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1972

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# Presidential Documents

## Title 3—The President

PROCLAMATION 4127

### Father's Day

*By the President of the United States of America*

#### A Proclamation

To have a father—to be a father—is to come very near the heart of life itself.

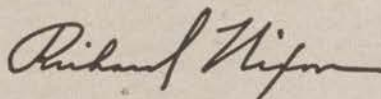
In fatherhood we know the elemental magic and joy of humanity. In fatherhood we even sense the divine, as the Scriptural writers did who told of all good gifts coming "down from the Father of lights, with whom is no variableness, neither shadow of turning"—symbolism so challenging to each man who would give his own son or daughter a life of light without shadow.

Our identity in name and nature, our roots in home and family, our very standard of manhood—all this and more is the heritage our fathers share with us. It is a rich patrimony, one for which adequate thanks can hardly be offered in a lifetime, let alone a single day. Still it has long been our national custom to observe each year one special Sunday in honor of America's fathers; and from this year forward, by a joint resolution of the Congress approved April 24, 1972, that custom carries the weight of law.

This is fitting and good. Let each American make this Father's Day an occasion for renewal of the love and gratitude we bear to our fathers, increasing and enduring through all the years.

NOW, THEREFORE, I, RICHARD NIXON, President of the United States of America, do hereby request that June 18, 1972, be observed as Father's Day. I direct Government officials to display the flag of the United States on all Government buildings, and I urge all citizens to display the flag at their homes and other suitable places on that day.

IN WITNESS WHEREOF, I have hereunto set my hand this first day of May in the year of our Lord, nineteen hundred seventy-two, and of the Independence of the United States of America the one hundred ninety-sixth.



[FR Doc.72-6838 Filed 5-1-72; 5:08 pm]



# French and Documents

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# Rules and Regulations

## Title 5—ADMINISTRATIVE PERSONNEL

### Chapter I—Civil Service Commission

#### PART 213—EXCEPTED SERVICE

##### Small Business Administration

Section 213.3132 is amended to show that the Schedule A authority covering appointments to temporary positions involving the making and administering of disaster loans is amended to permit original appointments to be made for not to exceed 2 years and to show that no employee may serve under this authority for longer than 2 years without the Commission's prior approval. Effective on publication in the *FEDERAL REGISTER* (5-3-72), paragraph (a) under § 213.3132 is amended, as set out below.

##### § 213.3132 Small Business Administration.

(a) When the President under 42 U.S.C. 1855-1855g, or the Secretary of Agriculture under 7 U.S.C. 1961, declares an area to be a disaster area, positions filled by the temporary appointment of employees to make and administer disaster loans in that area under the Small Business Act, as amended, for the duration of the disaster. Original appointments may not exceed 2 years and no employee may serve under this authority for longer than 2 years without the Commission's prior approval.

(5 U.S.C. secs. 3301, 3302, E.O. 10577, 3 CFR 1954-58 Comp. p. 218)

UNITED STATES CIVIL SERVICE COMMISSION,

[SEAL] JAMES C. SPRY,

*Executive Assistant to the Commissioners.*

[FR Doc.72-6706 Filed 5-2-72; 8:46 am]

## Title 6—ECONOMIC STABILIZATION

### Chapter I—Cost of Living Council

#### PART 101—COVERAGE, EXEMPTIONS, AND CLASSIFICATIONS OF ECONOMIC UNITS

##### Miscellaneous Amendments

Part 101—Coverage Exemptions, and Classifications of Economic Units was added to a new title 6 of a new Chapter I of the Code of Federal Regulations on November 13, 1971 (36 F.R. 21788). Part 101 was amended and republished on January 27, 1972 (37 F.R. 1237), and further amended on February 4, 1972

(37 F.R. 2678), February 24, 1972 (37 F.R. 3913), March 9, 1972 (37 F.R. 5043), March 18, 1972 (37 F.R. 5700), March 31, 1972 (37 F.R. 6827), and April 17, 1972 (37 F.R. 7795).

Subpart B is amended to expand the coverage of price category I and II firms to include certain firms in the construction industry and certain institutional and noninstitutional providers of health services. The expansion of these two price categories is based upon the significant inflationary potential of the particular industries involved and the need for closer surveillance in these economic sectors.

A new section is added to Subpart E to establish a small business exemption. The exemption for small businesses and their employees affects companies with 60 or fewer employees (except those in the health and construction industries).

It also affects local governmental units with 60 or fewer employees.

Small businesses previously have been subject to the same controls as larger businesses but they have not been required to prenotify or submit quarterly reports on prices, costs and profits. This exemption will relieve small businesses from recordkeeping duties and eliminate the need to file lengthy requests for exceptions to economic stabilization program guidelines. Additionally, the small business exemption is intended to carry out the congressional intent expressed in section 214 of the Economic Stabilization Act, that such exemptions be provided for small business enterprises as may be feasible without impeding the accomplishment of the purposes of the Act.

Not exempted from controls are small businesses in economic sectors which continue to have serious inflationary impact. The health services and construction industries are two such sectors and will not be exempt, regardless of number of employees. In addition, the exemption will not be applicable to current price category I or II firms regardless of the number of their employees.

Prices and wages will also remain under direct control for all small businesses when 50 percent or more of the employees have their pay adjustments set by a master employment or other employment contract which was negotiated on a joint or association basis or on an industry, area, group, or other similar basis which covered more than 60 employees. When less than 50 percent of the employees have their pay adjustments set pursuant to such a master employment or other employment contract which covers more than 60 employees those pay adjustments will remain subject to controls. Pay adjustments of employees which are set by a master employment or other employment contract as previously described will be exempt

when the employment contract covers 60 or fewer employees.

The small business exemption will permit a reallocation and expansion of administrative resources to intensify stabilization program efforts and service in those areas having the most significant inflationary impact on the economy.

Prices charged by smaller firms are not expected to increase significantly because large companies within an industry tend to exert some price discipline over small companies. Small businesses, competing in the marketplace with those businesses under direct control, will have to exercise restraint in granting wage settlements. Further, small unit wage settlements will be influenced by the pattern of settlements made by the larger units remaining under the direct control of the stabilization program.

Firms which qualify for the small business exemption are expected to comply with the standards and policies of the economic stabilization program. The Cost of Living Council will continue to monitor the price and pay behavior of those firms qualifying for the small business exemption and will periodically review the effects of the exemption. To the extent that the provisions of the small business exemption create individual hardships or inequities for firms remaining within the coverage of the stabilization program, an exception may be requested in accordance with the Cost of Living Council regulations.

Because the purpose of these regulations is to amend and modify Part 101 to provide immediate guidance and information as to Cost of Living Council decisions, the Council finds that publication in accordance with usual rule making procedures is impracticable and that good cause exists for making this regulation effective in less than 30 days. Interested persons may submit written comments regarding the above amendments. Communications should be addressed to the Office of General Counsel, Cost of Living Council, New Executive Office Building, Washington, D.C. 20507.

(Economic Stabilization Act of 1970, as amended, Public Law 91-379, 84 Stat. 799; Public Law 91-558, 84 Stat. 1468; Public Law 92-8, 85 Stat. 13; Public Law 92-15, 85 Stat. 38; Public Law 92-210, 85 Stat. 743; and Executive Order No. 11640, as amended)

These amendments shall become effective when filed with the Office of the Federal Register.

DONALD RUMSFELD,  
*Director,*  
*Cost of Living Council.*

Part 101 of Chapter I of Title 6 of the Code of Federal Regulations is amended as follows:

1. Subpart B is revised and amended in §§ 101.11(a), 101.13(a), and 101.15(a) to read as follows:



**§ 101.11 Price category I firms; prenotification and reporting requirements.**

(a) A price category I firm is:

(1) A firm with annual sales or revenues of \$100 million or more;

(2) A firm that operates or controls a mass transportation system, the fares of which are not otherwise regulated;

(3) An institutional or noninstitutional provider of health services (as defined in §§ 300.18 and 300.19 of this title) with annual sales or revenues of \$10 million or more; or

(4) A firm engaged in construction as defined by section 11 of Executive Order No. 11588 (3 CFR 1971 Comp., 36 F.R. 6339), with annual sales or revenues of \$50 million or more.

**§ 101.13 Price category II firms; reporting requirements.**

(a) A price category II firm is:

(1) A firm with annual sales or revenues from \$50 million to \$100 million other than a firm described in § 101.11 (a) (2) through (4);

(2) An institutional or noninstitutional provider of health services (as defined in §§ 300.18 and 300.19 of this title) with annual sales or revenues from \$5 million to \$10 million; or

(3) A firm engaged in construction as defined by section 11 of Executive Order No. 11588 (3 CFR 1971 Comp., 36 F.R. 6339), with annual sales or revenues of \$25 million to \$50 million.

**§ 101.15 Price category III firms; monitoring and spot checks.**

(a) A price category III firm is:

(1) A firm with annual sales or revenues of less than \$50 million other than a firm described in § 101.11(a) (2) through (4) or § 101.13(a) (2) and (3);

(2) An institutional or noninstitutional provider of health services (as defined in §§ 300.18 and 300.19 of this title) with annual sales or revenues of less than \$5 million; or

(3) A firm engaged in construction as defined by section 11 of Executive Order No. 11588 (3 CFR 1971 Comp., 36 F.R. 6339) with annual sales or revenues of less than \$25 million.

2. Subpart B is further amended and revised in § 101.16 to delete present paragraph (e), to renumber the remaining paragraphs, and to amend renumbered paragraph (f) to read as follows:

**§ 101.16 Modification of prenotification requirements.**

Notwithstanding the provisions of § 101.11 the following price adjustments by price category I firms need not be prenotified:

(e) Price adjustments by firms leasing or offering to lease any residence or other real property subject to the conditions and procedures prescribed in Part 301 of this title.

(f) Subject to conditions and procedures prescribed by the Price Commission, price adjustments proposed or established by a multi-industry firm with respect to goods or services when the annual sales or revenues of the firm of such goods or services are less than \$100 million with any two-digit Standard Industrial Classification as published in the 1972 Standard Industrial Classification Manual by the Office of the Management and Budget (formerly the Bureau of the Budget): *Provided, however,* That the operations of this rule shall not permit a modification of the prenotification requirements for any price adjustment:

(1) Of a mass transportation system, the fares of which are not otherwise regulated;

(2) For health services provided by an institutional or noninstitutional provider of health services (as defined in §§ 300.18 and 300.19 of this title) with annual sales or revenues of \$10 million or more derived from the providing of health services; or

(3) For construction as defined by section 11 of Executive Order No. 11588 (3 CFR 1971 Comp., 36 F.R. 6339) by a firm with annual sales or revenues of \$50 million or more derived from construction.

(g) Price adjustments for regulated milk and milk products subject to the conditions and procedures prescribed in § 300.17 of this title.

(h) Price adjustments proposed or established by low-profit firms as defined in and subject to the conditions and procedures prescribed in § 300.31 of this title.

3. Subpart E is amended to read as follows:

**Subpart E—Small Business Exemption**

**§ 101.51 Exemption of firms with 60 or fewer employees.**

(a) *Applicability—firms existing on or before December 31, 1971*—(1) *General.* Subject to the provisions of subparagraphs (2) and (3) of this paragraph, price and pay adjustments (but not rent increases or adjustments) of any firm, existing on or before December 31, 1971, including a local government, with an average of 60 or fewer employees (determined as provided in subparagraph (3) of this paragraph) are exempt from and not included in the coverage of this title.

(2) *Exemption not applicable.* The exemption provided for in subparagraph (1) of this paragraph shall not be applicable to:

(i) A firm which on the effective date of this regulation was classified as a price category I or II firm under § 101.11 or § 101.13.

(ii) A firm which on the effective date of this regulation was an institutional or noninstitutional provider of health services (as defined in §§ 300.18 and 300.19 of this title);

(iii) A firm which on the effective date of this regulation was engaged in construction as defined by section 11 of Executive Order No. 11588 (3 CFR, 1971 Comp., 36 F.R. 6339);

(iv) A firm, if the pay adjustments immediately preceding the effective date of this regulation, applicable to or affecting 50 percent or more of its employees, were set by a master employment or other employment contract which was negotiated on a joint or association basis or on an industry, area, group, or other similar basis and which covered more than 60 employees; or

(v) Pay adjustments applicable to or affecting those employees in firms otherwise exempt under this paragraph whose pay adjustments immediately preceding the effective date of this regulation were set or which are set at any time thereafter by a master employment or other employment contract described in subdivision (iv) of this subparagraph which covered more than 60 employees.

(3) *Determination of average number of employees.* The average number of employees for firms in existence on or before December 31, 1971, shall be computed by dividing the sum of the number of employees employed in the pay periods which included June 30, September 30, and December 31, 1971, and March 31, 1972, by the number of such pay periods for which any such firm was in existence.

(b) *Applicability—firms coming into existence on or after January 1, 1972.*—

(1) *General.* Subject to the provisions of subparagraphs (2) and (3) of this paragraph, price and pay adjustments (but not rent increases or adjustments) of any firm coming into existence on or after January 1, 1972, including a local government, with an average of 60 or fewer employees (determined as provided in subparagraph (3) of this paragraph) are exempt from and not included in the coverage of this title.

(2) *Exemption not applicable.* The exemption provided for in subparagraph (1) of this paragraph shall not be applicable to:

(i) A firm which at any time during its first four calendar quarters after March 31, 1972, was classified as a price category I or II firm under § 101.11 or § 101.13.

(ii) A firm which at any time during its first four calendar quarters after March 31, 1972, was an institutional or noninstitutional provider of health services (as defined in §§ 300.18 and 300.19 of this title);

(iii) A firm which at any time during its first four calendar quarters after March 31, 1972, was engaged in construction as defined by section 11 of Executive Order No. 11588 (3 CFR 1971 Comp., 36 F.R. 6339);

(iv) A firm, if the pay adjustments at any time during its first four calendar quarters after March 31, 1972, applicable to or affecting 50 percent or more of its employees, were set by a master employment or other employment contract which was negotiated on a joint or association basis or on an industry, area, group or other similar basis and which covered more than 60 employees;

(v) Pay adjustments applicable to or affecting those employees in firms otherwise exempt under this paragraph whose



pay adjustments immediately preceding the effective date of this regulation were set or which are set at any time thereafter by a master employment or other employment contract described in subdivision (iv) of this subparagraph which covered more than 60; or

(vi) A firm which is deemed to have an average of more than 60 employees in any calendar quarter in its first four calendar quarters, including its fourth calendar quarter, after March 31, 1972.

(3) *Determination of average number of employees.* The average number of employees for firms coming into existence on or after January 1, 1972, shall be computed as follows:

(i) For its first calendar quarter after March 31, 1972, the average number of employees shall be deemed to be 60 or fewer until such time as the number of employees in that first calendar quarter after March 31, 1972, exceeds 60:

(ii) If the firm was deemed to have an average of 60 or fewer employees in the pay period which included the last day of its first calendar quarter after March 31, 1972, it shall be deemed to have 60 or fewer employees during its second calendar quarter after March 31, 1972;

(iii) A firm shall compute its average number of employees for its third calendar quarter after March 31, 1972, by dividing by two the sum of the number of employees employed in the pay period which included the last day of its first two calendar quarters after March 31, 1972;

(iv) A firm shall compute its average number of employees for its fourth calendar quarter after March 31, 1972, by dividing by three the sum of the number of employees employed in the pay period which included the last day of its first three calendar quarters after March 31, 1972; and

(v) If the firm's average number of employees was deemed to be 60 or fewer for its first four calendar quarters after March 31, 1972, its average number of employees shall be permanently established for the purpose of this paragraph by dividing by four the sum of the number of employees employed in the pay period which included the last day of its first four calendar year quarters after March 31, 1972.

(c) *Retroactive adjustments.* The exemption provided for in paragraphs (a) and (b) of this section shall operate prospectively from the effective date of this regulation. Except to the extent allowable under the provisions of Chapters II and III of this title, the exemption shall not operate to permit either a retroactive pay adjustment for work performed or a retroactive price adjustment for the sale of or contract to sell goods or services while the pay adjustments and price adjustments of the firm were under the coverage of this title.

[FR Doc.72-6841 Filed 5-2-72;12:30 pm]

## Chapter III—Price Commission PART 300—PRICE STABILIZATION

### Calculation of Productivity Gains by Manufacturers and Construction Contractors

The purpose of this amendment is to add a new § 300.11a to the regulations of the Price Commission to provide rules for the calculation, under Part 300, of productivity gains by manufacturers and construction contractors, and to add a new Appendix III to Part 300 entitled "Average Annual Rate of Productivity Gain by Standard Industrial Classification" to provide a table for use in complying with § 300.11a.

Section 300.12, relating to price increases by manufacturers, and § 300.14 relating to price increases by service organizations (which includes construction contractors) both provide that a price may be increased to reflect "allowable costs \* \* \* reduced to reflect productivity gains". It is the purpose of the new § 300.11a to provide, in the case of manufacturers and construction contractors only, a formula for the calculation necessary to determine these productivity gains in cases involving price increases based in whole or in part on actual increases in allowable labor costs. The rule applies to price category I, II, and III firms, regardless of whether they are subject to prenotification or reporting requirements. In general the manufacturer or construction contractor will be required to calculate the sum of all of its labor costs as a percentage of total costs and multiply that percentage by the average percentage gain in productivity for the applicable category (from the table in Appendix III). The result is the productivity gain by which total costs must be reduced. Provision is made for firms whose business extends to more than one industrial category.

The new section will not apply to subsidiary organizations of manufacturers or construction contractors which are not themselves manufacturers or construction contractors.

Because the purpose of this amendment is to provide immediate guidance and information as to compliance with the provisions of the price stabilization regulations and to provide guidance for reports required thereunder, it is hereby found that notice and public procedure thereon is impracticable and that good cause exists for making it effective less than 30 days after publication.

(Economic Stabilization Act of 1970, as amended, Public Law 91-379, 84 Stat. 799; Public Law 91-558, 84 Stat. 1468; Public Law 92-8, 85 Stat. 13; Public Law 92-15, 85 Stat. 38; Economic Stabilization Act Amendments of 1971, Public Law 92-210; Executive Order No. 11640, 37 F.R. 1213, Jan. 27, 1972; Cost of Living Council Order No. 4, 36 F.R. 20202, Oct. 16, 1971)

In consideration of the foregoing, Part 300 of Title 6 of the Code of Federal Regulations is amended as set forth below effective May 3, 1972.

Issued in Washington, D.C. on May 1, 1972.

C. JACKSON GRAYSON, Jr.  
Chairman, Price Commission.

1. The following new section is inserted after § 300.11:

§ 300.11a Calculation of productivity gains by manufacturers and construction contractors.

(a) *General.* For the purposes of determining whether a price may be increased under any provision of this part, except § 300.31, by any manufacturer or construction contractor, productivity gains shall be calculated on the basis of the average percentage gain in the applicable industrial category, as set forth in the table in Appendix III to this part. Productivity gains shall be taken into account only in cases involving price increases based, in whole or in part, on increases in allowable labor costs.

(b) *Calculation.* For the purposes of determining whether a price increase is justified, each manufacturer or construction contractor shall calculate the sum of all of its actual labor costs (of the type required to be included under Part IV of Form PC-1, whether or not the form is required to be filed) as a percentage of total costs, and shall multiply that percentage by the average annual rate of productivity gain for the applicable industrial category, as set forth in the table in Appendix III to this part. The result is the productivity gain, stated as a percentage, by which the total cost increase must be reduced in order to be an allowable cost for the purposes of a price increase under this part. If the business of the manufacturer or construction contractor extends to more than one industrial category, the average percentage gain in productivity in each category must be weighted in proportion to the ratio which its expected sales (at present prices for the 12-month period following the proposed date of the increase) in each industrial category bears to the total sales for that period affected by the price increase. The percentage of unit cost decrease in non-variable costs that results from the use of a higher volume shall be treated as provided in Parts IV and V of the instructions to Form PC-1. Negative volume may not be shown.

(c) *Subsidiaries, etc. not included.* This section does not apply to a wholesaling, retailing or service organization (other than a construction contractor), public utility, insurer, regulated seller of milk or milk products, or health provider subsidiary, division, affiliate, or similar entity that is a part of, or is directly or indirectly controlled by, a manufacturer or construction contractor.

(d) *Filings received before May 13, 1972.* In the case of a PC-1 form received from a prenotification or reporting firm by the Price Commission before May 13, 1972, the Price Commission will revise the form as required to conform to this section. A form PC-1 received after that date which does not comply with this section will be returned for correction to the person making the submission.



## 2. By adding the following new Appendix III after Appendix II;

APPENDIX III  
AVERAGE ANNUAL RATE OF PRODUCTIVITY GAIN BY  
STANDARD INDUSTRIAL CLASSIFICATION (SIC)

	SIC Code	Rate (per- cent) <sup>1*</sup>
Iron ores.....	101	3.9
Copper ores.....	102	2.4
Lead and zinc ores.....	103	2.4
Gold and zinc ores.....	104	2.4
Bauxite and other aluminum ores.....	105	2.4
Ferrous ores, except vanadium.....	106	2.4
Metal mining services.....	108	2.4
Miscellaneous metal ores.....	109	2.4
Anthracite mining.....	11	5.4
Bituminous coal and lignite mining.....	12	5.6
Oil and gas extraction.....	13	3.8
Nonmetallic minerals, except fuels.....	14	4.5
Contract construction:	15, 16, 17	
Residential structures (public and private).....		2.0
Nonresidential (except highways and sewers).....		1.5
Highways.....		1.0
Sewers.....		1.5
Ordnance and accessories (except 1925, 1931, 1941).....	19	2.4
Guided missiles and space.....		
Vehicles, completely assembled.....	1925	3.0
Tank and tank components.....	1931	4.1
Sighting and fire control equipment.....	1941	4.4
Meat packing plants.....	2011	4.7
Sausages and other prepared meats.....	2013	2.1
Poultry dressing plants.....	2015	2.1
Creamery butter.....	2021	5.8
Cheese, natural and processed.....	2022	2.3
Condensed and evaporated milk.....	2023	2.4
Ice cream and frozen desserts.....	2024	4.2
Fluid milk.....	2026	3.2
Canned and cured seafoods.....	2031	2.8
Canned specialties.....	2032	3.6
Canned fruits and vegetables.....	2033	3.6
Dehydrated food products.....	2034	1.8
Pickles, sauces, and salad dressings.....	2035	3.4
Fresh or frozen packaged fish.....	2036	3.4
Frozen fruits and vegetables.....	2037	2.6
Flour and other grain products.....	2041	5.8
Prepared feeds for animals and fowls.....	2042	4.5
Cereal preparations.....	2043	2.8
Rice milling.....	2044	5.9
Blended and prepared flour.....	2045	1.4
Wet corn milling.....	2046	4.6
Bread, cake, and related products.....	2051	3.1
Cookies and crackers.....	2052	3.1
Raw cane sugar.....	2061	4.4
Cane sugar refining.....	2062	5.2
Beet sugar.....	2063	2.9
Confectionery products.....	2071	3.3
Chocolate and cocoa products.....	2072	2.5
Chewing gum.....	2073	3.6
Malt liquors.....	2082	6.2
Malt.....	2083	1.9
Wines, brandy, and brandy spirits.....	2084	2.0
Distilled liquor, except brandy.....	2085	6.2
Bottled and canned soft drinks.....	2086	4.2
Flavoring extracts and sirups, n.e.c.....	2087	4.4
Cottonseed oil mills.....	2091	4.3
Soybean oil mills.....	2092	5.9
Vegetable oil mills, n.e.c.....	2093	0.0
Animal and marine fats and oils.....	2094	6.7
Roasted coffee.....	2095	1.3
Shortening and cooking oils.....	2096	1.6
Manufactured ice.....	2097	1.3
Macaroni and spaghetti.....	2098	0.7
Food preparations, n.e.c.....	2099	1.3
Cigarettes.....	2111	2.1
Cigars.....	2121	4.9
Chewing and smoking tobacco.....	2131	0.0
Tobacco stemming and redrying.....	2141	0.0
Weaving mills, cotton.....	2211	3.1
Weaving mills, synthetics.....	2221	3.6
Weaving and finishing mills, wool.....	2231	2.9
Narrow fabric mills.....	2241	2.6
Women's hosiery, except socks.....	2251	6.1
Hosiery, n.e.c.....	2262	6.1
Knit underwear mills.....	2253	1.9
Knit underwear mills.....	2254	2.8
Knit fabric mills.....	2256	6.1
Knitting mills, n.e.c.....	2259	3.5
Finishing plants, cotton.....	2261	3.9
Finishing plants, synthetic.....	2262	2.6
Finishing plants, n.e.c.....	2269	2.9
Woven carpets and rugs.....	2271	4.1
Tufted carpets and rugs.....	2272	6.7
Carpets and rugs, n.e.c.....	2279	5.8
Yarn mills, except wool.....	2281	4.2
Throwing and winding mills.....	2283	8.6
Wool yarn mills.....	2283	3.6
Thread mills.....	2284	2.5
Felt goods, n.e.c.....	2291	2.5
Lace goods.....	2292	4.6
Paddings and upholstery filling.....	2293	2.5
Processed textile waste.....	2294	1.1
Coated fabrics, not rubberized.....	2295	3.6

See footnotes at end of table.

## APPENDIX III—Continued

	SIC Code	Rate (per- cent) <sup>1*</sup>
Tire cord and fabric.....	2296	5.0
Scouring and combing plants.....	2297	2.5
Cordage and twine.....	2298	1.9
Textile goods, n.e.c.....	2299	3.7
Men's and boys' suits and coats.....	2311	0.5
Men's and boys' shirts and nightwear.....	2321	1.7
Men's and boys' underwear.....	2322	3.1
Men's and boys' neckwear.....	2323	3.1
Men's and boys' separate trousers.....	2327	3.3
Men's and boys' work clothing.....	2328	2.1
Men's and boys' clothing, n.e.c.....	2329	2.4
Women's and misses' blouses and waists.....	2331	2.3
Women's and misses' dresses.....	2335	3.0
Women's and misses' suits and coats.....	2337	2.1
Women's and misses' outerwear, n.e.c.....	2339	2.7
Women's and children's underwear.....	2341	2.1
Corsets and allied garments.....	2342	3.5
Millinery.....	2351	3.2
Hats and caps, except millinery.....	2352	2.1
Children's dresses and blouses.....	2361	1.6
Children's coats and suits.....	2363	2.3
Children's outerwear, n.e.c.....	2369	2.2
Fur goods.....	2371	3.3
Fabric dress and work gloves.....	2381	2.1
Robes and dressing gowns.....	2384	5.1
Waterproof outer garments.....	2385	4.1
Leather and sheep lined clothing.....	2386	1.9
Apparel belts.....	2387	4.8
Apparel and accessories, n.e.c.....	2389	3.8
Curtains and draperies.....	2391	3.1
House furnishings, n.e.c.....	2392	1.0
Textile bags.....	2393	1.6
Canvas products.....	2394	2.0
Pleating and stitching.....	2395	4.7
Automotive and apparel trimmings.....	2396	4.7
Schiffli machine embroideries.....	2397	4.0
Fabricated textile products, n.e.c.....	2399	2.8
Logging camps, and logging contractors.....	2411	3.7
Sawmills and planing mills, general.....	2421	3.6
Hardwood dimension and flooring.....	2426	0.5
Special product sawmills, n.e.c.....	2429	3.2
Millwork.....	2431	1.6
Veneer and plywood.....	2432	6.3
Prefabricated wood structures.....	2433	1.5
Nailed wooden boxes and shooks.....	2441	3.3
Wirebound boxes and crates.....	2442	6.9
Veneer and plywood containers.....	2443	6.3
Cooperage.....	2445	2.7
Wood preserving.....	2491	2.9
Wood products, n.e.c.....	2499	3.1
Wood household furniture.....	2511	2.0
Upholstered household furniture.....	2512	1.5
Metal household furniture.....	2514	2.5
Mattresses and bedsprings.....	2515	2.5
Household furniture, n.e.c.....	2519	1.9
Wood office furniture.....	2521	3.2
Metal office furniture.....	2522	2.5
Public building furniture.....	2531	2.9
Wood partitions and fixtures.....	2541	2.9
Metal partitions and fixtures.....	2542	2.9
Venetian blinds and shades.....	2551	2.7
Furniture and fixtures, n.e.c.....	2559	2.5
Pulp mills.....	2611	4.5
Paper mills, except building paper.....	2621	4.5
Paperboard mills.....	2631	4.0
Paper coating and glazing.....	2642	3.1
Envelopes.....	2643	2.2
Bags, except textile bags.....	2644	3.1
Wallpaper.....	2645	3.4
Die cut paper and board.....	2646	1.9
Pressed and molded pulp goods.....	2647	2.5
Sanitary paper products.....	2648	2.5
Converted paper products, n.e.c.....	2649	3.6
Folding paper boxes.....	2651	3.6
Set-up paperboard boxes.....	2652	1.5
Corrugated and solid fiber boxes.....	2653	3.2
Sanitary food containers.....	2654	3.1
Fiber cans, drums, and related material.....	2655	5.8
Building paper and board mills.....	2661	4.5
Newspapers.....	2711	2.1
Periodicals.....	2721	2.9
Book publishing.....	2731	2.7
Book printing.....	2732	2.1
Miscellaneous publishing.....	2741	0.0
Commercial printing, excluding lithographic.....	2751	2.8
Commercial printing, lithographic.....	2752	2.8
Engraving and plate printing.....	2753	4.7
Manifold business forms.....	2761	5.6
Greeting card publishing.....	2771	2.8
Blankbooks and looseleaf binders.....	2782	1.4
Bookbinding and related work.....	2789	2.6
Typesetting.....	2791	1.7
Photoengraving.....	2793	2.3
Electrotyping and stereotyping.....	2794	2.2
Alkalies and chlorine.....	2812	4.2
Industrial gases.....	2813	6.3
Cyclic intermediates and crudes.....	2815	7.0
Inorganic pigments.....	2816	1.9
Industrial organic chemicals, n.e.c.....	2818	7.0
Industrial inorganic chemicals, n.e.c.....	2819	4.2
Plastics materials and resins.....	2821	6.0

## APPENDIX III—Continued

	SIC Code	Rate (per- cent) <sup>1*</sup>
Synthetic rubber.....	2822	2.7
Cellulosic man-made fibers.....	2823	5.7
Organic fibers, noncellulosic.....	2824	3.0
Biological products.....	2831	4.5
Medicinals and botanicals.....	2833	10.8
Pharmaceutical preparations.....	2834	5.8
Soaps and other detergents.....	2841	4.8
Polishes and sanitation goods.....	2842	4.8
Surface active agents.....	2843	4.8
Toilet preparations.....	2844	4.9
Paints and allied products.....	2851	2.6
Gum and wood chemicals.....	2861	3.2
Fertilizers.....	2871	5.2
Agricultural chemicals, n.e.c.....	2879	6.2
Adhesives and gelatin.....	2891	5.7
Explosives.....	2892	0.5
Printing ink.....	2893	3.6
Carbon black.....	2895	6.6
Chemical preparations, n.e.c.....	2899	1.0
Petroleum refining.....	2911	6.6
Mixing mixtures and blocks.....	2951	4.4
Asphalt felts and coatings.....	2952	3.3
Lubricating oils and greases.....	2992	5.4
Petroleum and coal products, n.e.c.....	2999	6.1
Tires and inner tubes.....	3011	4.8
Rubber footwear.....	3021	2.0
Reclaimed rubber.....	3031	3.9
Fabricated rubber products, n.e.c.....	3099	3.2
Miscellaneous plastics products.....	3079	5.2
Leather tanning and finishing.....	3111	1.5
Industrial leather belting.....	3121	1.1
Footwear cut stock.....	3131	1.2
Shoes, except rubber.....	3141	0.5
House slippers.....	3142	0.5
Leather gloves and Mittens.....	3151	2.3
Luggage.....	3161	3.0
Women's handbags and purses.....	3171	1.7
Personal leather goods.....	3172	4.2
Leather goods, n.e.c.....	3199	2.8
Flat glass.....	3211	4.0
Glass containers.....	3221	2.9
Pressed and blown glass, n.e.c.....	3229	3.0
Products of purchased glass.....	3231	2.6
Cement, hydraulic.....	3241	4.8
Brick and structural clay tile.....	3251	2.3
Ceramic wall and floor tile.....	3253	3.6
Clay refractories.....	3255	3.2
Structural clay products, n.e.c.....	3259	3.7
Vitreous plumbing fixtures.....	3261	4.2
Vitreous china food utensils.....	3262	1.5
Fine earthenware food utensils.....	3263	0.2
Pottery electrical supplies.....	3264	3.6
Pottery products, n.e.c.....	3269	3.2
Concrete block and brick.....	3271	4.1
Concrete products, n.e.c.....	3272	4.1
Ready-mixed concrete.....	3273	2.5
Lime.....	3274	2.7
Gypsum products.....	3275	2.0
Cut stone and stone products.....	3281	2.6
Abrasive products.....	3291	3.3
Asbestos products.....	3292	1.4
Gaskets and insulations.....	3293	3.0
Minerals, ground or treated.....	3295	1.5
Mineral wool.....	3296	4.4
Nonclay refractories.....	3297	4.0
Nonmetallic mineral products, n.e.c.....	3299	2.9
Blast furnaces and steel mills.....	3312	2.7
Electrometallurgical products.....	3313	2.7
Steel wire and related products.....	3315	2.7
Cold finishing of steel shapes.....	3316	2.7
Steel pipe and tubes.....	3317	2.7
Gray iron foundries.....	3321	2.5
Malleable iron foundries.....	3322	3.4
Steel foundries.....	3323	2.4
Primary copper.....	3331	2.3
Primary lead.....	3332	2.3
Primary zinc.....	3333	2.3
Primary aluminum.....	3334	3.3
Primary nonferrous metals, n.e.c.....	3339	0.0
Secondary nonferrous metals.....	3341	3.9
Copper rolling and drawing.....	3351	3.2
Aluminum rolling and drawing.....	3352	5.4
Nonferrous rolling and drawing, n.e.c.....	3356	3.9
Nonferrous wire drawing and insulating.....	3357	3.2
Aluminum castings.....	3361	1.9
Brass, bronze, and copper castings.....	3362	1.9
Nonferrous castings, n.e.c.....	3369	1.9
Iron and steel forgings.....	3391	2.5
Nonferrous forgings.....	3392	2.9
Primary metal products, n.e.c.....	3399	1.9
Metal cans.....	3411	4.5
Cutlery.....	3421	3.0
Hand and edge tools.....	3423	3.4
Hand saws and saw blades.....	3425	3.4
Hardware, n.e.c.....	3429	4.5
Metal sanitary ware.....	3431	1.2
Plumbing fittings and brass goods.....	3432	3.5
Heating equipment, except electric.....	3433	2.5
Fabricated structural steel.....	3442	2.8
Metal doors, sash and trim.....	3443	3.2
Fabricated plate work (boiler shops).....	3444	4.1
Sheet metal work.....	3445	4.2
Architectural metal work.....	3446	4.2



APPENDIX III—Continued

APPENDIX III—Continued

	SIC Code	Rate (per cent) <sup>1</sup> *
Miscellaneous metal work.....	3449	4.2
Screw machine products.....	3451	0.3
Bolts, nuts, rivets and washers.....	3452	0.3
Bolt stampings.....	3461	1.6
Plating and polishing.....	3471	0.9
Metal coating and allied services.....	3479	1.1
Miscellaneous fabricated wire products.....	3481	3.0
Metal barrels, drums and pails.....	3491	0.4
Sales and vaults.....	3492	2.6
Steel springs.....	3493	2.8
Valves and pipe fittings.....	3494	2.1
Collapsible tubes.....	3496	4.1
Metal foil and leaf.....	3497	3.2
Fabricated pipe and fittings.....	3498	1.0
Fabricated metal products, n.e.c.....	3499	2.3
Steam engines and turbines.....	3511	4.3
Internal combustion engines, n.e.c.....	3519	4.1
Farm machinery.....	3522	2.4
Construction machinery.....	3531	2.4
Mining machinery.....	3532	2.1
Oil field machinery.....	3533	1.9
Elevators and moving stairways.....	3534	0.0
Conveyors and conveying equipment.....	3535	2.5
Hoists, cranes and monorails.....	3536	3.1
Industrial trucks and tractors.....	3537	3.6
Machine tools, metal cutting types.....	3541	3.0
Machine tools, metal forming types.....	3542	2.0
Special dies, tools, jigs, and fixtures.....	3544	2.0
Machine tool accessories.....	3545	2.6
Metal working machinery, n.e.c.....	3548	1.5
Food products machinery.....	3551	2.3
Textile machinery.....	3552	3.6
Woodworking machinery.....	3553	2.7
Paper industries machinery.....	3554	2.7
Printing trades machinery.....	3555	2.7
Special industry machine, n.e.c.....	3559	2.8
Pumps, air and gas compressors and pumping equipment.....	3561	2.6
Ball and roller bearings.....	3562	5.7
Blowers and fans.....	3564	3.6
Industrial patterns.....	3565	4.3
Power transmission equipment.....	3566	1.7
Industrial furnaces and ovens.....	3567	1.6
General industrial machinery, n.e.c.....	3569	1.7
Typewriters.....	3572	7.4
Electronic computing equipment.....	3573	8.6
Calculating and accounting machines.....	3574	8.7
Scales and balances.....	3576	3.7
Office machinery, n.e.c.....	3579	2.2
Automatic merchandising machines.....	3581	2.2
Commercial laundry equipment.....	3582	3.7
Refrigeration machinery.....	3585	6.4
Measuring and dispensing pumps.....	3586	0.0
Service industry machines, n.e.c.....	3589	4.8
Miscellaneous machinery, except electrical.....	3590	1.5
Electric measuring instruments.....	3611	1.7
Transformers.....	3612	5.4
Switchgear and switchboard.....	3613	2.7
Motors and generators.....	3621	4.6
Industrial controls.....	3622	2.1
Welding apparatus.....	3623	3.3
Carbon and graphite products.....	3624	3.8
Electric industrial goods, n.e.c.....	3629	4.0
Household cooking equipment.....	3631	5.9
Household refrigerators and freezers.....	3632	5.9
Household laundry equipment.....	3633	5.9
Electrical housewares and fans.....	3634	4.2
Household vacuum cleaners.....	3635	6.0
Sewing machines.....	3636	6.3
Household appliances, n.e.c.....	3639	5.9
Electric lamps.....	3641	2.8
Lighting fixtures.....	3642	3.5
Current-carrying wiring devices.....	3643	3.0
Noncurrent-carrying wiring devices.....	3644	2.7
Radio and TV receiving sets.....	3651	6.2
Phonograph records.....	3652	0.0
Telephone and telegraph apparatus.....	3661	3.6
Radio and TV communication equipment.....	3662	3.6
Electron tubes, receiving type.....	3671	2.7
Cathode ray picture tubes.....	3672	11.6
Electron tubes, transmitting.....	3673	7.3
Semiconductors.....	3674	7.1
Electronic components, n.e.c.....	3679	7.1
Storage batteries.....	3691	2.8
Primary batteries, dry and wet.....	3692	4.6
X-ray apparatus and tubes.....	3693	3.9
Engine electrical equipment.....	3694	2.7
Electrical equipment, n.e.c.....	3699	2.9
Motor vehicles.....	3711	4.1
Passenger car bodies.....	3712	4.1
Truck and bus bodies.....	3713	4.1
Motor vehicle parts and accessories.....	3714	4.1
Truck trailers.....	3715	4.1
Aircraft.....	3721	4.5
Aircraft engines and engine parts.....	3722	2.2
Aircraft propellers and parts.....	3723	2.9
Aircraft equipment, n.e.c.....	3729	2.9
Shipbuilding and repairing.....	3731	1.4
Boat building and repairing.....	3732	3.0
Locomotives and parts.....	3741	4.4
Railroad and street cars.....	3742	4.4
Motorcycles, bicycles, and parts.....	3751	5.0

	SIC Code	Rate (per cent) <sup>1</sup> *
Trailer coaches.....	3791	2.6
Transportation equipment, n.e.c.....	3799	2.4
Engineering and scientific equipment.....	3811	2.5
Mechanical measuring devices.....	3821	2.3
Automatic temperature controls.....	3822	2.0
Optical instruments and lenses.....	3831	3.7
Surgical and medical instruments.....	3841	3.7
Surgical appliances and supplies.....	3842	1.9
Dental equipment and supplies.....	3843	3.5
Ophthalmic goods.....	3851	4.9
Photographic equipment and supplies.....	3861	6.4
Watches and clocks.....	3871	4.9
Watchcases.....	3872	3.8
Jewelry, precious metal.....	3911	4.4
Jewelers' findings and materials.....	3912	3.9
Lapidary work.....	3913	3.9
Silverware and plated ware.....	3914	1.1
Musical instruments and parts.....	3941	4.7
Games and toys.....	3942	2.3
Dolls.....	3943	3.5
Children's vehicles, except bicycles.....	3949	0.2
Sporting and athletic goods, n.e.c.....	3951	2.6
Pens and mechanical pencils.....	3952	2.6
Lead pencils and art goods.....	3953	4.2
Marking devices.....	3955	4.2
Carbon paper and inked ribbons.....	3961	4.5
Costume jewelry.....	3962	4.9
Artificial flowers.....	3963	4.1
Buttons.....	3964	4.4
Needles, pins, and fasteners.....	3991	2.1
Brooms and brushes.....	3993	3.3
Signs and advertising displays.....	3994	3.3
Morticians' goods.....	3996	6.7
Hard surface floor coverings.....	3999	2.8
Manufacturing industries, n.e.c.....		
The following productivity rates are included herewith only as guidelines for use by regulatory agencies.		
Railroad transportation-revenue traffic.....	401	6.3
Trucking, except local.....	4213	2.3
Air transportation.....	451	8.5
Petroleum pipelines.....	4612	10.0
Electric utilities.....	491	7.0
Gas utilities.....	492	5.4
Gas and electric utilities.....	493	6.5

<sup>1</sup>\*Log-linear trend calculation of annual rate of productivity change over 12 years, 1958-1969.  
NOTE: n.e.c. means "not elsewhere classified."  
NOTE: For more information on standard industrial classifications (sic) see the "Standard Industrial Classification Manual, 1967" this Manual may be obtained from the U.S. Government Printing Office, Wash., D.C. 20402.

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## Title 9—ANIMALS AND ANIMAL PRODUCTS

### Chapter I—Animal and Plant Health Inspection Service, Department of Agriculture

#### SUBCHAPTER C—INTERSTATE TRANSPORTATION OF ANIMALS (INCLUDING POULTRY) AND ANIMAL PRODUCTS

#### PART 82—EXOTIC NEWCASTLE DISEASE; AND PSITTACOSIS OR ORNITHOSIS IN POULTRY

##### Areas Quarantined

Pursuant to the provisions of sections 1, 2, 3, and 4 of the Act of March 3, 1905, as amended, sections 1 and 2 of the Act of February 2, 1903, as amended, sections 4, 5, 6, and 7 of the Act of May 29, 1884, as amended, and sections 3 and 11 of the Act of July 2, 1962 (21 U.S.C. 111, 112, 113, 115, 117, 120, 123, 124, 125, 126, 134b, 134f), Part 82, Title 9, Code of Federal Regulations, is hereby amended in the following respects:

In § 82.3, the references to the States of New Mexico and Texas in the intro-

ductory portion of paragraph (a) and paragraphs (a) (2) relating to the State of New Mexico and (3) relating to the State of Texas are deleted.

(Secs. 4-7, 23 Stat. 32, as amended; secs. 1 and 2, 32 Stat. 791-792, as amended; secs. 1-4, 33 Stat. 1264, 1265, as amended; secs. 3 and 11, 76 Stat. 130, 132; 21 U.S.C. 111-113, 115, 117, 120, 123-126, 134b, 134f; 29 F.R. 16210, as amended; 37 F.R. 6327, 6505)

**Effective date.** The foregoing amendments shall become effective upon issuance.

The amendments exclude portions of Dona Ana County in New Mexico and portions of El Paso County in Texas from the areas quarantined because of exotic Newcastle disease. Therefore, the restrictions pertaining to the interstate movement of poultry, mynah, and psittacine birds, and birds of all other species under any form of confinement, and their carcasses and parts thereof, and certain other articles from quarantined areas, as contained in 9 CFR Part 82, as amended, will not apply to the excluded areas. No areas in New Mexico or Texas remain under quarantine.

The amendments relieve certain restrictions presently imposed but no longer deemed necessary to prevent the spread of exotic Newcastle disease, and must be made effective immediately to be of maximum benefit to affected persons. It does not appear that public participation in this rule making proceeding would make additional relevant information available to this Department. Accordingly, under the administrative procedure provisions in 5 U.S.C. 553, it is found upon good cause that notice and other public procedure with respect to the amendments are impracticable and unnecessary, and good cause is found for making the amendments effective less than 30 days after publication in the FEDERAL REGISTER.

Done at Washington, D.C., this 27th day of April 1972.

F. J. MULHERN,  
Acting Administrator, Animal and Plant Health Inspection Service.

[FR Doc.72-6708 Filed 5-2-72;8:47 am]

## Title 10—ATOMIC ENERGY

### Chapter I—Atomic Energy Commission

#### PART 170—FEES FOR FACILITIES AND MATERIALS LICENSES UNDER THE ATOMIC ENERGY ACT OF 1954, AS AMENDED

##### Revised Fees for Facilities and Materials Licenses

##### Correction

In F.R. Doc. 72-6184 appearing at page 8074 in the issue of Tuesday, April 25, 1972, in § 170.31, under the heading "Schedule of Materials License Fees", in item 3A, the figure in the third column now reading "\$50" should read "\$500".



# Title 14—AERONAUTICS AND SPACE

## Chapter I—Federal Aviation Administration, Department of Transportation

[Airspace Docket No. 72-SO-36]

### PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS

#### Alteration of Transition Area

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to alter the Walterboro, S.C., transition area.

The Walterboro transition area is described in § 71.181 (37 F.R. 2143) and has a designated radius of 8 miles.

U.S. Standards for Terminal Instrument Procedures (TERP's), issued after extensive consideration and discussion with government agencies concerned and affected industry groups, are now being applied to update the criteria for instrument approach procedures. The criteria for the designation of controlled airspace protection for these procedures were revised to conform to TERP's and achieve increased and efficient utilization of airspace.

Because of this revised criteria and refinement of the geographic coordinate of Walterboro Municipal Airport, it is necessary to alter the description by reducing the radius from 8 to 6.5 miles and designate an extension predicated on the 060° bearing from Walterboro RBN 6 miles wide and 8.5 miles long.

In consideration of the foregoing, notice and public procedure hereon are unnecessary and Part 71 of the Federal Aviation Regulations is amended, effective immediately, as hereinafter set forth.

In § 71.181 (37 F.R. 2143), the Walterboro, S.C., transition area is amended to read:

#### WALTERBORO, S.C.

That airspace extending upward from 700 feet above the surface within a 6.5-mile radius of Walterboro Municipal Airport (lat. 32°55'08" N., long. 80°38'25" W.); within 3 miles each side of the 060° bearing from Walterboro RBN (lat. 32°55'32" N., long. 80°38'27" W.), extending from the 6.5-mile radius area to 8.5 miles northeast of the RBN.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in East Point, Ga., on April 20, 1972.

DUANE W. FREER,  
Acting Director, Southern Region.

[FR Doc. 72-6697 Filed 5-2-72; 8:46 am]

[Reg. Docket No. 11894, Amdt. 95-219]

### PART 95—IFR ALTITUDES

#### Miscellaneous Amendments

The purpose of this amendment to Part 95 of the Federal Aviation Regulations is to make changes in the IFR

altitudes at which all aircraft shall be flown over a specified route or portion thereof. These altitudes, when used in conjunction with the current changeover points for the routes or portions thereof, also assure navigational coverage that is adequate and free of frequency interference for that route or portion thereof.

As a situation exists which demands immediate action in the interest of safety, I find that compliance with the notice and procedure provisions of the Administrative Procedure Act is impracticable and that good cause exists for making this amendment effective within less than 30 days from publication.

In consideration of the foregoing and pursuant to the authority delegated to me by the Administrator (24 F.R. 5662), Part 95 of The Federal Aviation Regulations is amended, effective May 25, 1972 as follows:

#### 1. By amending Subpart C as follows:

##### From, to, and MEA

Section 95.250 *Red Federal airway 50* is amended to read in part:

Galena, Alaska, LF/RBN; Bear Creek, Alaska, LF/RBN; 6,000.

Section 95.282 *Red Federal airway 82* is amended to read in part:

Skwentna, Alaska, LFR; Willow INT, Alaska; 4,400.

Willow INT, Alaska; Mantanuska INT, Alaska; \*7,000. \*6,300—MOCA.

Section 95.299 *Red Federal airway 99* is amended to read in part:

Big Mountain, Alaska, LF/RBN; Iliamna, Alaska, LF/RBN; 4,500.

Iliamna, Alaska, LF/RBN; Kakhonak INT, Alaska, northwest bound; \*5,000. Southeast bound; \*6,000. \*4,900—MOCA.

Section 95.1001 *Direct routes—United States* is amended by adding:

Langley INT, Ga.; Greenwood; S.C., VOR; 3,000.

Santa Barbara, Calif., VORTAC; San Luis Obispo, Calif., VORTAC; 6,800.

Santa Barbara, Calif., VORTAC; Santa Maria, Calif., VOR; 5,600.

Santa Catalina, Calif., VORTAC; Gaviota, Calif., VORTAC; 6,000.

Santa Catalina, Calif., VORTAC; Santa Barbara, Calif., VORTAC; 6,000.

Santa Rosa, Calif., VOR; Oakland, Calif., VORTAC; \*4,000. \*3,600—MOCA.

Ukiah, Calif., VORTAC; Point Reyes, Calif., VORTAC; 5,000. MAA—39,000.

Big Sur, Calif., VORTAC, via BSR 085/AVE 304; Avenal, Calif., VORTAC; \*11,000.

\*7,900—MOCA. MAA—35,000.

Bakersfield, Calif., VORTAC; \*Woody INT, Calif.; 5,000. \*3,300—MCA Woody INT, eastbound.

\*Maricopa INT, Calif., via AVE 109/LHS 305; Lake Hughes, Calif., VORTAC; 7,800.

\*3,400—MCA Maricopa INT, eastbound.

Coloma INT, Calif.; Friant, Calif., VORTAC; 18,000. MAA—45,000.

Section 95.1001 *Direct routes—United States* is amended to delete:

Pogo INT, Ga.; Jacksonville, Fla., VOR; \*1,800. \*1,300—MOCA.

Allendale, S.C., VOR, via ALD R 029/CAE 170; Columbia, S.C., VOR; \*2,000. \*1,700—MOCA.

Allendale, S.C., VOR; Steedman INT, S.C.; \*2,300. \*2,000—MOCA.

Augusta, Ga., VOR; Chattin INT, S.C.; 2,000.

#### From, to, and MEA—Continued

Augusta, Ga., VOR; Salley INT, S.C.; \*2,200. \*2,100—MOCA.

Bush, Ga., LOM; Johnston INT, S.C.; 2,900.

Lumpkin INT, Ga.; INT 351M rad Albany VOR and 041M rad Dothan VOR; \*5,000. \*1,800—MOCA.

Planter INT, S.C.; Florence, S.C., VOR; \*2,500. \*1,900—MOCA.

Florence, S.C., VOR, via FLO 148/CRE 277; Myrtle Beach, S.C., VOR; \*2,500. \*1,600—MOCA.

Florence, S.C., VOR; New Bern, N.C., VOR; \*5,000. \*3,000—MOCA.

INT 264 M rad Augusta VOR and 277 M brg Emory LF/RBN; Emory, Ga., LF/RBN; 2,000.

INT 298 M rad Charleston VOR and 170 M rad Columbia VOR; Columbia, S.C., VOR; \*3,000. \*1,700—MOCA.

Mitchell, INT, Ga.; Blythe INT, Ga.; \*5,000. \*2,900—MOCA.

Sharon INT, Ga.; Blythe INT, Ga.; \*4,000. \*2,900—MOCA.

Lumpkin INT, Ga.; INT 115 M rad Tuskegee VOR and 218 M rad Columbus VOR; \*2,000. \*1,700—MOCA.

Section 95.1001 *Direct routes—United States* is amended to read in part:

Teague INT, Tex.; Ennis INT, Tex.; \*5,000. \*1,900—MOCA.

From/to; total distance; changeover point distance from geographic location; track angle; MEA; and MAA

J807R is amended to read in part:

Belle Terre, Conn., W/P, Cherry Plain, N.Y., W/P; 98.8; 49.5, Belle Terre, 41°51'38" N., 73°13'28" W.; 010°/190° to COP, 009°/189° to Cherry Plain; 18,000; 45,000.

J838R is added to read:

Crest, Ga., W/P, Vienna, Ga., W/P; 64.3; 136°/316° to Vienna; 18,000; 45,000.

Vienna, Ga., W/P, Callahan, Fla., W/P; 113.6; 25.0, Vienna, 31°53'35" N., 83°10'58" W.; 142°/322° to COP, 142°/322° to Callahan; 18,000; 45,000.

J855R is amended to read in part:

Wichita Falls, Tex., VORTAC, Crowell, Tex., W/P; 59.1; 269°/089° to Crowell; 18,000; 45,000.

Crowell, Tex., W/P, Texico, N. Mex., VORTAC; 154.3; 47.6, Crowell, 34°15'34" N., 100°42'34" W.; 269°/089° to COP, 266°/086° to Texico; 18,000; 45,000.

Texico, N. Mex., VORTAC, Palma, N. Mex., W/P; 124.6; 30.0, Texico, 34°35'55" N., 103°25'53" W.; 272°/092° to COP, 268°/088° to Palma; 18,000; 45,000.

Palma, N. Mex., W/P, Volcano, N. Mex., W/P; 67.6; 33.8, Palma, 35°00'26" N., 105°58'56" W.; 268°/088° to COP, 267°/087° to Volcano; 18,000; 45,000.

J868R is added to read:

Blue Springs, Mo., W/P, Hawk, Mo., W/P; 157.0; 92.0, Blue Springs, 38°51'37" N., 92°18'19" W.; 092°/272° to COP, 094°/274° to Hawk; 18,000; 45,000.

J871R is added to read:

Bremen, Ga., W/P, Fort Payne, Ala., W/P; 56.8; 28.4, Bremen, 34°00'57" N., 85°35'22" W.; 315°/135° to COP, 318°/138° to Fort Payne; 18,000; 45,000.

Fort Payne, Ala., W/P, Duck River, Tenn., W/P; 101.6; 50.8, Fort Payne, 35°00'17" N., 86°38'59" W.; 318°/138° to COP, 316°/136° to Duck River; 18,000; 45,000.

211.1; 95.0, Duck River, 36°47'56" N., Duck River, Tenn., W/P, Festus, Mo., W/P; 88°40'17" W.; 316°/136° to COP, 313°/133° to Festus; 18,000; 45,000.

J872R is added to read:

Social Circle, Ga., W/P, Gilbert, S.C., W/P; 107.2; 081°/261° to Gilbert; 18,000; 45,000.

J873R is added to read:



From/to; total distance; changeover point distance from geographic location; track angle; MEA; and MAA—Continued

Irmo, S.C., W/P, Lanier, Ga., W/P; 118.7; 59.3, Irmo, 34°11'01" N., 82°29'54" W.; 280°/100° to COP, 281°/101° to Lanier; 18,000; 45,000.

J877R is added to read:  
Oliver, Ga., W/P, Sinclair, Ga., W/P; 115.7; 294°/114° to Sinclair; 18,000; 45,000.

J883R is added to read:  
Minneapolis, Minn., VORTAC, Denmark, Wis., W/P; 238.6; 112.0, Minneapolis, 44°47'16" N., 90°47'34" W.; 093°/273° to COP, 100°/280° to Denmark; 18,000; 45,000.  
Denmark, Wis., W/P, Nirvana, Mich., W/P; 94.8; 47.4, Denmark, 44°12'41" N., 86°49'03" W.; 100°/280° to COP, 104°/284° to Nirvana; 18,000; 45,000.

Nirvana, Mich., W/P, Sanilac, Mich., W/P; 138.8; 69.4, Nirvana, 43°47'46" N., 84°11'05" W.; 101°/281° to COP, 107°/287° to Sanilac; 18,000; 45,000.

Sanilac, Mich., W/P, Blakely, N.Y., W/P; 178.2; 89.1, Sanilac, 43°11'14" N., 80°39'03" W.; 107°/287° to COP, 114°/294° to Blakely; 18,000; 45,000.

Blakely, N.Y., W/P, Kingston, N.Y., W/P; 227.6; 113.8, Blakely, 42°15'33" N., 76°14'18" W.; 114°/294° to COP, 117°/297° to Kingston; 18,000; 45,000.

#### Section 95.5500 High altitude RNAV routes.

J901R is amended to read in part:  
Seattle, Wash., VORTAC, Spokane, Wash., VORTAC; 190.6; 70.6, Seattle, 47°30'24" N., 120°42'38" W.; 064°/244° to COP, 068°/248° to Spokane; 18,000; 45,000.

J933R is amended to read in part:  
Wichita Falls, Tex., VORTAC, Crowell, Tex., W/P; 59.1; 269°/089° to Crowell; 18,000; 45,000.

Crowell, Tex., W/P, Texico, N. Mex., VORTAC; 154.3; 47.6, Crowell, 34°15'34" N., 100°42'34" W.; 269°/089° to COP, 266°/086° to Texico; 18,000; 45,000.

J981R is added to read:  
Seal Beach, Calif., W/P, Parker, Calif., W/P; 169.4; 99.0, Seal Beach, 33°58'50" N., 116°05'11" W.; 068°/248° to COP, 069°/249° to Parker; 18,000; 45,000.

Parker, Calif., W/P, Prescott, Ariz., W/P; 115.0; 95.0, Parker, 34°36'04" N., 112°51'58" W.; 056°/236° to COP, 059°/239° to Prescott; 18,000; 45,000.

Prescott, Ariz., W/P, Two Wells, N. Mex., W/P; 184.3; 50.0, Prescott, 34°51'27" N., 111°29'08" W.; 065°/245° to COP, 067°/247° to Two Wells; 18,000; 45,000.

Two Wells, N. Mex., W/P, Torreon, N. Mex., W/P; 89.4; 44.7, Two Wells, 35°27'59" N., 107°56'01" W.; 057°/237° to COP, 060°/240° to Torreon; 18,000; 45,000.

Torreon, N. Mex., W/P, Springer, N. Mex., W/P; 116.1; 58.0, Torreon, 35°58'39" N., 105°55'39" W.; 060°/240° to COP, 060°/240° to Springer; 18,000; 45,000.

Springer, N. Mex., W/P, Sofia, N. Mex., W/P; 38.0; 19.0, Springer, 36°20'25" N., 104°24'18" W.; 061°/241° to COP, 063°/243° to Sofia; 18,000; 45,000.

Sofia, N. Mex., W/P, Larrabee, Kans., W/P; 176.1; 78.4, Sofia, 36°46'26" N., 102°27'51" W.; 063°/243° to COP, 065°/245° to Larrabee; 18,000; 45,000.

Larrabee, Kans., W/P, Wichita, Kans., W/P; 149.0; 79.0, Larrabee, 37°28'43" N., 98°53'18" W.; 065°/245° to COP, 069°/249° to Wichita; 18,000; 45,000.

Wichita, Kans., W/P, Tightwad, Mo., W/P; 188.0; 94.0, Wichita, 38°03'40" N., 95°31'06" W.; 068°/248° to COP, 073°/253° to Tightwad; 18,000; 45,000.

Tightwad, Mo., W/P, Hawk, Mo., W/P; 125.8; 62.9, Tightwad, 38°32'36" N., 92°15'11" W.; 073°/253° to COP, 077°/257° to Hawk; 18,000; 45,000.

From/to; total distance; changeover point distance from geographic location; track angle; MEA; and MAA—Continued

Hawk, Mo., W/P, Marine, Ill., W/P; 50.2; 25.1, Hawk, 38°43'15" N., 90°23'59" W.; 084°/264° to COP, 084°/264° to Marine; 18,000; 45,000.

Marine, Ill., W/P, Sparksville, Ind., W/P; 163.8; 81.9, Marine, 38°45'41" N., 88°07'16" W.; 084°/264° to COP, 089°/269° to Sparksville; 18,000; 45,000.

Sparksville, Ind., W/P, St. Paul, Ky., W/P; 163.5; 100.0, Sparksville, 38°44'20" N., 84°14'45" W.; 089°/269° to COP, 096°/276° to St. Paul; 18,000; 45,000.

St. Paul, Ky., W/P, Front Royal, Va., W/P; 221.1; 141.1, St. Paul, 38°58'18" N., 79°54'19" W.; 086°/266° to COP, 092°/272° to Front Royal; 18,000; 45,000.

J983R is added to read:  
Hialeah, Fla., W/P, Sarasota, Fla., W/P; 122.7; 72.7, Hialeah, 26°54'30" N., 81°47'49" W.; 307°/127° to COP, 305°/125° to Sarasota; 18,000; 45,000.

Sarasota, Fla., VORTAC, Neptune, La., W/P; 279.8; 180.8, Sarasota, 28°12'15" N., 85°49'47" W.; 286°/106° to COP, 281°/101° to Neptune; 25,000; 45,000.

Neptune, La., W/P, New Orleans, La., VORTAC; 157.5; 30.0, Neptune, 28°53'06" N., 88°07'11" W.; 301°/121° to COP, 296°/116° to New Orleans; 19,000; 45,000.

J984R is added to read:  
Humble, Tex., Leeville, La., VORTAC; 278.2; 139.0, Humble, 29°35'27" N., 92°43'01" W.; 090°/270° to COP, 095°/275° to Leeville; 18,000; 45,000.

Leeville, La., VORTAC, Neptune, La., W/P; 133.9; 108.9, Leeville, 28°43'10" N., 88°06'04" W.; 098°/278° to COP, 103°/283° to Neptune; 19,000; 45,000.

Neptune, La., W/P, Sarasota, Fla., VORTAC; 279.8; 99.0, Neptune, 28°12'15" N., 85°49'47" W.; 101°/281° to COP, 106°/286° to Sarasota; 25,000; 45,000.

Sarasota, Fla., VORTAC, Reptile, Fla., W/P; 106.4; 53.2, Sarasota, 26°47'17" N., 81°49'52" W.; 132°/312° to COP, 134°/314° to Reptile; 18,000; 45,000.

J985R is added to read:  
San Antonio, Tex., W/P, Telegraph, Tex., W/P; 85.4; 42.7, San Antonio, 29°52'49" N., 99°13'59" W.; 281°/101° to COP, 279°/099° to Telegraph; 18,000; 45,000.

Telegraph, Tex., W/P, Fort Stockton, Tex., W/P; 161.7; 96.7, Telegraph, 30°37'24" N., 101°46'36" W.; 279°/099° to COP, 276°/096° to Fort Stockton; 18,000; 45,000.

Fort Stockton, Tex., W/P, Toyah, Tex., W/P; 65.0; 291°/111° to Toyah; 18,000; 45,000.

Toyah, Tex., W/P, Organ, N. Mex., W/P; 150.5; 75.3, Toyah, 31°52'04" N., 105°21'24" W.; 277°/097° to COP, 273°/093° to Organ; 18,000; 45,000.

Organ, N. Mex., W/P, Sheldon, Ariz., W/P; 117.1; 58.5, Organ, 32°31'38" N., 107°58'30" W.; 275°/095° to COP, 273°/093° to Sheldon; 18,000; 45,000.

Sheldon, Ariz., W/P, Phoenix, Ariz., VORTAC; 146.2; 73.1, Sheldon, 33°07'23" N., 110°28'56" W.; 273°/093° to COP, 270°/090° to Phoenix; 18,000; 45,000.

#### From, to, MEA

#### Section 95.6002 VOR Federal airway 2 is amended to read in part:

\*Seattle, Wash., VOR, via S alter.; Black Diamond INT, Wash., via S alter. eastbound; \*\*6,000. Westbound; \*\*4,000. \*5,200—MCA Seattle VOR, eastbound. \*\*3,100—MOCA.

\*Spokane, Wash., VOR, via S alter.; Mullan Pass, Idaho, VOR, via S alter.; \*\*10,700. \*6,000—MCA Spokane VOR, eastbound. \*\*8,800—MOCA.

#### Section 95.6004 VOR Federal airway 4 is amended to read in part:

#### From, to, MEA—Continued

Hill City, Kans., VOR; Westfall INT, Kans.; \*5,500. \*3,800—MOCA.

Westfall INT, Kans.; Salina, Kans., VOR; \*4,000. \*2,700—MOCA.

Malad City, Idaho, VOR, via S alter.; \*Cornish INT, Utah, via S alter., 10,100. \*11,100—MCA Cornish INT, eastbound.

Pump INT, Idaho, via S alter.; Boise, Idaho, VOR, via S alter., eastbound; 5,500. Westbound; 10,000.

Payette IND, Idaho; Emmett INT, Idaho; northwestbound; 9,000. Southeastbound; 5,500.

Malad City, Idaho, VOR; Green River INT, Wyo.; #14,000. \*11,500—MOCA. #MEA is established with a gap in navigation signal coverage.

\*Seattle, Wash., VOR; Black Diamond INT, Wash., eastbound; \*\*6,000. Westbound; \*\*4,000. \*5,200—MCA Seattle VOR, eastbound. \*\*3,100—MOCA.

Seattle, Wash., VOR, via S alter.; \*Carbonado INT, Wash., via S alter.; \*\*6,000. \*7,000—MCA Carbonado INT, northeast bound. \*\*4,400—MOCA.

Carbonado INT, Wash., via S alter.; Mud Lake INT, Wash., via S alter., northeast bound; 10,000. Southwest bound; 8,100.

Yakima, Wash., VOR; Sunnyside DME Fix, Wash.; 5,000.

#### Section 95.6007 VOR Federal airway 7 is amended to read in part:

Birmingham, Ala., VOR, via E alter.; \*Blount INT, Ala., via E alter.; \*\*3,000. \*4,000—MRA. \*\*2,300—MOCA.

Blount INT, Ala., via E alter.; \*Folsom INT, Ala., via E alter.; 3,000. \*4,500—MRA. Folsom INT, Ala., via E alter.; Rountree INT, Ala., via E alter.; 3,000.

#### Section 95.6010 VOR Federal airway 10 is amended to read in part:

Centreville INT, Mich.; Litchfield, Mich., VOR; \*3,000. \*2,200—MOCA.

#### Section 95.6011 VOR Federal airway 11 is amended to read in part:

Evansville, Ind., VOR, via E alter.; Augusta INT, Ind., via E alter.; \*2,300. \*2,000—MOCA.

#### Section 95.6016 VOR Federal airway 16 is amended to read in part:

Blackford, Va., VOR, via N alter.; Ford INT, Va., via N alter.; 6,600.

Ford INT, Va., via N alter.; Pulaski, Va., VOR, via N alter.; 6,000.

El Paso, Tex., VOR; Salt Flat, Tex., VOR; \*8,000. \*7,400—MOCA.

Salt Flat, Tex., VOR; Delaware INT, Tex.; \*8,000. \*7,600—MOCA.

#### Section 95.6020 VOR Federal airway 20 is amended to read in part:

Woodsbury INT, Tex., via N alter.; \*Austwell INT, Tex., via N alter.; \*\*1,700. \*3,000—MRA. \*\*1,200—MOCA.

#### Section 95.6021 VOR Federal airway 21 is amended to read in part:

Bannock INT, Idaho; \*Pocatello, Idaho, VOR; 9,000. \*7,800—MCA Pocatello VOR, south-east bound.

#### Section 95.6025 VOR Federal airway 25 is amended to read in part:

\*Santa Barbara, Calif., VOR; Pozo INT, Calif.; 8,600. \*7,600—MCA Santa Barbara VOR, northwestbound.

#### Section 95.6028 VOR Federal airway 28 is amended to read in part:

Linden, Calif., VOR; \*Jackson INT, Calif.; 5,000. \*7,200—MCA Jackson INT, north-eastbound.



*From, to, MEA—Continued*

Jackson INT, Calif.; Spring Hill INT, Calif.; 10,000.

Section 95.6049 *VOR Federal airway 49* is amended to read in part:

Birmingham, Ala., VOR; \*Blount INT, Ala.; \*\*3,000. \*4,000—MRA. \*\*2,300—MOCA.  
Blount INT, Ala.; \*Folsom INT, Ala.; 3,000.  
\*4,500—MRA.  
Folsom INT, Ala.; Rountree INT, Ala.; 3,000.

Section 95.6069 *VOR Federal airway 69* is amended to read in part:

Shreveport, La., VOR; \*Cotton INT, La.; \*\*2,000. \*3,000—MRA. \*\*1,500—MOCA.  
Cotton INT, La.; \*Gordon INT, La.; \*\*2,000.  
\*3,000—MRA. \*\*1,600—MOCA.

Section 95.6074 *VOR Federal airway 74* is amended by adding:

Anthony, Kans., VOR; Pioneer, Okla., VOR; \*3,000. \*2,600—MOCA.  
Anthony, Kans., VOR, via N alter.; Pioneer, Okla., VOR, via N alter.; \*3,000. \*2,500—MOCA.  
Pioneer, Okla., VOR; Manion INT, Okla.; \*2,700. \*2,500—MOCA.  
Manion INT, Okla.; Tulsa, Okla., VOR; 2,500.  
Pioneer, Okla., VOR, via N alter.; Tulsa, Okla., VOR, via N alter.; \*3,000. \*2,500—MOCA.  
Pioneer, Okla., VOR, via S alter.; Okmulgee, Okla., VOR, via S alter.; \*3,000. \*2,500—MOCA.

Section 95.6074 *VOR Federal airway 74* is amended to delete:

Anthony, Kans., VOR; Ponca City, Okla., VOR; \*3,000. \*2,600—MOCA.  
Anthony, Kans., VOR, via N alter.; Ponca City, Okla., VOR, via N alter.; \*3,000. \*2,500—MOCA.  
Ponca City, Okla., VOR; Tulsa, Okla., VOR; 2,500.  
Ponca City, Okla., VOR, via N alter.; Tulsa, Okla., VOR, via N alter.; \*3,000. \*2,500—MOCA.  
Ponca City, Okla., VOR, via S alter.; Okmulgee, Okla., VOR, via S alter.; \*3,000. \*2,500—MOCA.

Section 95.6077 *VOR Federal airway 77* is amended by adding:

Oklahoma City, Okla., VOR; Pioneer, Okla., VOR; \*2,900. \*2,500—MOCA.  
Pioneer, Okla., VOR; Mayfield INT, Kans.; \*3,000. \*2,500—MOCA.  
Langston INT, Okla., via E alter.; Pioneer, Okla., VOR, via E alter.; \*3,000. \*2,600—MOCA.

Section 95.6077 *VOR Federal airway 77* is amended to delete:

Langston INT, Okla., via E alter.; Ponca City, Okla., VOR, via E alter.; \*3,000. \*2,600—MOCA.  
Ponca City, Okla., VOR; Mayfield INT, Kans.; \*3,000. \*2,500—MOCA.

Section 95.6094 *VOR Federal airway 94* is amended to read in part:

Wink, Tex., VOR; Notrees INT, Tex.; 5,500.  
Notrees INT, Tex.; Midland, Tex., VOR; \*5,000. \*4,500—MOCA.  
Newman, Tex., VOR; Salt Flat, Tex., VOR; \*8,000. \*8,700—MOCA.  
Salt Flat, Tex., VOR; Delaware INT, Tex.; \*8,000. \*7,600—MOCA.

Section 95.6113 *VOR Federal airway 113* is amended to read in part:

Linden, Calif., VOR; \*Jackson INT, Calif.; 5,000. \*7,200—MCA Jackson INT, northeast bound.  
Jackson INT, Calif.; Spring Hill INT, Calif.; 10,000.

*From, to, MEA—Continued*

\*Spring Hill INT, Calif.; Steamboat INT, Nev.; \*\*13,000. \*13,000—MCA Spring Hill INT, northeast bound. \*\*12,000—MOCA.

Section 95.6114 *VOR Federal airway 114* is amended to read in part:

Gregg Co., Tex., VOR; Carthage INT, Tex.; \*2,300. \*1,700—MOCA.

Section 95.6165 *VOR Federal airway 165* is amended to read in part:

\*Redmond, Oreg., VOR; Elkhorn DME Fix, Oreg.; 12,500. \*9,300—MCA Redmond VOR, northwest bound.

Section 95.6187 *VOR Federal airway 187* is amended by adding:

Missoula, Mont., VOR; Orofino INT, Idaho; \*13,000. \*9,400—MOCA.  
Orofino INT, Idaho; Lewiston, Idaho, VOR, southwest bound; 5,500. Northeast bound; 10,000.  
Lewiston, Idaho, VOR; Dayton INT, Wash.; 7,000.  
Dayton INT, Wash.; Pasco, Wash., VOR; 4,000.

Section 95.6190 *VOR Federal airway 190* is amended by adding:

Capron INT, Okla.; Pioneer, Okla., VOR; \*5,000. \*2,500—MOCA.  
Pioneer, Okla., VOR; Bartlesville, Okla., VOR; \*3,000. \*2,500—MOCA.

Section 95.6190 *VOR Federal airway 190* is amended to delete:

Capron INT, Okla.; Ponca City, Okla., VOR; \*5,000. \*2,500—MOCA.  
Ponca City, Okla., VOR; Bartlesville, Okla., VOR; \*3,000. \*2,500—MOCA.

Section 95.6198 *VOR Federal airway 198* is amended to read in part:

Dow INT, Tex.; Fort Stockton, Tex., VOR; \*5,000. \*4,800—MOCA.

Section 95.6206 *VOR Federal airway 206* is amended to read in part:

Blue Springs, Mo., VOR; Lexington INT, Mo.; \*2,500. \*2,200—MOCA.

Section 95.6216 *VOR Federal airway 216* is amended to read in part:

Elm INT, Mich.; Saginaw, Mich., VOR; \*2,500. \*2,100—MOCA.

Section 95.6222 *VOR Federal airway 222* is amended to read in part:

Hoban INT, Tex.; Fort Stockton, Tex., VOR; \*5,000. \*4,800—MOCA.

Section 95.6229 *VOR Federal airway 229* is amended to read in part:

Belle Terre INT, N.Y.; \*Madison, Conn., VOR; 2,000. \*2,300—MCA Madison VOR northbound.

Section 95.6233 *VOR Federal airway 233* is amended to read in part:

Goshen, Ind., VOR; Litchfield, Mich., VOR; \*2,800. \*2,600—MOCA.

Section 95.6257 *VOR Federal airway 257* is amended to read in part:

Bannock INT, Idaho; \*Pocatello, Idaho, VOR; 9,000. \*7,800—MCA Pocatello VOR, southbound.

Section 95.6269 *VOR Federal airway 269* is amended to read in part:

Jackpot INT, Idaho; \*Twin Falls, Idaho, VOR; 10,000. \*7,500—MCA Twin Falls VOR, southbound.

*From, to, MEA—Continued*

Section 95.6275 *VOR Federal airway 275* is amended to read in part:

Cincinnati, Ohio, VOR; Camden INT, Ohio; 2,600.

Section 95.6293 *VOR Federal airway 293* is amended to read in part:

Eiko, Nev., VOR; \*Twin Falls, Idaho, VOR; 10,600. \*6,200—MCA Twin Falls VOR, southbound.

Section 95.6298 *VOR Federal airway 298* is amended to read in part:

Yakima, Wash., VOR; Sunnyside DME Fix, Wash.; 5,000.  
McCall, Idaho, VOR; Dubois, Idaho, VOR; \*16,000. \*14,000—MOCA.

Section 95.6301 *VOR Federal airway 301* is amended to read in part:

Santa Rosa, Calif., VOR; Kellogg INT, Calif.; 5,000.  
\*Kellogg INT, Calif.; Williams, Calif., VOR; \*\*7,000. \*6,000—MCA Kellogg INT, northeastbound. \*\*6,500—MOCA.

Section 95.6316 *VOR Federal airway 316* is amended to read in part:

Sault Ste Marie, Mich., VOR; United States-Canadian border; 2,600.

Section 95.6330 *VOR Federal airway 330* is amended to read in part:

\*Idaho Falls, Idaho, VOR; Ione INT, Idaho, southwest bound; 8,000. northeastbound; 10,000. \*7,700—MCA Idaho Falls VOR, northeast bound.

Section 95.6436 *VOR Federal airway 436* is amended to read in part:

Battle INT, Alaska; Augustine DME Fix, Alaska; \*7,000. \*6,700—MOCA.  
Augustine DME Fix, Alaska; Clam Gulch INT, Alaska; \*7,000. \*2,000—MOCA.  
Clam Gulch INT, Alaska; Kenai, Alaska, VOR; 2,000.  
Kenai, Alaska, VOR; Swanson DME Fix, Alaska; 2,000.  
Swanson DME Fix, Alaska; Anchorage, Alaska, VOR; 2,000.  
Augustine DME Fix, Alaska, via E alter.; Homer, Alaska, VOR, via E alter.; \*4,000. \*3,700—MOCA.  
Homer, Alaska, VOR, via E alter.; Kenai, Alaska, VOR, via E alter.; 4,000.

Section 95.6438 *VOR Federal airway 438* is amended to read in part:

Chatanika DME Fix, Alaska; Birch Creek DME Fix, Alaska; \*8,000. \*7,200—MOCA.  
Birch Creek DME Fix, Alaska; Fort Yukon, Alaska, VOR; 2,200.  
Fairbanks, Alaska, VOR, via E alter.; Discovery DME Fix, Alaska, via E alter.; \*8,000. \*7,000—MOCA.

Discovery DME Fix, Alaska, via E alter.; Fort Yukon, Alaska, VOR, via E alter.; 2,200.

Barren DME Fix, Alaska, via W alter.; Homer, Alaska, VOR, via W alter.; \*6,000. \*5,900—MOCA.

Skilka INT, Alaska; Naptowne INT, Alaska; 2,500.

Section 95.6454 *VOR Federal airway 454* is amended to read in part:

Banks INT, Ala.; Midway INT, Ala.; \*2,300. \*1,700—MOCA.

Section 95.6490 *VOR Federal airway 490* is amended to read in part:

Cambridge, N.Y., VOR; Brattleboro INT, Vt.; 6,000.

Section 95.6500 *VOR Federal airway 500* is amended to read in part:



From, to, MEA—Continued

Harper INT, Oreg.; Parma INT, Idaho, east-bound; 6,000, westbound; 11,000.

Section 95.6504 *VOR Federal airway 504* is amended to read in part:

Nenana, Alaska, VOR; Rampart INT, Alaska; \*7,000. \*6,400—MOCA.  
Rampart INT, Alaska; \*Kanutli DME Fix, Alaska; \*\*7,000. \*4,400—MOCA Kanuti DME Fix, southeast bound. \*\*6,400—MOCA.  
Kanutli DME Fix, Alaska; Bettles, Alaska, VOR; \*3,500. \*3,200—MOCA.

Section 95.6516 *VOR Federal airway 516* is amended to delete:

Anthony, Kans., VOR; Ponca City, Okla., VOR; \*3,000. \*2,600—MOCA.  
Ponca City, Okla., VOR; Tyro INT, Kans.; \*3,100. \*2,500—MOCA.

Section 95.6516 *VOR Federal airway 516* is amended by adding:

Anthony, Kans., VOR; Pioneer, Okla., VOR; \*3,000. \*2,800—MOCA.  
Pioneer, Okla., VOR; Tyro INT, Kans.; \*3,100. \*2,500—MOCA.

From, to, MEA, and MAA

Section 95.7002 *Jet Route No. 2* is amended to delete:

Gila Bend, Ariz., VORTAC; San Simon, Ariz., VOR; 18,000; 45,000.  
San Simon, Ariz., VOR; El Paso, Tex., VORTAC; 18,000; 45,000.

Section 95.7002 *Jet Route No. 2* is amended by adding:

Gila Bend, Ariz., VORTAC; Cochise, Ariz., VORTAC; 18,000; 45,000.  
Cochise, Ariz., VORTAC; El Paso, Tex., VORTAC; 18,000; 45,000.

Section 95.7004 *Jet Route No. 4* is amended to delete:

Blythe, Calif., VORTAC; Gila Bend, Ariz., VORTAC; 18,000; 45,000.  
Gila Bend, Ariz., VORTAC; San Simon, Ariz., VORTAC; 18,000; 45,000.  
San Simon, Ariz., VORTAC; El Paso, Tex., VORTAC; 18,000; 45,000.  
El Paso, Tex., VORTAC; Wink, Tex., VOR; 18,000; 45,000.

Section 95.7004 *Jet Route No. 4* is amended by adding:

Casa Grande, Ariz., VORTAC; San Simon, Ariz., VORTAC; 18,000; 45,000.  
San Simon, Ariz., VORTAC; Newman, Tex., VORTAC; 18,000; 45,000.  
Newman, Tex., VORTAC; Wink, Tex., VORTAC; 18,000; 45,000.

Section 95.7023 *Jet Route No. 23* is amended to delete:

Oklahoma City, Okla., VORTAC; Ponca City, Okla., VORTAC; 18,000; 45,000.  
Ponca City, Okla., VORTAC; Wichita, Kans., VORTAC; 18,000; 45,000.

Section 95.7023 *Jet Route No. 23* is amended by adding:

Oklahoma City, Okla., VORTAC; Pioneer, Okla., VORTAC; 18,000; 45,000.  
Pioneer, Okla., VORTAC; Wichita, Kans., VORTAC; 18,000; 45,000.

Section 95.7050 *Jet Route No. 50* is amended by adding:

San Simon, Ariz., VORTAC; El Paso, Tex., VORTAC; 18,000; 45,000.

Section 95.7104 *Jet Route No. 104* is amended by adding:

From, to, MEA, and MAA—Continued

Blythe, Calif., VORTAC; Gila Bend, Ariz., VORTAC; 18,000; 45,000.

Section 95.7058 *Jet Route No. 58* is amended to read in part:

New Orleans, La., VORTAC; \*Neptune INT, La.; 18,000; 45,000. \*19,000—MRA.

Section 95.7501 *Jet Route No. 501* is amended to read in part:

Yakutat, Alaska, VORTAC; Johnstone Point, Alaska, VORTAC; 18,000; 45,000.  
Johnstone Point, Alaska, VORTAC; Anchorage, Alaska, VORTAC; 18,000; 45,000.

Section 95.7552 *Jet Route No. 552* is added to read:

St. George, Quebec, Canada; Pt. Menier, Quebec, Canada RBN; 18,000; 45,000. Approved for that portion of Rte. within continental United States.

"2. By amending Subpart D as follows:"

From, to—Changeover point: Distance; from V-187 is amended by adding:

Section 95.8003 *VOR Federal airway changeover points:*

Missoula, Mont., VOR; Lewiston, Idaho, VOR; 35; Missoula.

V-194 is amended by adding:  
Norcross, Ga., VORTAC; Toccoa, Ga., VORTAC; 10; Norcross.

V-216 is amended by adding:  
Janesville, Wis., VOR; Muskegon, Mich., VOR; 92; Janesville.

V-222 is amended by adding:  
Norcross, Ga., VORTAC; Toccoa, Ga., VORTAC; 10; Norcross.

V-311 is amended by adding:  
Norcross, Ga., VORTAC; Toccoa, Ga., VORTAC; 10; Norcross.

Section 95.8005 *Jet routes changeover points:*

J-501 is amended by adding:  
United States-Canadian border; Blorka Island, Alaska, VORTAC; 159; Blorka Island.

J-501 is amended to delete:  
Sandspit, Canada, VOR; Blorka Island, Alaska, VORTAC; 169; Blorka Island.

J-501 is amended to read in part:  
Yakutat, Alaska, VORTAC; Johnstone Point, Alaska, VORTAC; 117; Yakutat.

(Secs. 307, 1110, Federal Aviation Act of 1958, 49 U.S.C. 1348, 1510)

Issued in Washington, D.C., on April 24, 1972.

WILLIAM G. SHREVE, Jr.,  
Acting Director,  
Flight Standards Service.

[FR Doc.72-6639 Filed 5-2-72; 8:45 am]

## Chapter II—Civil Aeronautics Board

### SUBCHAPTER A—ECONOMIC REGULATIONS

[Reg. ER-728, Amdt. 3]

## PART 208—TERMS, CONDITIONS AND LIMITATIONS OF CERTIFICATES TO ENGAGE IN SUPPLEMENTAL AIR TRANSPORTATION

### Tariffs and Terms of Service

Adopted by the Civil Aeronautics Board at its office in Washington, D.C., on the 28th day of April 1972.

By ER-685, effective May 8, 1971, and published at 36 F.R. 7439, the Board re-

issued Part 208 so as to incorporate therein all amendments which had been adopted on or before April 13, 1971. In paragraphs (a) and (b) of § 208.32, entitled "Tariffs and terms of service," the reference to charters of less than the entire capacity of an aircraft incorrectly cites: "(As defined in § 208.3(s))." The reference to split charters should cite: "(See § 208.6(c))." This amendment corrects said reference.<sup>1</sup>

This regulation is issued by the undersigned pursuant to a delegation of authority from the Board to the General Counsel in 14 CFR 385.19, and shall become effective on May 23, 1972. Procedures for review of this amendment by the Board are set forth in Subpart C of Part 385 (14 CFR 385.50 and 385.54).

Accordingly, the Board hereby amends Part 208 of the Economic Regulations (14 CFR Part 208) effective May 23, 1972, as follows:

1. Amend paragraphs (a) and (b) of § 208.32 to read as follows:

§ 208.32 Tariffs and terms of service.

(a) No air carrier shall perform any supplemental air transportation unless such air carrier shall have on file with the Board, pursuant to Part 221 of this chapter, a currently effective tariff showing all rates, fares, and charges for the use of the entire capacity or less than the entire capacity (see § 208.6(c)) of one or more aircraft in such supplemental air transportation and showing all rules, regulations, practices, and services in connection with such supplemental air transportation, including eligibility requirements for charter groups not inconsistent with those established in this part.

(b) The total charter price and other terms of service rendered pursuant to this part shall conform to those set forth in the applicable tariff on file with the Board and in force at the time of the respective charter flight and the contract must be for the entire capacity or for less than the entire capacity (see § 208.6(c)) of one or more aircraft. Where a carrier's charter charge computed according to a mileage tariff includes a charge for ferry mileage, the carrier shall refund to the charterer any sum charged for ferry mileage which is not in fact flown in the performance of the charter: *Provided*, That the carrier shall not charge the charterer for ferry mileage flown in addition to that stated in the contract unless such mileage is flown for the convenience of and at the express direction of the charterer.

(Sec. 204(a) of the Federal Aviation Act of 1958, as amended, 72 Stat. 743; 49 U.S.C. 1324)

Adopted: April 28, 1972.

By the Civil Aeronautics Board.

[SEAL] R. TENNEY JOHNSON,  
General Counsel.

[FR Doc.72-6740 Filed 5-2-72; 8:49 am]

<sup>1</sup> A similar error was made in Part 214 and is being corrected by ER-729 issued contemporaneously herewith.



[Reg. ER-729, Amdt. 5]

# **PART 214—TERMS, CONDITIONS, AND LIMITATIONS OF FOREIGN AIR CARRIER PERMITS AUTHORIZING CHARTER TRANSPORTATION ONLY**

## **Tariffs To Be Filed; Terms of Service**

Adopted by the Civil Aeronautics Board at its office in Washington, D.C., on the 28th day of April 1972.

In ER-728, issued contemporaneously herewith, the Board corrected a citation in § 208.32, entitled "Tariffs and terms of service." This amendment corrects a similar error in §§ 214.13 and 214.14. Whereas present paragraphs (a) of §§ 214.13 and 214.14, respectively, incorrectly cite: "As defined in § 214.2(b)(2)," the correct citation is "(see § 214.7(b))."

This regulation is issued by the undersigned pursuant to a delegation of authority from the Board to the General Counsel in 14 CFR 385.19, and shall become effective on May 23, 1972.

Procedures for review of this amendment by the Board are set forth in Subpart C of Part 385 (14 CFR 385.50 and 385.54).

Accordingly, the Board hereby amends Part 214 of the Economic Regulations (14 CFR Part 214) effective May 23, 1972, as follows:

1. Amend paragraph (a) of § 214.13 to read as follows:

### **§ 214.13 Tariffs to be on file.**

(a) Prior to performing any foreign air transportation governed by this part, a foreign air carrier shall have on file with the Board a currently effective tariff filed in accordance with Part 221 of the economic regulations (Part 221 of this chapter) showing all rates, fares, and charges for the use of the entire capacity, or less than the entire capacity (see § 214.7(b)), of one or more aircraft in such foreign air transportation and showing all rules, regulations, practices, and services in connection with such foreign air transportation, including eligibility requirements for charter groups not inconsistent with those established in this part.

2. Amend paragraph (a) of § 214.14 to read as follows:

### **§ 214.14 Terms of service.**

(a) The total charter price and other terms of service rendered pursuant to this part shall conform to those set forth in the applicable tariff on file with the Board and in force at the time of the respective charter flight, and the contract must be for the entire capacity, or less than the entire capacity (see § 214.7(b)), of one or more aircraft. Where a carrier's charter charge computed according to a mileage tariff includes a charge for ferry mileage, the carrier shall refund to the charterer any sum charged for ferry mileage which is not in fact flown in the performance of the charter: *Provided*, That the carrier shall not charge the charterer for ferry mileage flown in addition to that stated in the contract unless

such mileage is flown for the convenience of and at the express direction of the charterer.

(Sec. 204(a) of the Federal Aviation Act of 1958, as amended, 72 Stat. 743; 49 U.S.C. 1324)

Adopted: April 28, 1972.

By the Civil Aeronautics Board.

[SEAL] R. TENNEY JOHNSON,  
General Counsel.

[FR Doc. 72-6741 Filed 5-2-72; 8:49 am]

[Reg. ER-730, Amdt. 6]

# **PART 287—EXEMPTION AND APPROVAL OF CERTAIN INTERLOCKING RELATIONSHIPS**

## **Air Carriers and Commercial Lending Institutions**

Adopted by the Civil Aeronautics Board at its office in Washington, D.C., on the 28th day of April 1972.

Section 287.3a (14 CFR Part 287) of the Economic Regulations exempts direct air carriers with respect to interlocking relationships involving the directors of air carriers who are also directors, officers, or employees of commercial lending institutions which do not lease aircraft to the air carrier. This provision being merely permissive does not grant anti-trust immunity, but merely allows such interlocks to exist without first obtaining the approval of the Board under Part 251 of the Board's Economic Regulations, as otherwise required by section 409(a) of the Federal Aviation Act of 1958, as amended.

In adopting § 287.3a, the Board provided that the exemption shall expire after 3 years (i.e., on March 30, 1969), since the exemption is experimental and involves some risk of potential conflict of interest. As experience under the exemption has not disclosed any basis for termination, the Board has already granted three 1-year extensions of the expiration date, to April 30, 1972, and now, for the same reason, has decided to again extend the expiration date of § 287.3a to April 30, 1973.

As this amendment extends the relief provided in the existing regulation, notice and public procedure hereon are unnecessary and the amendment may be made effective upon less than 30 days' notice.

Accordingly, the Civil Aeronautics Board hereby amends § 287.3a effective May 1, 1972, by extending the expiration date from April 30, 1972 to April 30, 1973. As amended, § 287.3a will read as follows:

### **§ 287.3a Exemption of air carriers with respect to interlocking relationships with commercial lending institutions.**

In addition to the exemptions provided in §§ 287.2 and 287.3, and subject to the other provisions of this part, air carriers are hereby relieved from the provisions of section 409(a) of the Act and Part 251 of this chapter with respect to any interlocking relationship between any such air carrier and a commercial lending in-

stitution which does not lease aircraft to the air carrier: *Provided, however*, That such exemption shall expire on April 30, 1973, and shall extend only to the relationship involving a director of the air carrier who is not an officer or employee of the air carrier or a stockholder holding a controlling interest in the air carrier (or the representative or nominee of any such person) and who is not a member of the commercial lending institution: *Provided further*, That in order to qualify for an exemption under this section air carriers shall file with the Bureau of Operating Rights annual reports on or before April 1 of each year showing for the previous calendar year (a) the names and addresses of all directors of the air carrier who were also directors, officers, or employees of commercial lending institutions; (b) the names and addresses of such commercial lending institutions; and (c) a description of all transactions between the air carrier (and/or its directors, who were also officers or directors of commercial lending institutions) and such commercial lending institutions.

(Secs. 101(3), 204(a), 409, 416; 72 Stat. 737, 743, 768 and 771; 49 U.S.C. 1301, 1324, 1379 and 1386)

Adopted: April 28, 1972.

By the Civil Aeronautics Board.

[SEAL] HARRY J. ZINK,  
Secretary.

[FR Doc. 72-6742 Filed 5-2-72; 8:49 am]

# **Title 19—CUSTOMS DUTIES**

## **Chapter I—Bureau of Customs, Department of the Treasury**

[T.D. 72-122]

# **PART 16—LIQUIDATION OF DUTIES**

## **Countervailing Duties on Compressors and Parts Thereof From Italy**

Notice of countervailing duties to be imposed under section 303, Tariff Act of 1930, by reason of the payment or bestowal of a bounty or grant on exportation of compressors and parts thereof from Italy.

In the FEDERAL REGISTER of March 2, 1972 (37 F.R. 4367), the Commissioner of Customs announced that information had been received in proper form pursuant to § 16.24(b) of the Customs regulations (19 CFR 16.24(b)) which appeared to indicate that certain payments made by the Government of Italy on the exportation from Italy of compressors and parts thereof constitute the payment or bestowal of a bounty or grant, directly or indirectly, within the meaning of section 303 of the Tariff Act of 1930 (19 U.S.C. 1303) upon the manufacture, production, or exportation of the merchandise to which the payments apply. The notice provided interested parties 30 days from the date of publication to submit data, views, or arguments with regard to the existence or nonexistence and the net amount of a bounty or grant.



An investigation was conducted pursuant to § 16.24(d) of the Customs regulations (19 CFR 16.24(d)).

After consideration of all information received, the Bureau is satisfied that exports of compressors and parts thereof from Italy are subject to bounties or grants within the meaning of section 313.

Accordingly, notice is hereby given that compressors and parts thereof imported directly or indirectly from Italy, if entered for consumption or withdrawn from warehouse for consumption after the expiration of 30 days after publication of this notice in the Customs Bulletin, will be subject to the payment of countervailing duties equal to the net amount of any bounty or grant determined or estimated to have been paid or bestowed.

In accordance with section 303, the net amount of the bounties or grants under the information presently available has been ascertained and determined or estimated to be as specified in Appendix A.<sup>1</sup> Because information regarding the exact amount of the bounties or grants is incomplete, further declarations of the net amount of the bounties or grants ascertained and determined or estimated to have been paid upon the exportation of compressors and parts thereof from Italy will be published in subsequent issues of the Customs Bulletin.

Effective on the 31st day after the date of publication of the notice in the Customs Bulletin and until further notice, upon the entry for consumption or withdrawal from warehouse for consumption of such dutiable compressors and parts thereof imported directly or indirectly from Italy which benefit from such bounties or grants, there shall be collected, in addition to any other duties estimated or determined to be due, countervailing duties in the amount ascertained in accordance with the above declarations.

The liquidation of all entries for consumption or withdrawals from warehouse for consumption of such dutiable compressors and parts thereof imported directly or indirectly from Italy which benefit from these bounties or grants and are subject to the order shall be suspended pending further declaration of the net amount of the bounties or grants paid. A deposit of the estimated countervailing duty, in the appropriate amount, shall be required at the time of entry for consumption or withdrawal from warehouse for consumption.

Any merchandise subject to the terms of this order shall be deemed to have benefited from a bounty or grant if such bounty or grant has been or will be paid or credited, directly or indirectly, upon the manufacture, production, or exportation of such compressors and parts thereof.

The table in § 16.24(f) of the Customs regulations (19 CFR 16.24(f)) is amended by inserting after the last en-

try for Italy, the words "Compressors and parts thereof" in the column headed "Commodity," the number of this Treasury Decision in the column headed "Treasury Decision," and the words "Bounty Declared—Rate" in the column headed "Action."

(R.S. 251, secs. 303, 624; 46 Stat. 687, 759; 19 U.S.C. 86, 1303, 1624)

[SEAL] LEONARD LEHMAN,  
Acting Commissioner of Customs.

Approved: May 1, 1972.

EUGENE T. ROSSIDES,  
Assistant Secretary of the  
Treasury.

[FR Doc.72-6839 Filed 5-2-72;9:32 am]

## Title 30—MINERAL RESOURCES

### Chapter I—Bureau of Mines, Department of the Interior

#### SUBCHAPTER O—COAL MINE HEALTH AND SAFETY

#### PART 75—MANDATORY SAFETY STANDARDS, UNDERGROUND COAL MINES

##### New Openings in Mines Operated Entirely in Coal Seams Located Above Watertable; Certain Not Classed Gassy Mines

On Thursday, December 9, 1971, there was published in the FEDERAL REGISTER (36 F.R. 23392) a notice of proposed rule making which contained proposed amendments to Part 75, Chapter I, Subchapter O, Title 30, Code of Federal Regulations, setting forth procedures and guidelines to aid in determining whether a new opening from the surface is a new mine, or whether a new opening from the surface is part of an existing mine coming under section 305(a)(2) of the Act (that is, a coal mine which is operated entirely in coal seams located above the watertable and which has not been classified under any provision of law as a gassy mine prior to March 30, 1970, and in which one or more openings were made prior to December 30, 1969).

A period of 30 days was provided during which interested persons were invited to submit written data, views, or arguments regarding the proposals. Three comments were received. Two comments were generally favorable to the proposal and one questioned the proposing of the amendments under the authority of section 508 of the Act. No comments were received which objected to the substance of the proposals. The proposed regulations are intended to provide guidance to both operators and the Bureau of Mines in making factual determinations, rather than as safety standards per se, and thus were proposed under the authority of section 508 of the Act.

Part 75, Chapter I, Subchapter O, Title 30, Code of Federal Regulations is amended by adding § 75.501-3 as set forth below. Section 75.501-3 shall be-

come effective upon publication in the FEDERAL REGISTER (5-3-72).

JOHN B. RIGG,  
Deputy Assistant  
Secretary of the Interior.

APRIL 27, 1972.

§ 75.501-3 New openings; mines above watertable and never classed gassy.

(a) Where a new opening(s) is proposed to be developed by shaft, slope, or drift from the surface to, or in, any coalbed and the operator considers such proposed new opening(s) to be a part of a mine coming under section 305(a)(2) of the Act and § 75.501 the operator shall so notify the District Manager for the District in which the mine is located in writing prior to the date any actual development (in coal) through such opening(s) is undertaken. Such notification shall include the following information:

(1) Name, address, and identification number of the existing mine.

(2) A current map of the existing mine clearly setting out the proposed new opening(s), mining plan and planned interconnection, if any, with existing workings.

(3) A statement as to when the operator obtained the right to mine the coal which the proposed new opening(s) will traverse.

(4) The name of the coalbeds currently being mined and those which the new opening(s) will traverse.

(5) The expected life of the mine.

(6) The reason(s) for the proposed new opening(s) (for example, haulage, ventilation, drainage, to avoid bad roof, escapeway).

The District Manager shall require submission of any additional information he considers pertinent.

(b) The District Manager shall make a determination based on all of the information submitted by the operator as to whether the proposed new opening(s) will be considered as a part of the existing mine or as a new mine. The following guidelines and criteria shall be used by the District Manager in making his determination:

(1) The effect that the proposed new opening(s) will have on the safety of the men working in the existing mine shall be considered of primary importance.

(2) Whether the operator had a right to mine the coal which the proposed new openings will traverse prior to the date of enactment of the Act (December 30, 1969) and whether the original mining plan included mining such coal.

(3) Whether, in accordance with the usual mining practices common to the particular district, the proposed new openings would have been considered a new mine or part of the existing mine. A number of factors will be considered including, but not limited to:

(i) The relationship between the coalbeds currently being mined, and those proposed to be mined;

(ii) the distance between existing openings and the proposed new opening(s);

(iii) The projected time elapsing between the start of the new opening(s)

<sup>1</sup> Appendix A filed as part of the original document.



and planned interconnection, if any, with the existing mine; and

(iv) The projected tonnage of coal which is expected to be mined prior to interconnection where interconnection is planned.

The District Manager shall notify the operator in writing within 30 days of receiving all of the information, required and requested, of his determination. No informal notification shall be given.

(c) All new opening(s) shall be operated as a new mine prior to receiving a written notification from the District Manager that such new opening(s) will be considered part of an existing mine coming under section 305(a)(2) of the Act and § 75.501.

(d) Nothing in this § 75.501-3 shall be construed to relieve the operator from compliance with any of the mandatory standards contained in this Part 75.

[FR Doc.72-6747 Filed 5-2-72;8:49 am]

## Title 33—NAVIGATION AND NAVIGABLE WATERS

Chapter I—Coast Guard,  
Department of Transportation

[CGD 71-47 CR]

### PART 117—DRAWBRIDGE OPERATION REGULATIONS

North River, Mass.; Correction of Effective Date

The effective date of the revision of § 117.77 of Part 117 of title 33 of the Code of Federal Regulations, which appeared in the FEDERAL REGISTER on April 5, 1972 (37 F.R. 6846), is less than 30 days after the publication of the revision in the FEDERAL REGISTER. Therefore, to comply with the administrative procedures requirements in section 553 (d) of title 5 of the United States Code, the effective date of the revision in F.R. Doc. 72-5210 is corrected to read as follows:

*Effective date.* This revision is effective on May 5, 1972.

Dated: April 27, 1972.

W. M. BENKERT,  
Rear Admiral, U.S. Coast Guard,  
Chief, Office of Marine Environment and Systems.

[FR Doc.72-6712 Filed 5-2-72;8:47 am]

## Title 47—TELECOMMUNICATION

Chapter I—Federal Communications Commission

### PART 0—COMMISSION ORGANIZATION

Location of Field Offices and Monitoring Stations

Correction

In F.R. Doc. 72-6223 appearing at page 8076 in the issue of Tuesday, April 25,

1972, the first line of the third entry in the table under § 0.121(a) reading "10 ---- Room 13E7, 1100 Commerce St., ---- Oklahoma ---- All counties." should read "19 ---- 1054 Federal Building, Washington ---- Kentucky ---- Bath, Bell, Boone, Bourbon, Boyd, Bracken".

## Title 41—PUBLIC CONTRACTS AND PROPERTY MANAGEMENT

Chapter 60—Office of Federal Contract Compliance, Equal Employment Opportunity, Department of Labor

### PART 60-7—ST. LOUIS PLAN

Requirements, Terms, and Conditions of Awarding Federal Construction Contracts

Correction

In F.R. Doc. 72-6282, appearing at page 8074 in the issue of Tuesday, April 25, 1972, in the seventh line of the last paragraph under the heading of "Requirements, Terms, and Conditions", in § 60-7.30, the word "not" should be deleted.

## Title 49—TRANSPORTATION

Chapter X—Interstate Commerce Commission

SUBCHAPTER A—GENERAL RULES AND REGULATIONS

[S.O. 1074, Amdt. 5]

### PART 1033—CAR SERVICE

Union Pacific Railroad Co. Authorized To Operate Over Certain Trackage of Burlington Northern Inc.

At a session of the Interstate Commerce Commission, Railroad Service Board, held in Washington, D.C., on the 25th day of April 1972.

Upon further consideration of Service Order No. 1074 (36 F.R. 12225, 25424; 37 F.R. 1046, 4429, 7159), and good cause appearing therefor:

It is ordered, That § 1033.1074 Service Order No. 1074 (Union Pacific Railroad Co. authorized to operate over certain trackage of Burlington Northern Inc.) be, and it is hereby, amended by substituting the following paragraph (e) for paragraph (e) thereof:

(e) *Expiration date.* This order shall expire at 11:59 p.m., August 31, 1972, unless otherwise modified, changed, or suspended by order of this Commission.

*Effective date.* This amendment shall become effective at 11:59 p.m., April 30, 1972.

(Secs. 1, 12, 15, and 17(2), 24 Stat. 379, 383, 384, as amended; 49 U.S.C. 1, 12, 15, and 17(2). Interprets or applies secs. 1(10-17), 15(4), and 17(2), 40 Stat. 101, as amended, 54 Stat. 911; 49 U.S.C. 1(10-17), 15(4), and 17(2))

It is further ordered, That copies of this amendment shall be served upon the Association of American Railroads, Car Service Division, as agent of all railroads subscribing to the car service and car hire agreement under the terms of that agreement, and upon the American Short Line Railroad Association; and that notice of this order be given to the general public by depositing a copy in the Office of the Secretary of the Commission at Washington, D.C., and by filing it with the Director, Office of the Federal Register.

By the Commission, Railroad Service Board.

[SEAL]

ROBERT L. OSWALD,  
Secretary.

[FR Doc.72-6728 Filed 5-2-72;8:49 am]

## Title 50—WILDLIFE AND FISHERIES

Chapter I—Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Department of the Interior

### PART 32—HUNTING

Clarence Cannon National Wildlife Refuge, Mo.

The following special regulation is issued and is effective on date of publication in the FEDERAL REGISTER (5-3-72).

§ 32.22 Special regulations: upland game; for individual wildlife refuge areas.

MISSOURI

CLARENCE CANNON NATIONAL WILDLIFE REFUGE

Public hunting of squirrels on the Clarence Cannon National Wildlife Refuge is permitted only on the area designated by signs as open to hunting. This open area, comprising 3,746 acres, is delineated on a map available from the refuge headquarters and from the Regional Director, Bureau of Sport Fisheries and Wildlife, Federal Building, Fort Snelling, Twin Cities, Minn. 55111. Hunting shall be in accordance with all applicable State regulations concerning the hunting of squirrels subject to the following conditions:

(1) The open season for hunting squirrels on the refuge is from May 30, 1972 through September 30, 1972, inclusively.

The provision of this special regulation supplements the regulations which govern hunting on wildlife refuges generally, which are set forth in Title 50, Code of Federal Regulations, Part 32, and are effective through September 30, 1972.

LESLIE F. BEATY,  
Refuge Manager, Clarence Cannon National Wildlife Refuge,  
Annada, Mo.

APRIL 25, 1972.

[FR Doc.72-6689 Filed 5-2-72;8:45 am]



# Proposed Rule Making

## DEPARTMENT OF THE TREASURY

Internal Revenue Service

[ 6 CFR Part 401 ]

### SUBPENAS AND OATHS

#### Proposed Procedures for Issuance and Administration

Notice is hereby given that the regulations set forth in tentative form below are proposed to be prescribed by the Commissioner of Internal Revenue. Prior to the final adoption of such regulations, consideration will be given to any comments or suggestions pertaining thereto which are submitted in writing, preferably in quintuplicate, to the Commissioner of Internal Revenue, Attention: CC:S:R, Washington, D.C. 20224, within 10 days after publication of this notice in the *FEDERAL REGISTER*. The proposed regulations are to be issued under the authority contained in section 206 of the Economic Stabilization Act of 1970, as amended (85 Stat. 747), Executive Order No. 11640 (37 F.R. 1213, January 27, 1972), Cost of Living Council Order No. 8 (37 F.R. 2727, February 4, 1972), Price Commission Order No. 2 (37 F.R. 3212, February 12, 1972), Pay Board Order No. 4 (37 F.R. 3792, February 19, 1972), Treasury Department Order No. 150-77 (37 F.R. 5513, March 16, 1972), Internal Revenue Service Order No. 123 (37 F.R. 5763, March 21, 1972).

JOHNNIE M. WALTERS,

Commissioner of Internal Revenue.

In order to establish procedures for the issuance of subpoenas and the administration of oaths pursuant to section 206 of the Economic Stabilization Act of 1970, as amended (85 Stat. 747), and to designate those officers and employees of the Internal Revenue Service who may issue such subpoenas and administer such oaths the procedural rules relating to economic stabilization matters (6 CFR Part 401) are amended by adding a new Subpart L which reads as follows:

#### Subpart L—Issuance of Subpoenas and Administration of Oaths

##### § 401.1011 Authority to issue subpoenas.

(a) *In general.* For the purpose of determining whether there has been compliance with the provisions of the Economic Stabilization Act of 1970 (Public Law 91-379, 84 Stat. 799), as amended, any authorized officer or employee of the Internal Revenue Service may examine any books, papers, records, or other data of any person described in paragraph (b) (1), (2), (3), or (4) of this section which may be relevant or material to such inquiry and take from

such person, under oath, testimony which may be relevant or material to such inquiry.

(b) *Subpoenas.* For the purpose described in paragraph (a) of this section, the officers and employees of the Internal Revenue Service designated in paragraph (c) of this section, are authorized to summon—

(1) Any person or persons chargeable with compliance with the President's Economic Stabilization Program;

(2) Any officer or employee of such a person;

(3) Any person having possession, custody, or care of books of account, papers, records, or other data relating to the business or affairs of such a person; or

(4) Any other person deemed proper, including (but not limited to) officials and employees of any employee's union (or its bargaining agent) or of any professional or trade association,

to appear before a designated officer or employee of the Internal Revenue Service at a time and place named in the subpoena and to produce such books, records, papers, or other data, and to give such testimony, under oath, as may be relevant or material to such inquiry. The officers and employees designated in paragraph (c) of this section may designate any other employee of the Internal Revenue Service as the individual before whom a person subpoenaed, pursuant to section 206 of the Act, shall appear. Any such other employee, when so designated in a subpoena, is authorized to take under oath the testimony of the person subpoenaed and to receive and examine books, papers, records, and other data produced in compliance with a subpoena.

(c) *Persons who may issue subpoenas.* The following officers and employees of the Internal Revenue Service, referred to in paragraph (b) of this section, are authorized to issue subpoenas—

(1) Assistant Commissioner (Stabilization),

(2) Regional Commissioners,

(3) Assistant Regional Commissioners (Appellate),

(4) Assistant Regional Commissioners (Stabilization),

(5) Regional Inspectors,

(6) District Directors, and

(7) Director of International Operations.

The authority to issue subpoenas may be redelegated only by such officers and employees and may not be redelegated by those persons to whom such officers and employees redelegate.

##### § 401.1012 Service of subpoenas.

A subpoena issued pursuant to § 401.1011 may be served by any authorized officer or employee of the Internal Revenue Service. Service may be made upon a

natural person by personal delivery to the subpoenaed person of an attested copy of such subpoena or by leaving an attested copy of such subpoena at his usual place of abode with some person of suitable age and discretion residing therein. Service may be made upon a domestic or foreign corporation or upon a partnership or unincorporated association which is subject to suit under a common name by personal delivery of an attested copy of the subpoena to an officer, to a managing or general agent, or to any other agent authorized by appointment or by law to receive service of process. The certificate of service signed by the person serving the subpoena shall be evidence of the facts it states on the hearing of an application for the enforcement of the subpoena. When the subpoena requires the production of books, papers, records, or other data, it shall be sufficient if such books, papers, records, or other data are described with reasonable certainty.

##### § 401.1013 Appearance of the person subpoenaed.

The time and place of examination stated in a subpoena issued pursuant to § 401.1011 shall be such as are reasonable under the circumstances. However, the date fixed for the appearance of the person subpoenaed and the production of any books, papers, records, or other data under subpoena which may be relevant and material to such inquiry shall not be less than 5 days from the date of service. The attendance of witnesses and the production of records may be required from any State, possession, territory, Commonwealth, the District of Columbia, or any other place subject to the jurisdiction of the United States. Witnesses subpoenaed shall be paid in accordance with the provisions of 28 U.S.C. 1821.

##### § 401.1014 Enforcement of subpoena.

Whenever any person is subpoenaed pursuant to § 401.1011, the U.S. District Court for the district in which such person resides or is found shall have jurisdiction by appropriate process to compel such attendance, testimony, or the production of books, papers, records, or other data.

##### § 401.1015 Authority to administer oaths.

Any officers and employees of the Internal Revenue Service when so designated in a subpoena issued pursuant to § 401.1011 and the officers and employees of the Internal Revenue Service designated in paragraph (c) of § 401.1011 are authorized to administer such oaths or affirmations and certify to such papers as may be necessary in the administration and enforcement of the President's Economic Stabilization Program.

[FR Doc.72-6717 Filed 5-2-72;8:48 am]



# DEPARTMENT OF AGRICULTURE

## Agricultural Marketing Service

[ 7 CFR Part 987 ]

### DOMESTIC DATES PRODUCED OR PACKED IN RIVERSIDE COUNTY, CALIF.

#### Proposed Authorization To Export Utility Dates to Mexico

Notice is hereby given of proposals to amend (1) § 987.156 of Subpart—Administrative Rules and Regulations (7 CFR 987.100-987.174; 36 F.R. 23137; 37 F.R. 1159; 37 F.R. 5282; 37 F.R. 6566; 37 F.R. 6729; 37 F.R. 7873) to authorize the exportation of utility dates to Mexico, and (2) § 987.203(b) of Subpart—Grade and Size Regulations (7 CFR 987.202-987.218; 36 F.R. 23894; 37 F.R. 4900; 37 F.R. 5282; 37 F.R. 6729; 37 F.R. 7874) to modify the grade requirements for restricted dates exported to Mexico. The subparts are operative pursuant to the marketing agreement, as amended, and Order No. 987, as amended (7 CFR Part 987), regulating the handling of domestic dates produced or packed in Riverside County, Calif. The amended marketing agreement and order are effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674). The proposals were recommended by the California Date Administrative Committee.

Consideration will be given to any written data, views, or arguments pertaining to the proposals which are received by the Hearing Clerk, U.S. Department of Agriculture, Room 112, Administration Building, Washington, D.C. 20250, not later than 7 days after publication of this notice in the FEDERAL REGISTER. All written submissions made pursuant to this notice should be in quadruplicate and will be made available for public inspection at the office of the Hearing Clerk during regular business hours (7 CFR 1.27(b)).

The proposals are as follows:

1. Amend § 987.156 of Subpart—Administrative Rules and Regulations (7 CFR 987.100-987.174; 36 F.R. 23137; 37 F.R. 1159; 37 F.R. 5282; 37 F.R. 6566; 37 F.R. 6729; 37 F.R. 7873) by adding a new paragraph (b) to read as follows:

§ 987.156 Disposition of utility dates.

(b) *Specified export outlets.* Utility dates of any variety inspected and certified in accordance with § 987.56 may be exported to Mexico for the remainder of the 1971-72 crop year, ending September 30, 1972.

2. Amend § 987.203(b) of Subpart—Grade and Size Regulations (7 CFR 987.202-987.218; 36 F.R. 23894; 37 F.R. 4900; 37 F.R. 5282; 37 F.R. 6729; 37 F.R. 7874) by revising paragraph (b) (2) to read as follows:

§ 987.203 Additional grade regulations.

(2) *Restricted dates to be disposed of in other approved outlets.* Dates withheld

from handling pursuant to § 987.45 to be disposed of pursuant to § 987.55 as products or by export to Mexico shall meet the minimum standards of quality set forth in § 987.202.

Dated: April 27, 1972.

PAUL A. NICHOLSON,  
Deputy Director, Fruit and Vegetable Division, Agricultural Marketing Service.

[FR Doc.72-6707 Filed 5-2-72;8:47 am]

## INTERSTATE COMMERCE COMMISSION

[ 49 CFR Ch. X ]

[Ex Parte 268]

### DETERMINATION OF AVOIDABLE LOSSES

#### Order To Show Cause Correction

In F.R. Doc. 72-6371 appearing at page 8388 in the issue of Wednesday, April 26, 1972, the Ex Parte number in brackets should appear as set forth above.

[ 49 CFR Part 1048 ]

[Ex Parte MC-37 (Sub-No. 22) ]

### INDIANAPOLIS, IND., COMMERCIAL ZONE

#### Notice of Proposed Rule Making

APRIL 28, 1972.

Petitioner: Renner's Express, Inc., Indianapolis, Ind.; Petitioner's representative: Ronald Renner (same address as above).

By petition filed April 13, 1972, the above-named petitioner requests that the Commission institute rule making proceeding to determine for transportation purposes, (1) the present status of Indianapolis, Ind., as a city, Marion County, Ind., as a county; and the government of Indianapolis and Marion County as a Consolidated City; (2) the interpretation of existing certificates and permits authorizing service at Indianapolis and points in Marion County; (3) the interpretation of existing certificates and permits authorizing service within specified mileage of Indianapolis or Marion County, Ind.; and (4) the definition of the limits of the Commercial Zone, if any, of Indianapolis, Ind.

Petitioner states that the Legislature of Indiana created an entity entitled the Consolidated City under an act entitled "First Class Cities and Counties Act." This act became effective January 1, 1970. A Consolidated City is defined by the act to be a first class city in a county; a body corporate, including within its boundaries all of the territory of a first class city and of the county, except for the territory located in excluded cities. Therefore, Indianapolis has been abolished by this act and has been replaced

by the Consolidated City of Indianapolis. The Mayor is the Chief Executive Officer of the Consolidated City of Indianapolis and the principal legislative body of the consolidated city and of the county is the "City-County Council." Numerous governmental positions and departments were either consolidated or eliminated. Petitioner contends that such consolidation has generated a number of problems involving the matters stated above. Indianapolis has not had a specifically defined commercial zone. The commercial zone of Indianapolis is presently governed by 49 CFR 1048.101(4) and includes Indianapolis and all points within 5 miles of its corporate limits. Petitioner contends that the relief sought in this petition will not have an adverse effect upon the environment.

No oral hearing is contemplated at this time, but anyone wishing to make representations in favor of, or against, the relief sought in the petition may do so by the submission of written data, views, or arguments. An original and 15 copies of such data, views, or arguments shall be filed with the Commission on or before July 6, 1972. A copy of each representation should be served upon petitioner's representative. Petitioner is directed to submit a map in sufficient detail to show the former limits of Indianapolis, Ind., the limits of Marion County, Ind., and points within the limits of Marion County, Ind. Written material or suggestions submitted will be available for public inspection at the Offices of the Interstate Commerce Commission, 12th and Constitution, Washington, DC, during regular business hours.

Notice to the general public of the matter herein under consideration will be given by depositing a copy of this notice in the Office of the Secretary of the Commission for public inspection and by filing a copy thereof with the Director, Office of the Federal Register.

By the Commission.

[SEAL] ROBERT L. OSWALD,  
Secretary.

[FR Doc.72-6729 Filed 5-2-72;8:48 am]

## NATIONAL CREDIT UNION ADMINISTRATION

[ 12 CFR Part 721 ]

### INCIDENTAL POWERS

#### Notice of Proposed Rule Making

Notice is hereby given that the Administrator of the National Credit Union Administration, pursuant to the authority conferred by section 120, 73 Stat. 635, 12 U.S.C. 1766, is proposing the establishment of a new Part 721 (12 CFR Part 721) as set forth below.

Interested persons are invited to submit written comments, suggestions, or objections regarding the proposed regulations to the Administrator, National



Credit Union Administration, Washington, D.C. 20456, to be received not later than June 6, 1972.

HERMAN NICKERSON, Jr.,  
Administrator.

APRIL 26, 1972.

## PART 721—INCIDENTAL POWERS

Sec.

721.1 Insurance activities.

721.2 Group purchasing activities other than group insurance.

### § 721.1 Insurance activities.

A Federal credit union may undertake to facilitate its members' voluntary purchase of types of insurance incidental to promotion of thrift or the borrowing of money for provident and productive purposes such as life savings, loan protection, group, fire, theft, automobile, life, and temporary disability insurance. Pursuant to such activities, a Federal credit union will adhere to the following guidelines:

(a) As used herein, unless the context otherwise requires—

(1) "Contract," "policy," and "plan" shall additionally have reference to any amendments, clauses, riders, endorsements, revisions, renewals or replacements thereof;

(2) "Credit union" shall mean any Federal credit union, its officers, directors, agents, employees, and representatives;

(3) "Insurer" shall mean any insurance company, its officers, directors, agents, employees, and representatives; and

(4) "Person" includes individuals, corporations, associations, firms, partnerships and joint stock companies.

(b) No credit union shall enter into any contract of insurance, or agreements or understandings relating thereto, except as provided in this part.

(c) The credit union may inform its members as to the availability of insurance through informational materials placed in the credit union's office, through the credit union's publications, or by direct mailings to members by the credit union. In this regard, the credit union may not, directly or indirectly, make any list of its membership available or provide addresses of its members to any insurer or use such insurer's stationery or envelopes. The credit union may not allow its name to appear on any promotional materials provided by the insurer.

(d) The credit union may be the policyholder of a group insurance plan or a subgroup under a master policy plan and may disseminate information to its members concerning the insurance provided thereunder. Where such plans are adopted by a credit union, the plan should be thoroughly investigated to insure that it is a reliable one, will protect the interests of the members and complies with these guidelines. The credit union's files should contain documentary evidence of the investigations made concerning the various plans.

(e) The credit union may subscribe to or be a member of a trust of other asso-

ciation whose sole function is to administer insurance plans or programs under policies of insurance for its subscribing or member credit unions or their members: *Provided*, Such trust or other association:

(1) Shall not be an agent of any insurer;

(2) Shall agree in writing to be bound by these guidelines; and

(3) Shall agree in writing to submit its records and affairs to inspection by the Administrator as he may require.

(f) The credit union may remit premiums to an insurer or the holder of a master policy on behalf of a credit union member: *Provided*, The credit union obtains written authorization from such member for remittance by share withdrawals or through proceeds of loans made to such member.

(g) The credit union may make insurance application forms available to its members and may provide instructions on predetermined published insurance rates and such other information as may be required by law.

(h) The credit union may issue certificates of insurance where the credit union is the policyholder in a group insurance plan.

(i) The credit union may purchase certain insurance such as life savings insurance and loan protection insurance for all members of the credit union who have loans or shares: *Provided*, The cost of the loan protection insurance (if passed on to the borrower as a condition precedent to making the loan) and other incidental costs, including the interest on the loan, cannot exceed the statutory rate of 1 percent per month on the unpaid balance. Where insurance is required as a condition precedent to making the loan, the borrower must be informed that he may select an insurer of his own choice.

(j) The credit union may not, directly or indirectly, act as agent for an insurer in processing of claims or in any other agency capacity for such insurer. In those States where the local law requires an agent in order to conduct insurance business, a credit union employee may act as agent but neither the employee nor the credit union may receive any remuneration for transactions performed pursuant to such agency. An insurer may not have an agent permanently on the premises of the credit union for the purpose of conducting insurance business with the members.

(k) The credit union may not agree to accept or contract with the insurer for responsibility of the credit union for non-transmission of premiums nor may the credit union transmit business correspondence to its members for the insurer such as notices of cancellation, bills, claim forms, etc.

(l) The credit union which passes informational material to its members as set forth in paragraph (c) of this section must indicate to its members in writing that the member must voluntarily determine whether he desires to participate in such insurance plan and when the member makes application for insurance plan

and when the member makes application for insurance about which the credit union has furnished informational material, he must indicate in writing on the application that he has voluntarily selected the insurer and understands that he may select any other insurer of his own choice. This provision, of course, does not apply where the credit union has purchased insurance such as life savings or loan protection insurance for all members. Nothing herein shall be construed as preventing a credit union from exercising a reasonable privilege of approval or disapproval of the insurance procured by the borrower on the property securing the indebtedness.

(m) The credit union may accept from the insurer reimbursement for the actual cost of ministerial tasks performed pertaining to insurance. Any compensation, reimbursement, or other consideration in excess of such cost, whether in the form of merchandise, services, cash or otherwise, received or promised, directly or indirectly, to a credit union is prohibited.

(n) The credit union must, in carrying out any of the permitted practices, comply with the applicable laws of the State in which the credit union does business. The guidelines herein are in addition to, and not in lieu of, any applicable laws and regulations of the State in which such insurance activities are transacted.

(o) No credit union shall, directly or indirectly, engage in any act, practice or transaction, with respect to the subject matter of these guidelines, nor enter into any contract of insurance, or agreement or understanding relating thereto, unless all parties to such act, practice, transaction or contract expressly agree in writing to be bound by the provisions hereof.

(p) No credit union shall, directly or indirectly, engage in any act, practice or transaction, otherwise permitted herein, where such act, practice or transaction shall constitute an evasion, or attempted evasion, of any requirement or prohibition of these guidelines, nor shall any credit union aid, abet or permit, directly or indirectly, any such evasion, or attempted evasion, by any insurer or other person dealing with any such credit union or its members.

### § 721.2 Group purchasing activities other than group insurance.

(a) A Federal credit union may inform its members as to the availability of various group purchasing plans which are related to the promotion of thrift or the borrowing of money for provident and productive purposes by means of informational materials placed in the credit union's office, through its publications, or by direct mailings to members by the credit union. The credit union may not, directly or indirectly, make any list of its membership available or provide addresses of its members to any party associated with such a plan or use the stationery or envelopes provided by those who operate such plans.

(b) A Federal credit union may not be a member of such group purchasing plans



nor may it solicit members for such plans. A Federal credit union and its officers, employees, agents, and representatives may not, directly or indirectly, act in any agency capacity in regard to such plans. For purposes of this section, the term "agency capacity" includes but is not limited to the preparation and transmittal of individual membership applica-

tions, issuance of membership certificates, explanation of benefits, and other related activities.

(c) A Federal credit union or its officers, employees, agents, and representatives may not, directly or indirectly, receive compensation, reimbursement, or other consideration in excess of the actual cost of making such informational materials available to its members or for

any other functions performed in connection with such plans, whether in the form of merchandise, services, cash or otherwise.

(d) A Federal credit union must, in carrying out any of the permitted practices, comply with the applicable laws of the State in which the credit union does business.

[FR Doc.72-6715 Filed 5-2-72;8:47 am]



# Notices

## DEPARTMENT OF STATE

[Public Notice 357; Delegation of Authority 123]

### TEXTILE TRADE AGREEMENTS

#### Delegation of Authority to Assistant Secretary of State for Economic Affairs

Pursuant to the authority vested in me by section 4 of the Act of May 26, 1949, as amended (22 U.S.C. 2658), I hereby delegate to the Assistant Secretary of State for Economic Affairs the authority to perform all functions conferred upon the Secretary of State by section 2(b) of Executive Order No. 11651 of March 3, 1972 entitled "Textile Trade Agreements."

Dated: April 24, 1972.

[SEAL] WILLIAM P. ROGERS,  
Secretary of State.

[FR Doc.72-6696 Filed 5-2-72; 8:46 am]

## DEPARTMENT OF THE TREASURY

### Internal Revenue Service

[Price Commission Ruling 1972-154]

#### PROCESSING OF EXCEPTION APPLICATIONS FROM LANDLORDS CHARGING EXCESS RENTS

##### Price Commission Ruling

**Facts.** A lessor who charged or is currently charging rents in excess of those allowed by the Economic Stabilization Regulations has applied for an exception.

**Issue.** Will the Internal Revenue Service process and the Price Commission consider an application for an exception submitted by a lessor who has charged or is currently charging rent in violation of the Economic Stabilization Regulations?

**Ruling.** No. Subpart B of Part 301 of Chapter III of the Economic Stabilization Regulations, 6 CFR 301.101 et seq., 36 F.R. 25386 (December 30, 1971) sets forth the criteria for determining allowable rent increases in excess of base rent (determined under Subpart C) for transactions occurring after December 28, 1971.

Economic Stabilization Regulation 6 CFR 401.301, 37 F.R. 1010 (January 21, 1972) provides that any person may file a request for an exception. However, § 401.303(b)(2) provides that the applicant shall present evidence to establish that the request is not designed as part of a plan to avoid the intent and purpose of the Act. Section 401.303(b)(3), 37 F.R. 6653 (April 1, 1972) further provides that

the applicant shall establish, in the case of an exception request pursuant to § 301.109, that the lessees have been notified of such request in the manner prescribed in such section.

Section 301.109 states in part that:

\*\*\* Any lessor who seeks relief under this section shall, at the time the relief is sought, notify his lessees on a unit-by-unit basis as to the dollar and percentage amount of any adjustment or increase being sought. Section 301.502 applies whenever a lessor is granted a rent adjustment or increase pursuant to this section.

Under § 301.502 a lessor must notify his lessees at least 30 days before the effective date of the rent increase. Under § 301.501 (36 F.R. 25386, December 30, 1971, as amended at 37 F.R. 1357, January 28, 1972) a lessor is precluded from increasing a rent with respect to any transaction after December 28, 1971, unless he has complied with the notification requirements of § 301.502.

Thus, a lessor must apply for an exception prior to charging a rent increase which results in a violation. And, the lessees must be notified of the exception request at the time it is sought. In the event that the exception is granted the lessor must then notify his lessees of the rent increase at least 30 days prior to its effective date.

Accordingly, the Internal Revenue Service will not process nor will the Price Commission consider a lessor's exception request which is submitted after an illegal rent increase has been charged. This ruling applies only to rent exceptions sought under § 301.109.

However, an exception request will be processed by the Internal Revenue Service and considered by the Price Commission if the lessor rolls back the illegal increase and refunds any rents collected thereunder.

This ruling has been approved by the General Counsel of the Price Commission.

Dated: April 28, 1972.

LEE H. HENKEL, JR.,  
Acting Chief Counsel,  
Internal Revenue Service.

Approved: April 28, 1972.

SAMUEL R. PIERCE, JR.,  
General Counsel,  
Department of the Treasury.

[FR Doc.72-6716 Filed 5-2-72; 8:48 am]

## DEPARTMENT OF DEFENSE

### Office of the Secretary of Defense COORDINATION OF SHIPBUILDING, CONVERSION AND REPAIR

The Secretary of Defense approved the following:

#### References:

(a) DOD Instruction 5030.8, "Letter of Agreement Between DOD and Department of Commerce Establishing the Office of Coordinator for Ship Repair and Conversion," July 30, 1956.<sup>1</sup>

(b) DOD Directive 5030.9, "Coordination of Ship Repair Conversion," October 23, 1957 (hereby cancelled).

**I. Purpose and scope.** A. This Directive provides guidance and assigns responsibilities designed to assure effective and fully coordinated programs for shipbuilding, conversion and repair to satisfy Department of Defense requirements in peacetime, wartime, or in a national emergency.

B. Policies and responsibilities governing the coordination of ship repair and conversion on the national level are covered in reference (a).<sup>2</sup>

**II. Cancellation.** Reference (b) is hereby superseded and canceled.

**III. Applicability.** The provisions of this Directive apply to the Military Departments and to any other DOD Component having an interest in requirements for shipbuilding, conversion and repair and ship support programs.

**IV. Responsibilities—A. Military Services.** Each military service will be responsible for the Program planning and budgeting in support of ships under its cognizance.

**B. Chief of Naval Operations.** The Chief of Naval Operations will recommend shipbuilding, conversion, and repair programs in order of relative urgency for approval by the Secretary of Defense or the President in accordance with the latest DOD Instruction S-4410.3<sup>3</sup> for all Department of Defense shipbuilding, conversion, and repair work to be placed in U.S. shipyards, both Government and private (see C.8., below).

**C. The Commander, Naval Ship Systems Command.** Under the Chief of Naval Materiel, is hereby assigned additional duty as Coordinator of Shipbuilding, Conversion, and Repair for the Department of Defense with the following responsibilities:

1. Serve as DOD focal point for providing information on the total capacities and capabilities of the shipbuilding, conversion, and repair facilities of Government agencies and of private industry within the United States.

2. Develop and maintain drydocking data.

3. Maintain liaison as necessary with the Office of Emergency Preparedness;

<sup>1</sup> Filed as part of the original document.

<sup>2</sup> Filed as part of original. Copies available from the U.S. Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120, Attention: Code 300.

<sup>3</sup> Not available to the public.



Department of Commerce, Maritime Administration; Department of Transportation; U.S. Coast Guard; Military Sealift Command; and other DOD components having an interest in the shipbuilding/ship repair industry.

4. Maintain statistics, including (a) long range forecasts of workload by all Department of Defense components placed or to be placed in Government and commercial shipyards of the United States and (b) assessment of the impact on the industry of shipwork to be generated by DOD and other Government departments and by commercial sources.

5. Chair the Shipbuilding Industry Advisory Committee (SIAC).

6. Assist in perfecting DOD-wide plans for the best utilization of the shipyards of the United States under emergency conditions or critical situations.

7. Recommend actions that will aid the DOD in working with the shipbuilding industry to increase efficiency and effectiveness with a minimum of reports and controls to accomplish the ship support programs.

8. Coordinate the scheduling and distribution to shipyards of DOD shipbuilding, conversion, ship repairs and activations in accordance with approved national/military urgency determinations as provided in section B. above.

9. Make an annual report to the Secretary of Defense on the status of the shipbuilding and ship repair industry of the United States with conclusions and recommendations considered appropriate.

V. *Operating relationships of the Coordinator.* Normally the Coordinator (C., above) will be expected to perform within established operating channels. In coordinating with DOD Components and with other Government departments and offices concerned, direct coordination and liaison is authorized.

VI. *Reporting.* The reporting requirements prescribed herein are assigned Reports Control Symbol DD-I&L(A) 1141.

VII. *Effective date and implementation.* This Directive is effective immediately. Two copies of implementing instructions shall be forwarded to the Assistant Secretary of Defense (Installations and Logistics) within 90 days.

MAURICE W. ROCHE,  
Director, Correspondence and  
Directives Division OASD  
(Comptroller).

[FR Doc.72-6718 Filed 5-2-72;8:47 am]

## DEPARTMENT OF THE INTERIOR

### National Park Service

#### LEHMAN CAVES NATIONAL MONUMENT

#### Notice of Intention to Issue Concession Permit

Pursuant to the provisions of section 5 of the Act of October 9, 1965 (79 Stat. 969; 16 U.S.C. 20), public notice is hereby given that thirty (30) days after the date

of publication of this notice, the Department of the Interior, through the Director, Western Region, proposes to issue a concession permit to Shirley George Robison authorizing him to provide food service and souvenirs for the public at Lehman Caves National Monument for a period of 5 years from January 1, 1972 through December 31, 1976.

The foregoing concessioner has performed his obligations under a prior permit to the satisfaction of the National Park Service, and, therefore pursuant to the Act cited above, is entitled to be given preference in the renewal of the permit and in the negotiation of a new permit. However, under the Act cited above, the National Park Service is also required to consider and evaluate all proposals received as a result of this notice. Any proposal to be considered and evaluated must be submitted within thirty (30) days after the date of publication of this notice.

Interested parties should contact the Superintendent, Lehman Caves National Monument, Baker, Nev. 89311, for information as to the requirements of the proposed permit.

Dated: April 11, 1972.

DANIEL J. TOBIN, Jr.,  
Acting Director, Western Region,  
National Park Service.

[FR Doc.72-6690 Filed 5-2-72;8:45 am]

### Office of the Secretary

#### GEOHERMAL LEASING PROGRAM

#### Notice of Availability of Supplement to Draft Environmental Statement

The Department of the Interior has prepared a supplement to the Draft Environmental Impact Statement for the Geothermal Leasing Program. The basic draft statement, prepared pursuant to section 102(2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. section 4332(2)(c)), was issued October 6, 1971. Written comments are invited on both the basic Draft Statement and on the Supplement to the Draft Statement. All comments should be sent to:

Geothermal Coordinator, Department of the Interior, Washington, D.C. 20240

To assure consideration, comments must be received by the close of business, Monday, June 19, 1972.

The supplement to the environmental statement contains:

- (1) Revised Chapter IV, section C. Alternatives to proposed action.
- (2) Appendix G—Energy alternatives.
- (3) Appendix H—Proposed unit plan regulations.

Copies are available for inspection at the following locations:

Geothermal Coordinator's Office, Department of the Interior, Room 7000, Interior Building, Washington, D.C. 20240.

Bureau of Land Management Public Rooms in the following offices:  
State Office, 555 Cordova Street, Anchorage, AK.

District Office, Lathrop Building, 516 Second Avenue, Fairbanks, AK.  
State Office, Room 3022, Federal Building, Phoenix, Ariz.  
State Office, Federal Office Building, 2800 Cottage Way, Sacramento, CA.  
District Office, 1414 University Avenue, Riverside, CA.  
State Office, Room 700, Colorado State Bank Building, 600 Broadway, Denver, CO.  
Eastern States Land Office, 7981 Eastern Avenue, Silver Spring, MD.  
State Office, Room 334, Federal Building, 550 West Fort Street, Boise, ID.  
State Office, Federal Building and U.S. Courthouse, 316 North 26th Street, Billings, MT.  
State Office, Room 3008, Federal Building, 300 Booth Street, Reno, NV.  
State Office, U.S. Post Office and Federal Building, South Federal Place, Santa Fe, N. Mex.  
State Office, 729 Northeast Oregon Street, Portland, OR.  
State Office, Federal Building, 125 South State Street, Salt Lake City, UT.  
State Office, U.S. Post Office and Courthouse Building, 2120 Capitol Avenue, Cheyenne, WY.  
Outer Continental Shelf Office, Room T-9002, Federal Office Building, 701 Loyola Avenue, New Orleans, LA.

The statement will also be available for sale at \$2 per copy. Immediate over the counter and all mail order sales will be handled by:

U.S. Geological Survey Map Information Office, Room 1028, GSA Building, 18th and F Streets NW., Washington, D.C. 20242.

Copies of the statement will be available for over the counter sales only beginning May 10 at the following U.S. Geological Survey Public Inquiries Offices:

508 Federal Building, 300 North Los Angeles Street, Los Angeles, CA.  
504 Customhouse, 555 Battery Street, San Francisco, CA.  
1012 Federal Building, 1961 Stout Street, Denver, CO.  
Room 1C-45, 1100 Commerce Street, Dallas, TX.  
8102 Federal Building, 125 South State Street, Salt Lake City, UT. 84111.  
678 U.S. Courthouse, West 920 Riverside Avenue, Spokane, WA.

Dated: April 28, 1972.

WILLIAM W. LYONS,  
Deputy Assistant  
Secretary of the Interior.

[FR Doc.72-6750 Filed 5-2-72;8:50 am]

## DEPARTMENT OF AGRICULTURE

### Agricultural Marketing Service GRAIN STANDARDS

#### Lewiston, Idaho, Grain Inspection Point

*Statement of considerations.* On March 11, 1972, there was published in the FEDERAL REGISTER (37 F.R. 5263) a notice announcing (1) a proposed transfer of the designation to operate the official grain inspection agency, as defined in section 3(m) of the U.S. Grain Standards Act (7 U.S.C. 75(m)), at Lewiston, Idaho, and (2) the application by Edwin T. Matchey, Lewiston, Idaho, for



designation to operate the official grain inspection agency. Inspection agencies, members of the grain trade, and other interested parties were given until April 10, 1972, to submit written data, views, or arguments with respect to the proposed transfer and to make application for designation.

Comments were received from five members of the grain trade recommending that Edwin T. Matchey be designated to operate the official grain inspection agency at Lewiston. No applications for designation were received other than the application from Edwin T. Matchey, and no adverse comments were received.

After due consideration of all submissions made pursuant to the notice of March 11, 1972, and all other relevant matters, and pursuant to the authority contained in sections 3(m) and 7(f) of the U.S. Grain Standards Act (7 U.S.C. 75(m) and 79(f)), the designation as the official grain inspection agency at Lewiston, Idaho, is hereby transferred from Harold and Virginia Whitcomb to Edwin T. Matchey.

**Effective date.** This notice shall become effective 30 days after publication in the FEDERAL REGISTER.

Done in Washington, D.C., on April 28, 1972.

G. R. GRANGE,  
Acting Administrator.

[FR Doc. 72-6720 Filed 5-2-72; 8:48 am]

## DEPARTMENT OF COMMERCE

### National Bureau of Standards VOLUNTARY PRODUCT STANDARDS

#### Notice of Action on Proposed Withdrawal

In accordance with the provisions of § 10.12 of the Department's published "Procedures for the Development of Voluntary Product Standards" (15 CFR Part 10, as amended; 35 F.R. 8349 dated May 28, 1970), notice is hereby given of the withdrawal of 66 standards identified below. Each of these standards, Commercial Standard (CS) and Simplified Practice Recommendation (SPR), has been found to be obsolete, no longer technically adequate, no longer acceptable to and used by the industry, or otherwise not in the public interest.

CS 16-29 Wallpaper.  
CS 26-30 Aromatic Red Cedar Closet Lining.  
CS 27-36 Mirrors.  
CS 28-46 Cotton Fabric Tents, Tarpaulins, and Covers.  
CS 43-32 Grading of Sulphonated (Sulphated) Oils Saponifiable Types.  
CS 61-51 Venetian Blinds (Grade A Custom-Made).  
CS 73-61 Old Growth Douglas Fir, Sitka Spruce, and Western Hemlock Doors.  
CS 76-39 Hardwood Interior Trim and Molding.  
CS 78-40 Ground-and-Polished Lenses for Sun Glasses.

CS 79-40 Blown, Drawn, and Dropped Lenses for Sun Glasses.  
CS 89-40 Hardwood Stair Treads and Risers.  
CS 92-41 Cedar, Cypress and Redwood Tank Stock Lumber.  
CS 119-45 Dial Indicators (For Linear Measurements).  
CS 133-46 Woven Wire Netting.  
CS 140-47 Testing and Rating Conveyors.  
CS 141-47 Sine Bars, Blocks, Plates and Fixtures.  
CS 159-49 Sun Glass Lenses Made of Ground and Polished Plate Glass Thereafter Thermally Curved.  
CS 160-49 Wood Fiber Blanket Insulation (For Building Construction).  
CS 161-59 "Standard Grade" Hot Dipped Galvanized Ware (Coated After Fabrication).  
CS 162-49 Tufted Bedspreads.  
CS 167-50 Automotive and General Service Copper Tube.  
CS 168-50 Polystyrene Plastic Wall Tiles, and Adhesives for Their Application.  
CS 169-59 Galvanized Ware Fabricated from Pregalvanized Steel Sheets (For Standard Grade Items Only).  
CS 206-57 Solvent Welded (SWP Size) Cellulose-Acetate Butyrate Pipe.  
CS 225-59 Method of Rating Commercial and Industrial Type Vacuum Cleaners, Portable and Mobile Types.  
CS 232-60 Industrial Wire Cloth.  
CS 244-62 Roof Drainage Products.  
CS 252-63 TFE-Fluorocarbon (Polytetrafluoroethylene) Resin Electrical Insulating Tubing.  
CS 263-64 Aluminum Nails.  
CS 267-65 Steel Medicine Cabinets.  
SPR 11-36 Bed Blanket Sizes.  
SPR 22-40 Paper (Basic Sheet Sizes).  
SPR 31-63 Loaded Shot Shell.  
SPR 37-38 Commercial Forms (Invoice, Purchase Order and Inquiry).  
SPR 42-61 Grocers' Paper Bags.  
SPR 47-54 Cut Tacks and Small Cut Nails.  
SPR 51-29 Chasers for Self-Opening and Adjustable Die Heads.  
SPR 53-63 Steel Spirals for Reinforced Concrete Columns.  
SPR 62-63 Metallic Cartridges.  
SPR 76-40 Ash Handles.  
SPR 81-28 Binders' Board.  
SPR 90-62 Hack-Saw Blades.  
SPR 91-32 Glass Containers for Preserves, Jellies and Apple Butter.  
SPR 129-59 Merchandise Paper Bags.  
SPR 146-52 Corrugated and Solid-Fiber Boxes for Canned Fruits and Vegetables.  
SPR 150-34 Copper Wire Nails.  
SPR 155-49 Cans for Fruits and Vegetables (Names, Dimensions, Capacities and Designated Use).  
SPR 162-35 Packaging of Air Brake (Electric Railway) Parts.  
SPR 173-54 Stock Folding Boxes for Millinery.  
SPR 197-51 Glass Containers for Marshino Cherries.  
SPR 208-55 Fluid-Milk Cans.  
SPR 213-45 Asphalt Roll Roofing and Asphalt and Tar-Saturated Felt Products.  
SPR 217-49 Copper Water Tube, and Copper and Brass Pipe.  
SPR 218-46 Paper Tubes for Packaging Milk Bottle Caps.  
SPR 223-47 Wire Nails and Staples.  
SPR 228-47 Pallets for Handling Groceries and Packaged Merchandise.

SPR 235-48 Copper and Copper-Alloy Round Seamless Tube.  
SPR 241-50 Copper and Copper-Alloy Rod.  
SPR 246-51 Wooden Kegs for Nails.  
SPR 248-52 Packaging of Standard Malleable Iron Screwed Pipe Fittings, Black or Galvanized.  
SPR 250-53 Standard Drug Catalogs.  
SPR 251-54 Packaging of Gas Stop Cocks.  
SPR 254-54 Packaging of Steel Pipe Couplings.  
SPR 256-55 Steel Outlet Boxes, Zinc or Cadmium Coated.  
SPR 262-60 Acoustical Materials.  
SPR 263-60 Standard Shapes, Sizes, Grades and Designations of Cemented Carbide Products.

Public notice of the Department's intention to withdraw these standards was published in the FEDERAL REGISTER on March 3, 1972 (37 F.R. 4459), and a 45-day period was provided for the submission of comments or objections concerning the proposed withdrawal of any of these standards. No objections to the Department's intention of withdrawing any of these standards have been received by the National Bureau of Standards.

The effective date for the withdrawal of these standards will be 60 days after the publication of this notice. This withdrawal action terminates the authority to refer to these standards as Voluntary Product Standards developed under the Department of Commerce Procedures.

Dated: April 27, 1972.

LEWIS M. BRANSCOMB,  
Director.

[FR Doc. 72-6710 Filed 5-2-72; 8:47 am]

## DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

### Food and Drug Administration

[DESI 6499]

### OTC ANALGESIC AND ANTIPYRETIC PREPARATIONS

#### Drugs for Human Use; Drug Efficacy Study Implementation

##### Correction

In F.R. Doc. 72-5978 appearing at page 7820 in the issue of Thursday, April 20, 1972, the word "chlorine" appearing in the second line of item 13 in the third column of page 7820 should read "choline".

## CIVIL AERONAUTICS BOARD

[Docket No. 23333; Order 72-4-139]

### INTERNATIONAL AIR TRANSPORT ASSOCIATION

#### Order Regarding Specific Commodity Rates

Issued under delegated authority April 26, 1972.

By Order 72-4-28, dated April 7, 1972, action was deferred, with a view toward



eventual approval, on an agreement adopted by Traffic Conference 1 of the International Air Transport Association (IATA). The agreement proposes revisions to the specific commodity rate structure applicable within the Western Hemisphere.

In deferring action on the agreement, 10 days were granted in which interested persons might file petitions in support of or in opposition to the proposed action. No petitions have been received within the filing period, and the tentative conclusions in Order 72-4-28 will herein be made final.

*Accordingly, it is ordered, That:*

Agreement CAB 22972 be and hereby is approved, provided that approval shall not constitute approval of the specific commodity descriptions contained therein for purposes of tariff publication; and provided further that tariff filings shall be marked to become effective on not less than 30 days' notice from the date of filing.

This order will be published in the FEDERAL REGISTER.

[SEAL] HARRY J. ZINK,  
Secretary.

[FR Doc. 72-6743 Filed 5-2-72; 8:49 am]

[Docket No. 23333; Order 72-4-138]

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION

##### Order Regarding Cargo Rates

Issued under delegated authority April 26, 1972.

By Order 72-4-37, dated April 10, 1972, action was deferred, with a view toward eventual approval, on an agreement adopted by Traffic Conference 1 of the International Air Transport Association (IATA). The agreement would extend through September 30, 1973, the effectiveness of resolutions which govern certain Western Hemisphere cargo rates and related matters and which would otherwise expire on September 30, 1972.

In deferring action on the agreement, 10 days were granted in which interested persons might file petitions in support of or in opposition to the proposed action. No petitions have been received within the filing period and the tentative conclusions in Order 72-4-37 will herein be made final.

*Accordingly, it is ordered, That:*

Agreement CAB 22970 be and hereby is approved.

This order will be published in the FEDERAL REGISTER.

[SEAL] HARRY J. ZINK,  
Secretary.

[FR Doc. 72-6744 Filed 5-2-72; 8:49 am]

[Docket No. 23486; Order 72-4-152]

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION

##### Order Amending Order Regarding Charters

Adopted by the Civil Aeronautics Board at its office in Washington, D.C., on the 28th day of April 1972.

By Order 72-3-112, dated March 31, 1972, the Board approved, until June 30, 1972, certain resolutions revalidating and amending the IATA Charter Resolution (045). The Board also directed interested parties to show cause why Resolution 045 should not be disapproved after June 30, 1972, insofar as it relates to air transportation.

There has now been filed with the Board pursuant to section 412(a) of the Federal Aviation Act of 1958, as amended, and Part 261 of the Board's economic regulations, an agreement among various air carriers, foreign air carriers, and other carriers, embodied in a resolution of a Traffic Conference of the International Air Transport Association (IATA) adopted at recent meetings, and assigned the above designated CAB agreement number. This resolution also relates to IATA Resolution 045 in that it governs passenger charters within Europe. The effect of the resolution is substantially similar to those covered by Order 72-3-112; it revalidates the IATA Charter Resolution for Europe through March 31, 1973, with minor amendments.

Upon consideration of this agreement, the Board has determined to handle it in the same manner as those covered by Order 72-3-112. Accordingly, we will amend Order 72-3-112 to include R-325.<sup>1</sup> The Board therefore finds that insofar as Agreement CAB 22663, R-325 relates to air transportation, it will not be adverse to the public interest or in violation of the Act, subject to the conditions set forth in the appendix to Order 72-3-112, and should be approved through June 30, 1972.

*Accordingly, it is ordered:*

1. That ordering paragraph 1 of Order 72-3-112 be and it hereby is amended to read as follows:

That resolutions R-35, R-69, R-147 (insofar as it relates to Resolution 045), R-199, R-259, R-298, and R-325, all filed as part of Agreement CAB 22663, be and they hereby are approved, subject to the conditions stated in the appendix hereto, and provided that the Board's approval shall be limited to the period ending June 30, 1972, insofar as such resolutions relate to air transportation as defined in the Act;

2. That this order shall be served on all holders of foreign air carrier permits or certificates of public convenience and necessity, and upon the Departments of Justice, State, and Transportation.

This order shall be published in the FEDERAL REGISTER.

By the Civil Aeronautics Board.

[SEAL] HARRY J. ZINK,  
Secretary.

[FR Doc. 72-6745 Filed 5-2-72; 8:49 am]

<sup>1</sup> Since R-325 raises no new issues not previously raised by Order 72-3-112, it is not necessary to change the date for filing comments.

## COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

### CERTAIN COTTON TEXTILES AND COTTON TEXTILE PRODUCTS PRO- DUCED OR MANUFACTURED IN THE REPUBLIC OF CHINA

#### Entry or Withdrawal From Warehouse for Consumption

APRIL 28, 1972.

On January 6, 1972, there was published in the FEDERAL REGISTER (37 F.R. 160) a letter dated December 30, 1971, from the Chairman of the President's Cabinet Textile Advisory Committee to the Commissioner of Customs, establishing levels of restraint for cotton textiles and cotton textile products in certain categories, produced or manufactured in the Republic of China, and exported to the United States during the 12-month period beginning January 1, 1972, and extending through December 31, 1972. It has been determined that the levels of restraint applicable to imports of cotton textiles and cotton textile products in Categories 9-10, 15-16, 26-27, and 28-29 should have been greater than those contained in the letter of December 30, 1971.

Accordingly, there is published below a letter of April 28, 1972, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs amending the directive of December 30, 1971 by increasing the levels of restraint applicable to imports of cotton textiles and cotton textile products in Categories 9-10, 15-16, 26-27, and 28-29 from the Republic of China.

STANLEY NEHMER,  
Chairman, Committee for the  
Implementation of Textile  
Agreements, and Deputy As-  
sistant Secretary for Re-  
sources.

ASSISTANT SECRETARY OF COMMERCE  
COMMITTEE FOR THE IMPLEMENTATION OF  
TEXTILE AGREEMENTS

APRIL 28, 1972.

COMMISSIONER OF CUSTOMS,  
Department of the Treasury,  
Washington, D.C. 20226.

DEAR MR. COMMISSIONER: This directive amends but does not cancel the directive issued to you on December 30, 1971, from the Chairman, President's Cabinet Textile Advisory Committee, regarding imports into the United States of cotton textiles and cotton textile products in certain specified categories, produced or manufactured in the Republic of China.

Under the terms of the Long-Term Arrangement Regarding International Trade in Cotton Textiles done at Geneva on February 9, 1962, pursuant to the bilateral cotton textile agreement of December 30, 1971, between the Governments of the United States and the Republic of China, and in accordance with the procedures of Executive Order 11651 of March 3, 1972, you are directed to amend, effective as soon as possible, the levels of restraint established in the afore-



said directive of December 30, 1971, for cotton textiles and cotton textile products in Categories 9-10, 15-16, 26-27, and 28-29, produced or manufactured in the Republic of China, as set forth below.

Category	12-month level of restraint
9-10 -----	29,701,503 square yards.
15-16 -----	1,419,860 square yards.
26-27 -----	5,284,229 square yards (of which not more than 3,109,369 square yards may be in duck fabric. <sup>1</sup> )
28-29 -----	1,978,159 pieces.

<sup>1</sup>The T.S.U.S.A. Nos. for duck fabric are:  
320...01 through 04, 06, 08  
321...01 through 04, 06, 08  
322...01 through 04, 06, 08  
326...01 through 04, 06, 08  
327...01 through 04, 06, 08  
328...01 through 04, 06, 08

The actions taken with respect to the Government of the Republic of China and with respect to imports of cotton textiles and cotton textile products from the Republic of China have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rule making provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely yours,

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

[FR Doc.72-6722 Filed 5-2-72;8:48 am]

### CERTAIN COTTON TEXTILE PRODUCTS PRODUCED OR MANUFACTURED IN THE REPUBLIC OF KOREA

#### Entry or Withdrawal From Warehouse for Consumption

APRIL 28, 1972.

On January 6, 1972, there was published in the FEDERAL REGISTER (37 F.R. 161) a letter dated December 30, 1971, from the Chairman of the President's Cabinet Textile Advisory Committee to the Commissioner of Customs, establishing levels of restraint for cotton textiles and cotton textile products in certain categories, produced or manufactured in the Republic of Korea, and imported into the United States during the 9-month period beginning January 1, 1972, and extending through September 30, 1972. It has been determined that the level of restraint applicable to imports of cotton textile products in Category 39 should have been greater than that contained in letter of December 30, 1971.

Accordingly, there is published below a letter of April 28, 1972, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs amending the directive of December 30, 1971, by increasing the level of restraint applicable

to imports of cotton textile products in Category 39 from the Republic of Korea.

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

ASSISTANT SECRETARY OF COMMERCE  
COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

APRIL 28, 1972.

COMMISSIONER OF CUSTOMS,  
Department of the Treasury,  
Washington, D.C. 20226.

DEAR MR. COMMISSIONER: This directive amends but does not cancel the directive issued to you on December 30, 1971, from the Chairman, President's Cabinet Textile Advisory Committee, regarding imports into the United States of cotton textiles and cotton textile products in certain specified categories, produced or manufactured in the Republic of Korea.

Under the terms of the Long-Term Arrangement Regarding International Trade in Cotton Textiles done at Geneva on February 9, 1962, pursuant to the bilateral cotton textile agreement of December 30, 1971, between the Governments of the United States and the Republic of Korea, and in accordance with the procedures of Executive Order 11651 of March 3, 1972, you are directed to amend, effective as soon as possible, the level of restraint established in the aforesaid directive of December 30, 1971 for cotton textile products in Category 39, produced or manufactured in the Republic of Korea, as set forth below.

Category	12-month level of restraint
39 -----	160,578 dozen pairs.

The actions taken with respect to the Government of the Republic of Korea and with respect to imports of cotton textiles and cotton textile products from the Republic of Korea have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rule making provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely yours,

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

[FR Doc.72-6723 Filed 5-2-72;8:48 am]

### CERTAIN COTTON TEXTILES AND COTTON TEXTILE PRODUCTS PRODUCED OR MANUFACTURED IN MEXICO

#### Entry or Withdrawal From Warehouse for Consumption

APRIL 28, 1972.

On June 29, 1971, the U.S. Government, in furtherance of the objectives of, and under the terms of, the Long-Term Arrangement Regarding International Trade in Cotton Textiles done

at Geneva on February 9, 1962, concluded a new comprehensive bilateral cotton textile agreement with the Government of Mexico concerning exports of cotton textiles and cotton textile products from Mexico to the United States over a 5-year period beginning on May 1, 1971. Among the provisions of the agreement are those establishing an aggregate limit for the 64 categories; within the aggregate limit, group limits on Categories 1-4, 5-27 and part of 64 (knit fabrics), and 28-64 (excluding knit fabrics); and within both of the aforesaid limits, specific limits for Categories 9, 10, 22, 23, 26, 27, 63, and 64, with sublimits on duck fabric (parts of Categories 26 and 27), and on zipper tapes (part of Category 64) for the second agreement year beginning May 1, 1972.

Accordingly, there is published below a letter of April 28, 1972, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs, directing that the amounts of cotton textiles and cotton textile products in Categories 1 through 64, produced or manufactured in Mexico, which may be entered or withdrawn from warehouse for consumption in the United States for the 12-month period beginning May 1, 1972, be limited to designated levels. This letter and the actions pursuant thereto are not designed to implement all of the provisions of the bilateral agreement, but are designed to assist only in the implementation of certain of its provisions.

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

ASSISTANT SECRETARY OF COMMERCE  
COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

COMMISSIONER OF CUSTOMS,  
Department of the Treasury,  
Washington, D.C. 20226.

APRIL 28, 1972.

DEAR MR. COMMISSIONER: Under the terms of the Long-Term Arrangement Regarding International Trade in Cotton Textiles done at Geneva on February 9, 1962, pursuant to the bilateral cotton textile agreement of June 29, 1971, between the Governments of the United States and Mexico, and in accordance with the procedures of Executive Order 11651 of March 3, 1972, you are directed to prohibit, effective May 1, 1972 and for the 12-month period extending through April 30, 1973, entry into the United States for consumption and withdrawal from warehouse for consumption of cotton textiles and cotton textile products in Categories 1 through 64, produced or manufactured in Mexico, in excess of the designated levels of restraint set forth below.

The combined level of restraint for Categories 1 through 4, shall be 11,196,196 pounds. The overall level of restraint for Categories 5 through 27 and part of 64 (knit fabrics) shall be 43,732,500 square yards equivalent.

Within the overall level of restraint for Categories 5 through 27 and part of 64 (knit fabrics) the following specific levels of restraint shall apply:



Category	12-month level of restraint
9-10 -----	12,875,625 square yards.
22-23 -----	12,875,625 square yards.
26-27 and part of 64 (knit fabrics).	17,981,250 square yards (but not more than 7,087,500 square yards in Categories 26 and 27 shall be in duck <sup>1</sup> , and not more than 656,250 square yards equivalent shall be in knit fabrics, T.S.U.S.A. Nos. 345.1020, 345.1040, 346.4560, 353.5014, and 359.1040).

<sup>1</sup> Only T.S.U.S.A. Nos.:

320...01 through 04, 06, 08
321...01 through 04, 06, 08
322...01 through 04, 06, 08
323...01 through 04, 06, 08
327...01 through 04, 06, 08
328...01 through 04, 06, 08

Within the overall level of restraint for Categories 5 through 27 and part of 64 (knit fabrics), each category without a specific level of restraint is subject to a consultation level of 638,142 square yards, pursuant to paragraph 7 of the bilateral agreement. If appropriate, future directions concerning these categories will be made to you by letter.

The overall level of restraint for Categories 28 through 63 and 64 (excluding knit fabrics) shall be 7,770,000 square yards equivalent. There was attached to the directive of April 28, 1969, from the Chairman of the President's Cabinet Textile Advisory Committee, concerning cotton textiles and cotton textile products from Mexico a table of the rates of conversion into square yard equivalents of Categories 28 through 64 which may be used in implementing this part of this directive.

Within the overall level of restraint for Categories 28 through 63 and 64 (excluding knit fabrics), the following specific level of restraint shall apply:

Category	12-month level of restraint
64 (excluding knit fabrics). <sup>2</sup>	639,131 pounds (of which not more than 410,869 pounds shall be in zipper tapes, T.S.U.S.A. No. 347.3340).

<sup>2</sup> All of Category 64 except T.S.U.S.A. Nos. 345.1020, 345.1040, 346.4560, 353.5014, and 359.1040.

Within the overall level of restraint for Categories 28 through 63, and 64 (excluding knit fabrics), each category without a specific level of restraint is subject to a consultation level of 446,698 square yards equivalent. If appropriate, future directions concerning these categories will be made to you by letter.

In carrying out this directive, cotton textiles and cotton textile products in Categories 1 through 64 produced or manufactured in Mexico and which have been exported to the United States prior to May 1, 1972, shall to the extent of any unfilled balances, be charged against the levels of restraint established for such goods during the period May 1, 1971, through April 30, 1972. In the event that any level of restraint for that period has been exhausted by previous entries, such goods shall be subject to the levels set forth in this letter.

The levels of restraint set forth above are subject to adjustment pursuant to the provisions of the bilateral agreement of June 29, 1971, between the Governments of the United

States and Mexico which provide in part that within the aggregate limit, the group limits for Group I and Group II may be exceeded by not more than 10 percent and the Group limit on Group III may be exceeded by not more than 5 percent; within the aggregate and applicable group limits, limits on certain categories may be exceeded by not more than 5 percent; for the limited carryover of shortfalls in certain categories to the next agreement year; and for administrative arrangements.

A detailed description of the categories in terms of T.S.U.S.A. numbers was published in the FEDERAL REGISTER on October 9, 1971 (36 F.R. 19722).

In carrying out the above directions, entry into the United States for consumption shall be construed to include entry for consumption into the Commonwealth of Puerto Rico.

The actions taken with respect to the Government of Mexico and with respect to imports of cotton textiles and cotton textile products from Mexico have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rulemaking provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely,

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

[FR Doc.72-6724 Filed 5-2-72;8:48 am]

### CERTAIN COTTON TEXTILE PRODUCTS PRODUCED OR MANUFACTURED IN NICARAGUA

#### Entry or Withdrawal From Warehouse for Consumption

APRIL 28, 1972.

On April 28, 1972, the U.S. Government, in furtherance of the objectives of, and under the terms of, the Long-Term Arrangement Regarding International Trade in Cotton Textiles, done at Geneva on February 9, 1962, including Article 6(c) thereof relating to nonparticipants, informed the Government of Nicaragua that it was renewing for an additional 12-month period beginning April 29, 1972, and extending through April 28, 1973, the restraint on imports into the United States of cotton textile products in Category 22, produced or manufactured in Nicaragua. Pursuant to Annex B, paragraph 2, of the Long-Term Arrangement, the level of restraint for this 12-month period is 5 percent greater than the level of restraint applicable to this category for the preceding 12-month period.

There is published below a letter of April 28, 1972, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs, directing that the amount of cotton textile products in Category 22, produced or manufactured in Nicaragua, which may be entered or withdrawn from warehouse for consumption in the

United States for the 12-month period beginning April 29, 1972, be limited to the designated level.

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

ASSISTANT SECRETARY OF COMMERCE

COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

COMMISSIONER OF CUSTOMS,  
Department of the Treasury,  
Washington, D.C. 20226.

APRIL 28, 1972.

DEAR MR. COMMISSIONER: Under the terms of the Long-Term Arrangement Regarding International Trade in Cotton Textiles done at Geneva on February 9, 1962, including Article 6(c) thereof relating to nonparticipants, and in accordance with the procedures of Executive Order 11651 of March 3, 1972, you are directed to prohibit, effective April 29, 1972, and for the 12-month period extending through April 28, 1973, entry into the United States for consumption and withdrawal from warehouse for consumption of cotton textile products in Category 22, produced or manufactured in Nicaragua, in excess of a level of restraint for the period of 1,050,000 square yards.

In carrying out this directive, entries of cotton textile products in Category 22, produced or manufactured in Nicaragua, which have been exported to the United States from Nicaragua prior to April 29, 1972, shall, to the extent of any unfilled balances, be charged against the level of restraint established for such goods during the period April 29, 1971, through April 28, 1972. In the event that the level of restraint established for that period has been exhausted by previous entries, such goods shall be subject to the level set forth in this letter.

A detailed description of Category 22 in terms of T.S.U.S.A. numbers was published in the FEDERAL REGISTER on October 9, 1971 (36 F.R. 19722).

In carrying out the above directions, entry into the United States for consumption shall be construed to include entry for consumption into the Commonwealth of Puerto Rico.

The actions taken with respect to the Government of Nicaragua and with respect to imports of cotton textiles and cotton textile products from Nicaragua have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rulemaking provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely,

STANLEY NEHMER,  
Chairman, Committee for the Implementation of Textile Agreements, and Deputy Assistant Secretary for Resources.

[FR Doc.72-6725 Filed 5-2-72;8:48 am]



# CERTAIN MAN-MADE FIBER TEXTILE PRODUCTS PRODUCED OR MANUFACTURED IN HONG KONG

## Entry or Withdrawal From Warehouse for Consumption

MAY 2, 1972.

On January 6, 1972, the U.S. Government concluded a comprehensive bilateral wool and man-made fiber textile agreement with the Government of Hong Kong concerning exports of wool and man-made fiber textile products from Hong Kong to the United States over a 5-year period beginning on October 1, 1971. One of the provisions of the agreement establishes a consultation level for man-made fiber textile products in Category 211 for the first agreement year which began on October 1, 1971.

Imports of man-made fiber textile products in Category 211 have exceeded the consultation level established for the applicable agreement year. Consultations with the Government of Hong Kong concerning these textile products are to begin in the near future. The letter published below is subject to termination or revision as a result of those consultations which will include discussion of the possible entry of the textile products affected by that letter.

Accordingly, there is published below a letter of May 2, 1972, from the Chairman of the Committee for the Implementation of Textile Agreements to the Commissioner of Customs, directing that, effective May 5, 1972, at midnight, e.d.s.t., and until further notice, entry into the United States for consumption and withdrawal from warehouse for consumption of man-made fiber textile products in Category 211, produced or manufactured in Hong Kong and exported therefrom to the United States during the period beginning October 1, 1971, and extending through September 30, 1972, be prohibited.

STANLEY NEHMER,  
Chairman, Committee for the  
Implementation of Textile  
Agreements, and Deputy As-  
sistant Secretary for Re-  
sources.

ASSISTANT SECRETARY OF COMMERCE  
COMMITTEE FOR THE IMPLEMENTATION OF  
TEXTILE AGREEMENTS

MAY 2, 1972.

COMMISSIONER OF CUSTOMS,  
Department of the Treasury,  
Washington, D.C. 20226.

DEAR MR. COMMISSIONER: Under the provisions of the bilateral Wool and Man-Made Fiber Textile Agreement of January 6, 1972, between the Governments of the United States and Hong Kong, and in accordance with the procedures of Executive Order 11651 of March 3, 1972, you are directed to prohibit, effective May 5, 1972, at midnight e.d.s.t., and until further notice, entry into the United States for consumption and withdrawal from warehouse for consumption of man-made fiber textile products in Category 211, produced or manufactured in Hong Kong and which have been exported to the United

States during the period beginning October 1, 1971, and extending through September 30, 1972.

Man-made fiber textile products in Category 211 which have been released from the custody of the Bureau of Customs under the provisions of 19 U.S.C. 1448(b) prior to the effective date of this directive shall not be denied entry under this directive.

A detailed description of Category 211 in terms of T.S.U.S.A. numbers was published in the FEDERAL REGISTER on April 29, 1972 (37 F.R. 8802).

In carrying out the above directions, entry into the United States for consumption shall be construed to include entry for consumption into the Commonwealth of Puerto Rico.

The actions taken with respect to the Government of Hong Kong and with respect to imports of man-made fiber textile products from Hong Kong have been determined by the Committee for the Implementation of Textile Agreements to involve foreign affairs functions of the United States. Therefore, the directions to the Commissioner of Customs, being necessary to the implementation of such actions, fall within the foreign affairs exception to the rule-making provisions of 5 U.S.C. 553. This letter will be published in the FEDERAL REGISTER.

Sincerely yours,

STANLEY NEHMER,  
Chairman, Committee for the Imple-  
mentation of Textile Agreements,  
and Deputy Assistant Secretary  
for Resources.

[FR Doc.72-6840 Filed 5-2-72;10:39 am]

## FEDERAL HOME LOAN BANK BOARD

[H.C. 123]

### FINANCIAL CORPORATION OF SANTA BARBARA

#### Notice of Receipt of Application for Approval of Acquisition of Control of Solano Savings and Loan Association

APRIL 28, 1972.

Notice is hereby given that the Federal Savings and Loan Insurance Corporation has received an application from the Financial Corporation of Santa Barbara, Santa Barbara, Calif., a multiple savings and loan holding company, for approval of acquisition of control of the Solano Savings and Loan Association, Fairfield, Calif., an insured institution under the provisions of section 408(e) of the National Housing Act, as amended (12 U.S.C. 1730a(e)), and \$584.4 of the regulations for Savings and Loan Holding Companies, said acquisition to be effected by the exchange of stock of Financial Corporation of Santa Barbara for the assets and certain liabilities of Solano Savings and Loan Association. Following the proposed acquisition, Financial Corporation of Santa Barbara proposes to contribute said assets and liabilities to Ross Valley Savings and Loan Association, an insured subsidiary of Financial Corporation of Santa Barbara. Comments on the proposed acquisition should be submitted to the Director, Office of Examinations and Supervision, Federal Home Loan Bank Board, Washington,

D.C. 20552, within 30 days of the date this notice appears in the FEDERAL REGISTER.

[SEAL]

EUGENE M. HERRIN,  
Assistant Secretary,  
Federal Home Loan Bank Board.

[FR Doc. 72-6695 Filed 5-2-72;8:46 am]

## FEDERAL POWER COMMISSION

[Docket No. DA-1098 California Merced Irrigation District]

### CERTAIN POWER SITE LANDS WITHDRAWN IN CALIFORNIA

#### Determination and Finding Under Section 24 of the Federal Power Act

APRIL 26, 1972.

Lands withdrawn in Power Site Reserve No. 328, Power Site Classification Nos. 43 and 267 and Project Nos. 1335, 2179, and 2467, Docket No. DA-1098 California Merced Irrigation District.

Application (S-2708) has been filed by the Merced Irrigation District through the Bureau of Land Management for the revocation of certain power withdrawals affecting the following described lands of the United States, thereby requiring Commission consideration under section 24 of the Federal Power Act.

MOUNT DIABLO MERIDIAN

T. 3S., R. 15 E.,  
Sec. 35, SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ .  
T. 4S., R. 15 E.,  
Sec. 14, E  $\frac{1}{2}$  SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;  
Sec. 23, NE  $\frac{1}{4}$  SE  $\frac{1}{4}$ .  
T. 5S., R. 15 E.,  
Sec. 3, lots 3 through 15 (SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ )  
Approximately 121.50 acres.

The above-mentioned revocations are requested in aid of proposed land exchange with the Bureau of Land Management.

The subject lands lie near the Merced River and are withdrawn variously in Power Site Reserve No. 328, dated December 31, 1912; Power Site Classification No. 43, dated June 6, 1922; Power Site Classification No. 267, dated August 24, 1933; and pursuant to applications for Project Nos. 1335, 2179, and 2467, filed May 15, 1937, February 21, 1963, and April 24, 1964, respectively. The license for Project No. 1335 was surrendered concurrently with the acceptance of a new major license for Project No. 2467 for the Merced Falls Project. The licenses for Project Nos. 2179 and 2467 are outstanding.

The lands lie also in a reach of the river developed by the New Exchequer and McSwain Reservoirs in Project No. 2179 and the Merced Falls Development in Project No. 2467. The original application for Project No. 2179 provided for construction of Bagby Reservoir and powerplant, enlargement of Exchequer Reservoir (Lake McClure) and powerplant, and construction of Snelling Reservoir and powerplant all on the Merced River. The Merced Irrigation District



has indicated it will build the Bagby and Snelling developments at some future time when the demand for additional water supply and power make the development economically feasible.

The SW $\frac{1}{4}$ SE $\frac{1}{4}$  of section 35, lies approximately one-half mile from the maximum flowline of the Enlarged Exchequer Reservoir and outside of the project boundary. The land is not included in any known plan of power development. The lands in sections 14 and 23 are traversed by the McSwain Reservoir and are affected by flowage up to the 400-foot elevation. The potential Snelling development would also flood these tracts to the 400 foot contour. The subject lands in section 3 contain the McSwain Afterbay Dam and flowage from the downstream Merced Falls Project (344 foot elevation). Development of the Snelling site would inundate both of the existing projects.

The petition for restoration states that the lands are presently an integral part of the applicant's operation of McSwain and New Exchequer Reservoirs and will remain to be needed for such operation. Therefore, no change in the use of the project lands is anticipated. The proposed land exchange will have no apparent effect on the existing power project or the license therefor. The exchange involves approximately 160 acres of offered (private) lands for 121.50 acres of selected (U.S.) lands.

The offered lands are located upstream from the Exchequer Reservoir in T. 4 S., R. 17 E., in an area which would be affected by flowage from the potential Bagby site. The Bagby project was included in the original plan of development, along with the above-mentioned Snelling development, for Project No. 2179 and also was postponed until future water and power requirements make such development more desirable.

Since the land in section 35 is not necessary to any existing or proposed power project, the power site withdrawal affecting this tract should be canceled. Outright revocation of the power withdrawal affecting the remainder of the subject lands is not appropriate; however, limited restoration of the lands may be made subject to the provisions of section 24 of the Federal Power Act.

The Commission determines:

The value of the subject lands in sections 14 and 23 T. 4 S., R. 15 E., and section 3, T. 5 S., R. 15 E., for power development purposes will not be injured or destroyed by location, entry or selection under the public land laws subject to the provisions of section 24 of the Federal Power Act and further subject to the inclusion in the instrument of conveyance of a covenant binding upon the patentee, its successor or assign, providing that the use of the lands will not endanger health, create a nuisance or otherwise be incompatible to the overall operation of Project Nos. 2179 and 2467.

The Commission finds:

The withdrawal of the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of section 35, T. 3 S., R. 15 E., insofar as it affects Power Site Classification No. 267,

serves no useful purpose and should be vacated.

By the Commission.

[SEAL] KENNETH F. PLUMB,  
Secretary.

[FR Doc.72-6701 Filed 5-2-72; 8:46 am]

[Docket No. CP72-250]

## CONSOLIDATED GAS SUPPLY CORP.

### Notice of Application

APRIL 26, 1972.

Take notice that on April 18, 1972, Consolidated Gas Supply Corp. (Applicant), 445 West Main Street, Clarksburg, WV 26301, filed in Docket No. CP72-250 an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing Applicant to render increased natural gas service to Transcontinental Gas Pipe Line Corp. (Transco), an existing storage service customer, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Applicant seeks authorization to increase the volume of natural gas to be stored by it for Transco from a maximum of 32,975,000 Mcf to a maximum of 35,975,000 Mcf, and to increase its maximum daily deliveries of natural gas to Transco from 558,500 Mcf to 603,500 Mcf for the storage year beginning April 1, 1972. For the storage year beginning April 1, 1973, Applicant seeks authorization to store up to a maximum of 36,975,000 Mcf for Transco with maximum daily deliveries of 603,500 Mcf; and for the storage years beginning April 1, 1974, and each April 1 thereafter, authorization to store for Transco up to a maximum of 37,975,000 Mcf with maximum daily deliveries of 603,500 Mcf.

Applicant states that the proposed increased storage service to be rendered for Transco is contingent upon the receipt by Transco of authorization to transport certain volumes of gas for Applicant, over a 20-year period, from South Louisiana to Applicant's Appalachian market area, all as more fully described in Transco's application in Docket No. CP72-244. Applicant states further that the increased storage service is proposed in order to enable it to secure a firm supply of its own gas through the transportation service proposed by Transco in Docket No. CP72-244 and to enable Transco to render increased storage services for its customers.

Applicant does not propose the construction of any additional facilities in connection with its application. Deliveries by Transco to Applicant and by Applicant to Transco would continue to be made at the existing connection of their pipelines at the Leidy Storage Pool in Clinton County, Pa.

Any person desiring to be heard or to make any protest with reference to said application should on or before May 16, 1972, file with the Federal Power Commission, Washington, D.C. 20426, a peti-

tion to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a petition to intervene in accordance with the Commission's rules.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act and the Commission's rules of practice and procedure, a hearing will be held without further notice before the Commission on this application if no petition to intervene is filed within the time required herein, if the Commission on its own review of the matter finds that a grant of the certificate is required by the public convenience and necessity. If a petition for leave to intervene is timely filed, or if the Commission on its own motion believes that a formal hearing is required, further notice of such hearing will be duly given.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicant to appear or be represented at the hearing.

KENNETH F. PLUMB,  
Secretary.

[FR Doc.72-6702 Filed 5-2-72; 8:46 am]

[Docket No. CP67-221]

## EAST TENNESSEE NATURAL GAS CO.

### Notice of Petition To Amend

APRIL 26, 1972.

Take notice that on March 30, 1972, East Tennessee Natural Gas Co. (Petitioner), Post Office Box 10245, Knoxville, TN 37919, filed in Docket No. CP67-221 a petition to amend the order of the Commission issued in said docket on August 2, 1967 (38 FPC 237), pursuant to section 7(c) of the Natural Gas Act by authorizing a reduction in the daily volumes of natural gas which it transports and sells to Mobil Chemical Co. (Mobil), all as more fully set forth in the petition to amend which is on file with the Commission and open to public inspection.

Petitioner is authorized in subject docket to transport and to sell to Mobil at its plant in Mount Pleasant, Maury County, Tenn., a maximum daily quantity of up to 4,290 Mcf of natural gas per day of which the first 1,668 Mcf is on a firm daily basis. Mobil has advised Petitioner that operations at its plant are being curtailed and that its needs for natural gas have been reduced. Accordingly, Petitioner has entered into a new sales contract with Mobil, effective December 17, 1971, for a reduced level of natural gas service, and requests herein



authorization to transport and sell to Mobil a reduced maximum daily quantity of up to 1,430 Mcf of natural gas per day of which the first 286 Mcf is on a firm daily basis.

Any person desiring to be heard or to make any protest with reference to said petition to amend should on or before May 16, 1972, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10) and the regulations under the Natural Gas Act (18 CFR 157.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a petition to intervene in accordance with the Commission's rules.

KENNETH F. PLUMB,  
Secretary.

[FR Doc.72-8704 Filed 5-2-72;8:46 am]

[Docket No. CS72-980, etc.]

#### ROBERT L. KELLY ET AL.

#### Notice of Applications for "Small Producer" Certificates<sup>1</sup>

APRIL 25, 1972.

Take notice that each of the Applicants listed herein has filed an application pursuant to section 7(c) of the Natural Gas Act and § 157.40 of the regulations thereunder for a "small producer" certificate of public convenience and necessity authorizing the sale for resale and delivery of natural gas in interstate commerce, all as more fully set forth in the applications which are on file with the Commission and open to public inspection.

Any person desiring to be heard or to make any protest with reference to said applications should on or before May 22, 1972, file with the Federal Power Commission, Washington, D.C. 20426, petitions to intervene or protests in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Persons wishing to become parties to a proceeding or to participate as a party in any hearing therein must file petitions to intervene in accordance with the Commission's rules.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act and the Commission's rules of practice and procedure, a hearing will be held without

further notice before the Commission on all applications in which no petition to intervene is filed within the time required herein if the Commission on its own review of the matter believes that a grant of the certificates is required by the public convenience and necessity. Where a petition for leave to intervene is timely filed, or where the Commission on its own motion believes that a formal hearing is required, further notice of such hearing will be duly given.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or be represented at the hearing.

KENNETH F. PLUMB,  
Secretary.

Docket No.	Date filed	Name of applicant
CS72-980...	4-11-72	Robert L. Kelly, 9 Savannah Ct., Bethesda, MD 20034.
CS72-981...	4-11-72	Gregory L. Kelly, 101 Ocean Ave., Santa Monica, CA 90402.
CS72-982...	4-11-72	Laurence B. Kelly and Laurence B. Kelly, Trustee, under the will of Laurence Corbett Kelly, deceased, 509 Avondale Ave., Los Angeles, CA 90048.
CS72-983...	4-7-72	Petroleum Distributors, Inc., 204 Security Life Bldg., Denver, Colo. 80202.
CS72-984...	4-13-72	Forrest D. Jones, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-985...	4-13-72	Harry F. Schnitger, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-986...	4-14-72	Weldon C. Julander, 632 Guaranty Bank Bldg., Denver, Colo. 80202.
CS72-987...	4-13-72	Dorothy N. Manziel, Post Office Box 3005, Station A, Tyler, TX 75701.
CS72-988...	4-13-72	C. N. Barton, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-989...	4-13-72	George F. Roach, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-990...	4-13-72	Harold L. Hodges, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-991...	4-13-72	Ona Mae Long, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-992...	4-13-72	Peter G. Pierce, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-993...	4-13-72	Warren D. Long, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-994...	4-13-72	Charles E. Osgood, Jr., Post Office Box 1435, Denver, CO 80201.
CS72-995...	4-13-72	John R. Thompson, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-996...	4-13-72	Carl R. Bogardus, Jr., 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-997...	4-13-72	Ronald M. Hill, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-998...	4-13-72	Robert L. Scott, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-999...	4-13-72	J. D. Hodges, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-1000...	4-13-72	Katherine C. Harrell, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-1001...	4-13-72	Ronald M. Hill, Executor of the Estate of Irving H. Hill, deceased, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-1003...	4-13-72	Archer L. Brock, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-1004...	4-13-72	David W. Boyer, 1925 East Orman Ave., Pueblo, CO 81004.

Docket No.	Date filed	Name of applicant
CS72-1005...	4-17-72	Salomon Brothers, 1 New York Plaza, New York, NY 10004.
CS72-1006...	4-17-72	Joseph M. Rice, Box 794, Deerfield Beach, FL 33441.
CS72-1007...	4-17-72	Kenneth M. Axelrod, Post Office Drawer A, Borger, TX 79007.
CS72-1008...	4-17-72	Beverly M. Axelrod, Post Office Drawer A, Borger, TX 79007.
CS72-1009...	4-17-72	Comps, Inc., Post Office Drawer A, Borger, TX 79007.
CS72-1010...	4-17-72	Mabel Barfield Calhoun, Post Office Box 66, Logansport, LA 71049.
CS72-1011...	4-17-72	Nita Calhoun Smith, 602 Lincoln Ave., Mansfield, LA 71052.
CS72-1012...	4-17-72	Alfred L. Loomis, Jr., 48 Wall Street, Suite 1200, New York, NY 10005.
CS72-1013...	4-17-72	Victoria Lynn Manziel, Post Office Box 3005, Station A, Tyler, TX 75701.
CS72-1014...	4-14-72	Jack H. Choate, Post Office Box 218, Hennessey, OK 73742.
CS72-1015...	4-17-72	Farmers Royalty Pool, 1606 First National Bldg., Oklahoma City, Okla. 73102.
CS72-1016...	4-19-72	Geological Exploration Co., Post Office Box 1644, Longview, TX 75601.
CS72-1017...	4-19-72	Petrolia Drilling Corp., Post Office Box 14, Birmingham, MI 48012.
CS72-1018...	4-19-72	Lyman E. Galbraith, 1365 First National Center, Oklahoma City, Okla. 73102.
CS72-1019...	4-20-72	W. M. Null, 1006 Guaranty Bank Plaza, Corpus Christi, Tex. 78401.

[FR Doc.72-6699 Filed 5-2-72;8:46 am]

[Docket No. CP72-243]

#### MISSISSIPPI RIVER TRANSMISSION CORP.

#### Notice of Application

APRIL 26, 1972.

Take notice that on April 11, 1972, Mississippi River Transmission Corp. (Applicant), 9900 Clayton Road, St. Louis, Mo. 63124, filed in Docket No. CP72-243 a budget-type application pursuant to section 7(c) of the Natural Gas Act, as implemented by § 157.7(b) of the regulations under said Act, for a certificate of public convenience and necessity authorizing the construction, during the 12-month period commencing June 1, 1972, and operation of certain natural gas facilities to enable Applicant to take into its pipeline system supplies of natural gas which may be purchased from sources of supply in the general area of Applicant's existing pipeline system, all as more fully set forth in the application which is on file with the Commission and open to public inspection.

Applicant states that the purpose of this budget-type application is to augment its ability to act with reasonable dispatch in contracting for and connecting to its pipeline system supplies of natural gas which may become available from various producing areas generally coextensive with said system.

The total cost of the proposed facilities will not exceed \$400,000 and no single project will exceed \$100,000. Applicant states the proposed projects will be financed from funds on hand and funds generated through normal operations.

<sup>1</sup> This notice does not provide for consolidation for hearing of the several matters covered herein.



Any person desiring to be heard or to make any protest with reference to said application should on or before May 16, 1972, file with the Federal Power Commission, Washington, D.C. 20426, a petition to intervene or a protest in accordance with the requirements of the Commission's rules of practice and procedure (18 CFR 1.8 or 1.10) and the regulations under the Natural Gas Act (18 CFR 157.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a petition to intervene in accordance with the Commission's rules.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act and the Commission's rules of practice and procedure, a hearing will be held without further notice before the Commission on this application if no petition to intervene is filed within the time required herein, if the Commission on its own review of the matter finds that a grant of the certificate is required by the public convenience and necessity. If a petition for leave to intervene is timely filed, or if the Commission on its own motion believes that a formal hearing is required, further notice of such hearing will be duly given.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicant to appear or be represented at the hearing.

KENNETH F. PLUMB,  
Secretary.

[FR Doc.72-6703 Filed 5-2-72;8:46 am]

[Docket No. DA-192 Utah, U.S. Geological Survey]

## WITHDRAWAL OF CERTAIN POWER, SITE LANDS IN UTAH AND WYOMING

### Finding and Order Under Section 24 of the Federal Power Act

APRIL 19, 1972.

Lands withdrawn in Power Site Reserve No. 107 (Utah), Power Site Classification No. 411 (Utah), and Project No. 165 (Utah and Wyoming), Docket No. DA-192 Utah U.S. Geological Survey.

Application has been filed by the Geological Survey for revocation of Power Site Reserve No. 107 and Power Site Classification No. 411 insofar as they pertain to lands in the reach of the Green River occupied by the Bureau of Reclamation's Flaming Gorge Reservoir. In addition the Geological Survey has recommended the revocation of the withdrawal for Project No. 165 which also pertains to this reach of the Green River.

The proposed revocations necessitate Commission consideration under section 24 of the Federal Power Act.

All of the subject lands lie within or adjacent to the Flaming Gorge Reservoir site and are described in the attached land lists.

The withdrawal for Project No. 165 was made pursuant to the filing by the Utah Power & Light Co., on January 24, 1921, of an application for preliminary permit wherein the Company proposed construction of a project similar to the Flaming Gorge Project subsequently constructed by the Bureau of Reclamation. A 3-year preliminary permit was issued for Project No. 165 on August 15, 1923, however, the subsequent application for license was denied.

The Bureau of Reclamation's Flaming Gorge Project was constructed during the period 1957-64. The Bureau has reported that the area of public domain required for the operation and maintenance of the Flaming Gorge Project is now covered by a reclamation withdrawal and that the Bureau has no objection to the revocation of the waterpower withdrawals as recommended by the Geological Survey.

The Commission's inventory of undeveloped hydroelectric sites includes the potential Bear Mountain pumped storage development which would utilize Flaming Gorge Reservoir as the lower pool, however, the upper pool site is not covered by the subject waterpower withdrawals.

The Commission finds:

The subject withdrawals no longer serve a useful purpose and it has no objection to the revocation of Power Site Reserve No. 107 and Power Site Classification No. 411 insofar as they pertain to lands described in attached Land List A.

The Commission orders:

The withdrawal for Project No. 165 is hereby vacated in its entirety (lands described in attached Land List B).

By the Commission.

[SEAL] KENNETH F. PLUMB,  
Secretary.

#### LAND LIST A

1. Lands to be released from Power Site Reserve No. 107:

#### SALT LAKE MERIDIAN, UTAH

- T. 2 N., R. 20 E.,  
Sec. 1, lots 1, 2, 3, SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ ;  
Sec. 11, lots 1, 2, 3, 4, 5;  
Sec. 12, lot 1, NW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ ;  
Sec. 13, lots 1, 2, 3, W  $\frac{1}{2}$  NE  $\frac{1}{4}$ ;  
Sec. 24, lot 1.  
T. 3 N., R. 20 E.,  
Sec. 35, lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, NW  $\frac{1}{4}$  NW  $\frac{1}{4}$ , N  $\frac{1}{2}$  SE  $\frac{1}{4}$ , SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ .  
T. 2 N., R. 21 E.,  
Sec. 5, W  $\frac{1}{2}$  NW  $\frac{1}{4}$ , NW  $\frac{1}{4}$  SW  $\frac{1}{4}$ ;  
Sec. 6, lots 1, 8, 9, 10, 11, 12;  
Sec. 11, S  $\frac{1}{2}$  S  $\frac{1}{2}$ ;  
Sec. 12, lots 1, 2, 3, NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ ;  
Sec. 13, lot 1;  
Sec. 14, lots 1, 2;  
Sec. 15, lots 1, 2, E  $\frac{1}{2}$  NE  $\frac{1}{4}$ ;  
Sec. 19, lots 3, 4, 5, 6, 7, 8;  
Sec. 20, lots 1, 2, 3, 4, NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ ;  
Sec. 21, lots 1, 2, 3, 4, N  $\frac{1}{2}$  NE  $\frac{1}{4}$ ;  
Sec. 22, lots 1, 2, 3, 4, W  $\frac{1}{2}$  NE  $\frac{1}{4}$ , NW  $\frac{1}{4}$ .

- T. 3 N., R. 21 E.,  
Sec. 17, lots 1, 2, 3, E  $\frac{1}{2}$  SW  $\frac{1}{4}$ , SE  $\frac{1}{4}$ ;  
Sec. 20, E  $\frac{1}{2}$ , E  $\frac{1}{2}$  W  $\frac{1}{2}$ ;  
Sec. 21, W  $\frac{1}{2}$ ;  
Sec. 28, N  $\frac{1}{2}$  NW  $\frac{1}{4}$ , SW  $\frac{1}{4}$  NW  $\frac{1}{4}$ ;  
Sec. 29, S  $\frac{1}{2}$  S  $\frac{1}{2}$ ;  
Sec. 30, lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11;  
Sec. 31, lots 2, 3, 4, 5, 6, 7, 8, 9.

- T. 2 N., R. 22 E.,  
Sec. 7, lots 2, 3, 4, 5, 6, 7, 8, SE  $\frac{1}{4}$  NW  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;  
Sec. 8, SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;  
Sec. 9, lots 1, 2, 3, 4, SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ ;  
Sec. 10, lot 1, S  $\frac{1}{2}$  NW  $\frac{1}{4}$ , SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;  
Sec. 15, lots 1, 2, 3, 4, E  $\frac{1}{2}$  NE  $\frac{1}{4}$ ;  
Sec. 17, lots 1, 2, 3;  
Sec. 18, lots 1, 2, 3, 4, 5, NE  $\frac{1}{4}$ .  
Approximately 6,759.21 acres.

2. Lands to be released from Power Site

Classification No. 411:

- T. 2 N., R. 20 E.,  
Sec. 2, lots 1, 2, 3, 4, 5, 6, 7, 8, SE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  NW  $\frac{1}{4}$ , NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , NE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;  
Sec. 10, lots 1, 2, NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ ;  
Sec. 11, lots 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, N  $\frac{1}{2}$  NW  $\frac{1}{4}$ , SW  $\frac{1}{4}$  NW  $\frac{1}{4}$ ;  
Sec. 12, lot 2;  
Sec. 13, lots 4, 5, 6, 7, 8, 9, SW  $\frac{1}{4}$  NW  $\frac{1}{4}$ , NW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ ;  
Sec. 14, lot 1, NW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , N  $\frac{1}{2}$  NW  $\frac{1}{4}$ ;  
Sec. 24, lots 2, 3, 4.

- T. 3 N., R. 20 E.,  
Sec. 26, SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ .

- T. 2 N., R. 21 E.,  
Every smallest legal subdivision along the right bank (south bank) of Green River any portion of which, when surveyed, will be at an elevation of 5,900 feet or less above mean sea level and as shown by the map entitled "Plan and Profile, Green River, Green River, Utah, to Green River, Wyoming" published by the U.S. Geological Survey in 1924. Protraction of land net from existing surveys indicates that the land will be in sections 12, 13, 14, 15, 19, 20, 21, 22, and 23.

- T. 2 N., R. 22 E.,  
Sec. 7, lots 9, 10, 11;  
Sec. 9, lots 5, 6;  
Sec. 10, lots 2, 3;  
Sec. 15, lots 5, 6, 7, 8, 9, 10, 11, 12, SE  $\frac{1}{4}$  NW  $\frac{1}{4}$ , NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ ;  
Sec. 16, lots 2, 3, 4, 5, 6, 7, 8, SW  $\frac{1}{4}$  NW  $\frac{1}{4}$ ;  
Sec. 17, lots 4, 5, 6, 7, 8, S  $\frac{1}{2}$  NE  $\frac{1}{4}$ ;  
Sec. 18, lots 6, 7, 8, 9, 11, 12, SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ .  
Approximately 3,909.45 acres.

#### LAND LIST B

Vacation of Land Withdrawal Project No. 165 (Utah and Wyoming)

#### SALT LAKE MERIDIAN, UTAH

- T. 2 N., R. 20 E.,  
Sec. 1, lots 1, 2, and 3, SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ .  
T. 3 N., R. 20 E.,  
Sec. 13, lot 4, NW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , S  $\frac{1}{2}$  SE  $\frac{1}{4}$ ;  
Sec. 14, lots 1 and 2;  
Sec. 23, S  $\frac{1}{2}$  S  $\frac{1}{2}$ ;  
Sec. 24, NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$ , W  $\frac{1}{2}$  SE  $\frac{1}{4}$ ;  
Sec. 25, lots 1, 2 and 4;  
Sec. 26, lots 1, 2, 3 and 4.  
T. 2 N., R. 21 E.,  
Sec. 5, NW  $\frac{1}{4}$ , N  $\frac{1}{2}$  SW  $\frac{1}{4}$ ;  
Sec. 6, lots 1 to 12 inclusive;  
Sec. 11, W  $\frac{1}{2}$  NE  $\frac{1}{4}$ , E  $\frac{1}{2}$  NW  $\frac{1}{4}$ , NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , S  $\frac{1}{2}$  SW  $\frac{1}{4}$ , W  $\frac{1}{2}$  SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ;  
Sec. 14, lots 1 and 2.



T. 3 N., R. 21 E.,  
 Sec. 13, S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 14, S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 15, lots 1 to 7 inclusive, S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 17, lots 1 to 4 inclusive, S $\frac{1}{2}$ ;  
 Sec. 18, lots 1 to 6 inclusive, E $\frac{1}{2}$ SW $\frac{1}{4}$ ,  
 SE $\frac{1}{4}$ ;  
 Sec. 19, lots 1 and 2, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SE $\frac{1}{4}$ ;  
 Sec. 20, all;  
 Sec. 21, all;  
 Sec. 22, lots 1 to 10 inclusive, E $\frac{1}{2}$ ;  
 Sec. 23, N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 24, all;  
 Sec. 25, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 26, S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$ ;  
 Sec. 27, lots 1 to 9 inclusive, E $\frac{1}{2}$ ;  
 Sec. 28, all;  
 Sec. 29, S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 30, lots 1 to 11 inclusive;  
 Sec. 31, lots 1 to 9 inclusive, S $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$   
 SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 33, lots 1 and 2, S $\frac{1}{2}$ N $\frac{1}{2}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ ,  
 N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 34, N $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 35, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , SW $\frac{1}{4}$ .  
 T. 3 N., R. 22 E.,  
 Sec. 19, lots 1, 2 and 3;  
 Sec. 30, lot 1.

## SIXTH PRINCIPAL MERIDIAN, WYOMING

T. 17 N., R. 106 W.,  
 Sec. 4, SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 6, lots 9 to 14 inclusive, and 16 to 24  
 inclusive;  
 Sec. 8, lots 1, 3 and 4, W $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ ,  
 SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 18, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 20, lots 1 to 5 inclusive;  
 Sec. 30, lots 5 to 13 inclusive, 16, 17, NE $\frac{1}{4}$ ,  
 NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 32, S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ .  
 T. 12 N., R. 107 W.,  
 Sec. 18, lot 8;  
 Sec. 19, lots 6, 7 and 8.  
 T. 13 N., R. 107 W.,  
 Sec. 6, lots 5, 6 and 7;  
 Sec. 7, lots 2, 3 and 4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$   
 NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 18, lots 1, 2, 3, and 4, W $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$   
 NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 19, lots 1 to 4 inclusive, NE $\frac{1}{4}$ , E $\frac{1}{2}$   
 NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 30, lots 1 to 4 inclusive, NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 31, lots 1 and 2, W $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ .  
 T. 14 N., R. 107 W.,  
 Sec. 19, lots 2, 3 and 4;  
 Sec. 31, lots 1, 2 and 3, E $\frac{1}{2}$ NW $\frac{1}{4}$ .  
 T. 15 N., R. 107 W.,  
 Sec. 5, lots 1, 2, 3 and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , SW $\frac{1}{4}$ ,  
 W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 8, NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ .  
 T. 16 N., R. 107 W.,  
 Sec. 2, lot 5;  
 Sec. 10, all;  
 Sec. 12, lot 1;  
 Sec. 14, lots 1 to 6 inclusive, W $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$   
 NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ;  
 Sec. 22, all;  
 Sec. 28, E $\frac{1}{2}$ ;  
 Sec. 30, lot 8, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 32, lots 1 to 8 inclusive, N $\frac{1}{2}$ NE $\frac{1}{4}$ ,  
 SE $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 34, lots 1, 2 and 3, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$   
 NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ .  
 T. 12 N., R. 108 W.,  
 Sec. 1, SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 2, lots 5 to 16 inclusive, SW $\frac{1}{4}$ NE $\frac{1}{4}$ ,  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 3, lots 5 to 9 inclusive, W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ ,  
 N $\frac{1}{2}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 4, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 10, lots 1, 2 and 3, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$   
 SE $\frac{1}{4}$ ;  
 Sec. 11, lots 1 to 9 inclusive, NE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
 S $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 12, W $\frac{1}{2}$ NW $\frac{1}{4}$ ;

Sec. 13, SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 14, lot 1, S $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$   
 NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 15, lots 1 to 10 inclusive, SE $\frac{1}{4}$ NE $\frac{1}{4}$ ,  
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ;  
 Sec. 19, lots 9 and 10;  
 Sec. 20, E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 21, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ ;  
 Sec. 22, lots 5 to 14 inclusive, N $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 23, all;  
 Sec. 24, N $\frac{1}{2}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 25, lots 1, 2 and 3;  
 Sec. 26, lots 1, 2, 3 and 4;  
 Sec. 27, lots 1 and 2;  
 Sec. 28, lots 1, 2, 3 and 4;  
 Sec. 29, lot 1;  
 Sec. 30, lot 4.  
 T. 13 N., R. 108 W.,  
 Sec. 1, lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$   
 SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 2, all;  
 Sec. 3, lots 1 and 2, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 11, lots 1 to 5 inclusive, NW $\frac{1}{4}$ , NE $\frac{1}{4}$   
 SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 12, lots 1 to 7 inclusive, NE $\frac{1}{4}$ , N $\frac{1}{2}$   
 NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 13, lots 1, 4, 5, 6, 7 and 8, N $\frac{1}{2}$ NW $\frac{1}{4}$ ,  
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$   
 SE $\frac{1}{4}$ ;  
 Sec. 14, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ ;  
 Sec. 15, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 21, S $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 22, NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$   
 SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 23, lots 1, 2, 5 and 6, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ ,  
 W $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 24, lot 2, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ ;  
 Sec. 25, lots 1, 4, 5, 6, 7, 8 and 9, N $\frac{1}{2}$ NE $\frac{1}{4}$ ,  
 SE $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$   
 SE $\frac{1}{4}$ ;  
 Sec. 26, lots 2, 3, 4, 5, 7, 8, 9 and 10, W $\frac{1}{2}$   
 NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 27, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 33, E $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 34, S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ ;  
 Sec. 35, all.  
 T. 14 N., R. 108 W.,  
 Sec. 1, lot 5, NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 2, lots 4 to 8 inclusive, S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 3, all;  
 Sec. 4, all;  
 Sec. 5, lots 1 to 8 inclusive, S $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 8, lots 1, 2 and 3, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ ,  
 SE $\frac{1}{4}$ ;  
 Sec. 9, all;  
 Sec. 10, all;  
 Sec. 11, lots 1 to 5 inclusive, SW $\frac{1}{4}$ ;  
 Sec. 12, lots 1, 4, 5, 8 and 9, W $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$   
 NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 13, lots 1, 2, 4 and 5, E $\frac{1}{2}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
 E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 14, lots 3 and 4, W $\frac{1}{2}$ ;  
 Sec. 15, all;  
 Sec. 21, E $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 22, N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 23, lot 1, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$   
 SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 24, lots 2, 3, 4 and 8, E $\frac{1}{2}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 25, lots 1, 5, 6 and 7, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$   
 SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 26, lots 3 to 8 inclusive, N $\frac{1}{2}$ ;  
 Sec. 27, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 34, E $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 35, lots 1 to 8 inclusive, NE $\frac{1}{4}$ .  
 T. 15 N., R. 108 W.,  
 Sec. 2, lots 2, 3 and 4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ ,  
 SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 10, NE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 12, lots 1 to 8 inclusive, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$   
 SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 14, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
 S $\frac{1}{2}$ ;  
 Sec. 22, lots 1 and 2, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
 SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 24, lots 2, 3 and 4, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$   
 SW $\frac{1}{4}$ ;

Sec. 26, lots 1, 3, 4 and 5, W $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 27, lot 7, SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 28, lots 1 and 2, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ ,  
 S $\frac{1}{2}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 29, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 32, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
 NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 33, lots 1, 2 and 4, W $\frac{1}{2}$ ;  
 Sec. 34, lots 1, 2 and 3, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$   
 NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 35, SW $\frac{1}{4}$ .  
 T. 16 N., R. 108 W.,  
 Sec. 6, lots 1, 2 and 3, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ ,  
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 8, S $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ ;  
 Sec. 18, lot 1, N $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 20, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SE $\frac{1}{4}$ ;  
 Sec. 22, W $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 29, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ;  
 Sec. 28, NE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 34, all.  
 T. 17 N., R. 108 W.,  
 Sec. 18, lot 1, N $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 20, N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$   
 SE $\frac{1}{4}$ ;  
 Sec. 30, E $\frac{1}{2}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 32, all;  
 Sec. 34, SW $\frac{1}{4}$ SW $\frac{1}{4}$ .  
 T. 12 N., R. 109 W.,  
 Sec. 14, W $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 23, lots 5, 7, 8, 9 and 10, N $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 24, lots 5, 6, 7 and 8, S $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$   
 SE $\frac{1}{4}$ ;  
 Sec. 25, lots 1 and 2.  
 T. 16 N., R. 109 W.,  
 Sec. 12, S $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ .  
 Approximately 51,628.64 acres.

[FR Doc. 72-6610 Filed 5-2-72; 8:45 am]

## FEDERAL RESERVE SYSTEM

## FIRST NATIONAL BANCORPORATION, INC.

## Order Approving Acquisition of Bank

The First National Bancorporation, Inc., Denver, Colo., a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under section 3(a) (3) of the Act (12 U.S.C. 1842(a) (3)) to acquire 80 percent or more of the voting shares of The East Colorado Springs National Bank, Colorado Springs, Colo. (Bank).

Notice of receipt of the application has been given in accordance with section 3(b) of the Act, and the time for filing comments and views has expired. The Board has considered the application and all comments received in the light of the factors set forth in section 3(c) of the Act (12 U.S.C. 1842(c)) and finds that:

Applicant has seven subsidiary banks controlling aggregate deposits of \$706.1 million and is the largest bank holding company and banking organization in Colorado, controlling 15.3 percent of total commercial bank deposits in the State.<sup>1</sup> Acquisition of Bank (\$9.2 million in deposits) would increase the share of deposits held by Applicant by 0.20 percentage points.

<sup>1</sup> Banking data are as of June 30, 1971, and reflect bank holding company formations and acquisitions approved through Mar. 31, 1972.



Bank, located approximately 3 miles northwest of downtown Colorado Springs,<sup>2</sup> is the 12th largest of 22 banks in the Colorado Springs banking market and holds 2.4 percent of total commercial bank deposits in that market. Applicant's closest subsidiary to Bank is located approximately 60 miles north of Colorado Springs and there does not appear to be any meaningful competition between Bank and any of applicant's subsidiary banks. It appears that applicant's entry into that market through the proposed acquisition would result in increased competition through the introduction of applicant's resource strength and service capabilities in a manner which will also eliminate an affiliation (which has existed since Bank was chartered in 1964) between Bank and Colorado Springs National Bank (\$47.7 million of deposits), which is the third largest bank in Colorado Springs. Consequently, consummation of the proposal would have a procompetitive effect.

Considerations relating to the financial condition, managerial resources and prospects of applicant and its subsidiary banks appear satisfactory and consistent with approval. Upon consummation of the proposed acquisition, applicant proposes to significantly strengthen Bank's capital position and such action should enhance Bank's ability to compete with the larger banks in Colorado Springs, most of which are presently affiliated with multibank holding companies. These considerations lend weight toward approval.

It appears that the present banking needs of the Colorado Springs community are being adequately served by banking facilities operating in that area. Applicant plans to assist Bank in providing trust and other specialized services, in addition to increased loan participations. The provision of additional sources for such services should be of some benefit to the community and, therefore, convenience and needs considerations are consistent with approval of the proposal. It is the Board's judgment that consummation of the proposed acquisition would be in the public interest and that the application should be approved.

On the basis of the record, the application is approved for the reasons summarized above. The transaction shall not be consummated (a) before the 30th calendar day following the date of this order or (b) later than 3 months after the date of this order, unless such period is extended for good cause by the Board, or by the Federal Reserve Bank of Kansas City pursuant to delegated authority.

<sup>2</sup> On Apr. 1, 1971, the Board approved applicant's application to acquire shares of The Exchange National Bank of Colorado Springs (\$72.6 million of deposits). Applicant abandoned that proposal subsequent to the initiation of litigation by the Department of Justice.

By order of the Board of Governors,<sup>1</sup>  
April 26, 1972.

[SEAL]

TYNAN SMITH,  
Secretary of the Board.

[FR Doc.72-6687 Filed 5-2-72; 8:45 am]

### FIRST AT ORLANDO CORP.

#### Acquisition of Bank

First at Orlando Corp., Orlando, Fla., has applied for the Board's approval under section 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire at least 90 percent of the voting shares of The Seminole Bank of Tampa, Tampa, Fla. The factors that are considered in acting on the application are set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

The application may be inspected at the office of the Board of Governors or at the Federal Reserve Bank of Atlanta. Any person wishing to comment on the application should submit his views in writing to the Secretary, Board of Governors of the Federal Reserve System, Washington, D.C. 20551, to be received not later than May 18, 1972.

Board of Governors of the Federal Reserve System, April 26, 1972.

[SEAL]

MICHAEL A. GREENSPAN,  
Assistant Secretary.

[FR Doc.72-6685 Filed 5-2-72; 8:45 am]

### FIRST UNION, INC.

#### Order Approving Acquisition of Bank

First Union, Inc., St. Louis, Mo., a bank holding company within the meaning of the Bank Holding Company Act, has applied for the Board's approval under section 3(a)(3) of the Act (12 U.S.C. 1842(a)(3)) to acquire 80 percent or more of the voting shares of Missouri State Bank of Sedalia, Sedalia, Mo. (Bank).

Notice of receipt of the application has been given in accordance with section 3(b) of the Act, and the time for filing comments and views has expired. The Board has considered the application and all comments received in the light of the factors set forth in section 3(c) of the Act (12 U.S.C. 1842(c)) and finds that:

Applicant, the third largest banking organization and third largest bank holding company in Missouri on the basis of deposits, has eight subsidiary banks with aggregate deposits of \$879.9 million, representing 7.7 percent of the total commercial bank deposits in the State. (All banking data are as of June 30, 1971, adjusted to reflect holding company acquisitions and formations approved by the Board through March 31, 1972.) Consummation of the proposal herein would increase applicant's share of commercial bank deposits in the State by less than 0.1 percentage point, and would not alter applicant's ranking

<sup>1</sup> Voting for this action: Chairman Burns and Governors Robertson, Daane, and Sheehan. Absent and not voting: Governors Mitchell, Maisel, and Brimmer.

among the State's other banking organizations and bank holding companies.

Bank (\$7.4 million of deposits) is the smallest of four banks in its primary service area, which is approximated by Sedalia and the immediate surrounding area, and holds only about 13 per cent of the area's deposits. There is no significant existing competition between Bank and applicant's present subsidiaries, the closest of which is about 100 miles northwest of Sedalia. Furthermore, in light of the facts of record, including the distances separating applicant's subsidiary banks and Bank, Missouri's restrictive branching laws, and the unattractiveness of the Sedalia area for de novo entry because of a low population to bank office ratio, there seems to be little prospect for the development of significant competition between Bank and applicant's subsidiaries. It therefore appears that consummation of the proposal herein would not likely have any adverse effects on Bank's competitors but would enable Bank to compete more effectively with the larger banks in its service area.

The financial and managerial resources and prospects of applicant, its subsidiaries, and Bank are all regarded as satisfactory and consistent with approval of the application. Applicant proposes to assist Bank in enlarging its range of services to include specialized commercial lending, and to offer trust and investment services through the resources of applicant. Bank's ability to offer these new and expanded services will enhance its competitive capabilities in the Sedalia area. Considerations relating to the convenience and needs of the communities to be served, therefore, lend weight in support of approval of the application. It is the Board's judgment that consummation of the proposed acquisition would be in the public interest, and that the application should be approved.

On the basis of the record, the application is approved for the reasons summarized above. The transaction shall not be consummated (a) before the 30th calendar day following the date of this order or (b) later than 3 months after the date of this order, unless such period is extended for good cause by the Board, or by the Federal Reserve Bank of St. Louis pursuant to delegated authority.

By order of the Board of Governors,<sup>1</sup>  
April 26, 1972.

[SEAL]

TYNAN SMITH,  
Secretary of the Board.

[FR Doc.72-6688 Filed 5-2-72; 8:45 am]

### SOUTHWEST BANCSHARES, INC.

#### Acquisition of Bank

Southwest Bancshares, Inc., Houston, Tex., has applied for the Board's approval under section 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire 100 percent of the voting shares (less directors' qualifying

<sup>1</sup> Voting for this action: Chairman Burns and Governors Robertson, Daane, and Sheehan. Absent and not voting: Governors Mitchell, Maisel, and Brimmer.



shares) of Bank of Woodlake, National Association, Houston, Tex. The factors that are considered in acting on the application are set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

The application may be inspected at the office of the Board of Governors or at the Federal Reserve Bank of Dallas. Any person wishing to comment on the application should submit his views in writing to the Reserve Bank to be received not later than May 17, 1972.

Board of Governors of the Federal Reserve System, April 26, 1972.

[SEAL] MICHAEL A. GREENSPAN,  
Assistant Secretary.

[FR Doc.72-6586 Filed 5-2-72; 8:45 am]

## NATIONAL ADVISORY COMMITTEE ON OCCUPATIONAL SAFETY AND HEALTH

ADVICE, CONSULTATIONS, AND  
RECOMMENDATIONS UNDER  
WILLIAMS-STEIGER OCCUPA-  
TIONAL SAFETY AND HEALTH ACT  
OF 1970

### Notice of Public Meeting

Notice is hereby given that there will be a meeting of the Subcommittee on State Programs of the National Advisory Committee on Occupational Safety and Health on May 10 and 11, 1972. The meeting will begin both mornings at 9 a.m., in Conference Room 216 C and D, on the basement floor of the Department of Labor Building, 14th and Constitution Avenue NW., Washington, DC.

The National Advisory Committee on Occupational Safety and Health is established under section 7(a) of the Williams-Steiger Occupational Safety and Health Act (29 U.S.C. 656). The Committee is directed to advise, consult with, and make recommendations to the Secretary of Labor and the Secretary of Health, Education, and Welfare on matters relating to the administration of the Act.

The meeting of the Committee shall be open to the public. A verbatim transcript shall be kept. The transcript shall be available for public inspection and copying at the office of the Committee's Executive Secretary, which is located in Room 1120, 1726 M Street NW., Washington, DC. Copies may also be obtained by making arrangements at the meeting with the Executive Secretary. If copies are subsequently requested, the applicants shall be referred to the reporting service.

Signed at Washington, D.C., this 28th day of April 1972.

ROGER W. GRANT,  
Executive Secretary.

[FR Doc.72-6746 Filed 5-2-72; 8:50 am]

## OFFICE OF EMERGENCY PREPAREDNESS

### MAINE

#### Amendment to Notice of Major Disaster

Notice of Major Disaster for the State of Maine, dated March 10, 1972, and published March 16, 1972 (37 F.R. 5536) is hereby amended to include the following counties among those counties determined to have been adversely affected by the catastrophe declared a major disaster by the President in his declaration of March 7, 1972:

The Counties of:

Hancock  
Knox

Washington

Dated: April 27, 1972.

G. A. LINCOLN,  
Director,  
Office of Emergency Preparedness.

[FR Doc.72-6713 Filed 5-2-72; 8:47 am]

## SECURITIES AND EXCHANGE COMMISSION

[812-1678]

### FIRST HOME INVESTMENT CORPORATION OF KANSAS, INC.

#### Notice of Filing of Application

APRIL 26, 1972.

Notice is hereby given that First Home Investment Corporation of Kansas, Inc. (FHI), a registered face-amount certificate company, has filed an application pursuant to section 28(c) of the Investment Company Act of 1940 (Act) for an order approving a depositary agreement, as amended by a Supplement (Amended Agreement) entered into between FHI and Union National Bank, Wichita, Kans. (Bank). The Amended Agreement extends the provisions of the depositary agreement to a new series face-amount certificate, Series 20LA, and also provides for the deposit and maintenance with the Bank of shares of FHI common stock purchased from FHI by holders of such certificates. All interested persons are referred to the application on file with the Commission for a statement of the representations therein, which are summarized below.

Section 28(c) provides, among other things, that the Commission shall by rule, regulation, or order, in the public interest or for the protection of investors, require a registered face-amount certificate company to deposit and maintain, upon such terms and conditions as the Commission shall prescribe, and as are appropriate for the protection of investors, with one or more institutions having the qualifications required by section 26(a) (1) of the Act for a trustee of

a unit investment trust, all or any part of the investments maintained by such company as certificate reserve requirements under the provisions of section 28(b) of the Act.

By order dated June 2, 1964, (Investment Company Act Release No. 3985) the Commission approved the depositary agreement, which provides, among other things, that FHI shall at all times deposit and maintain with the Bank qualified assets having an aggregate value at least equal to the minimum certificate reserve requirements of section 28 (b) and (c) of the Act.

The terms of the Amended Agreement, which was entered into as of December 6, 1971, will additionally require FHI to deposit and maintain with the Bank, in accordance with the terms specified in the Amended Agreement, qualified assets and required reserves with respect to the Series 20LA certificate.

Holders of the Series 20LA certificate, like holders of any other series FHI face-amount certificate, may, subject to certain conditions, purchase from FHI shares of its common stock. In connection with qualifying the Series 20LA certificate including the shares of FHI common stock so purchased as an annuity under section 401 of the Internal Revenue Code, the Amended Agreement provides that shares of FHI common stock purchased from FHI by a holder of a Series 20LA certificate shall be deposited by FHI and maintained with the Bank in a Special Share Reserve, which shall be held separate and segregated, and that FHI may withdraw shares on deposit if the remaining shares on deposit will equal the minimum number of shares so required by section 401.

The shares of FHI common stock in the Special Share Reserve shall not be treated or considered as qualified assets for the purpose of meeting the reserve requirements for any FHI face-amount certificate.

Notice is further given that any interested party may, not later than May 17, 1972, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as the nature of his interest, the reason for such request and the issues of fact or law proposed to be controverted, or he may request that he be notified if the Commission shall order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon applicant at the address stated above. Proof of such service (by affidavit or in case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0-5 of the rules and regulations promulgated under the Act, and order disposing of the application herein may be issued by the Commission upon the basis of the showing contained in said application, unless



an order for hearing upon said application shall be issued upon request or upon the Commission's own motion.

For the Commission, by the Division of Corporate Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,  
Secretary.  
[FR Doc.72-6691 Filed 5-2-72; 8:45 am]

[File 500-1]

## FLORIDA D & M CO.

### Order Suspending Trading

APRIL 26, 1972.

It appearing to the Securities and Exchange Commission that the summary suspension of trading in the common stock, \$1 par value, of Florida D & M Co. being traded otherwise than on a national securities exchange is required in the public interest and for the protection of investors:

It is ordered, Pursuant to section 15 (c) (5) of the Securities Exchange Act of 1934, that trading in such securities otherwise than on a national securities exchange be summarily suspended, this order to be effective for the period from 1:20 p.m., e.s.t., on April 26, 1972 through May 5, 1972.

By the Commission.

[SEAL] RONALD F. HUNT,  
Secretary.  
[FR Doc.72-6692 Filed 5-2-72; 8:46 am]

[811-1438]

## 451 FUND

### Notice of Proposal To Terminate Registration

APRIL 26, 1972.

Notice is hereby given that the Commission proposes, pursuant to section 8 (f) of the Investment Company Act of 1940 (Act) to declare by order upon its own motion that 451 Fund (Fund), 451 Penn Street, Reading, PA, a common law trust organized under the laws of the Commonwealth of Pennsylvania, and registered under the Act as an open-end, diversified, management investment company, has ceased to be an investment company.

Fund was organized in Pennsylvania on May 24, 1964, and filed a notification of registration on Form N-8A with the Commission on May 25, 1964. Fund states that its registration statement under the Securities Act of 1933, filed on July 23, 1964, never became effective and that Fund has never made a public offering. As of May 31, 1964 Fund had 19 individual shareholders. On May 15, 1967, pursuant to a recommendation of a majority of the shareholders followed by the unanimous resolution of Fund's trustees, the Fund was liquidated.

Section 8(f) of the Act provides in pertinent part, that when the Commission, on its own motion, finds that a registered investment company has ceased

to be an investment company, it shall so declare by order, and that upon the effectiveness of such order, which may be issued upon the Commission's own motion where appropriate, the registration of such company shall cease to be in effect.

Notice is further given that any interested person may, not later than May 16, 1972, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as to the nature of his interest, the reasons for such request, and the issues of fact or law proposed to be controverted, or he may request that he be notified if the Commission should order a hearing thereon. Any such communications should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon applicant at the address stated above. Proof of such service (by affidavit or in case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0-5 of the rules and regulations promulgated under the Act, an order disposing of the application herein may be issued by the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered will receive notice of further developments in this matter including the date of the hearing (if ordered) and any postponements thereof.

For the Commission, by the Division of Corporate Regulation, pursuant to delegated authority.

[SEAL] RONALD F. HUNT,  
Secretary.  
[FR Doc.72-6693 Filed 5-2-72; 8:46 am]

## INTERSTATE COMMERCE COMMISSION

[Sec. 5a Application 83, Amdt. 3]

### ALASKA CARRIERS ASSOCIATION, INC.

#### Application for Approval of Amendments to Agreement

APRIL 14, 1972.

The Commission is in receipt of an application in the above-entitled proceeding for approval of amendments to the agreement therein approved.

Filed Dec. 1, 1971, by: Edward R. Sanders, Alaska Carriers Association, Inc., 3443 Minnesota Drive, Anchorage, AK 99503 (Attorney-In-Fact), Julian C. Rice, Attorney, Suite A, Teamsters Building, 330 Wendell Street, Fairbanks, AK 99701.

The amendments involve: Changes in the bylaws of the Association which would (1) revise the ratemaking function authorizing standing rate committees to appoint subcommittees within any

regional area to initially process proposals and make recommendations to the committee; and (2) modify provisions governing the business affairs of the Association so as to (a) increase the maximum indebtedness or liability of the Association to \$200,000 in lieu of \$20,000, (b) restrict the voting rights of the associate member class to election of officers of their conference, (c) permit mail vote amendment of bylaws or articles of incorporation in cases of urgency, in lieu of an emergency situation, (d) increase the number of directors at large, based on equipment registered, (e) establish the office of second vice president, and (f) make incidental changes made necessary by the foregoing changes.

The complete amended application may be inspected at the Office of the Commission in Washington, D.C.

Any interested person desiring to protest and participate in this proceeding shall notify the Commission in writing within 20 days from the date of publication of this notice in the FEDERAL REGISTER. As provided by the general rules of practice of the Commission, persons other than applicants should fully disclose their interest, and the position they intend to take with respect to the application. Otherwise, the Commission, in its discretion, may proceed to investigate and determine the matters involved without public hearing.

By the Commission.

[SEAL] ROBERT L. OSWALD,  
Secretary.  
[FR Doc.72-6730 Filed 5-2-72; 8:48 am]

[Sec. 5a Application 108]

### MOTOR CARRIERS TARIFF BUREAU, INC.

#### Application for Approval of Amendment to Agreement (5)

APRIL 6, 1972.

The Commission is in receipt of the above-entitled and numbered application for approval of an agreement under the provisions of section 5a of the Interstate Commerce Act.

Filed March 20, 1972 by: L. Agnew Myers, Jr., Suite 1122, Warner Building, Washington, D.C. 20004.

Agreement involves: Organization and procedures between and among motor common carrier members of the Motor Carriers Tariff Bureau, Inc., relating to the joint initiation, consideration and establishment of rates, rules, regulations, classifications and practices applicable to the transportation of property between points in the States of Connecticut, Delaware, District of Columbia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, and Wisconsin.



The complete application may be inspected at the Office of the Commission in Washington, D.C.

Any interested person desiring to protest and participate in this proceeding shall notify the Commission in writing within 20 days from the date of publication of this notice in the *FEDERAL REGISTER*. As provided by the general rules of practice of the Commission, persons other than applicants should fully disclose their interest, and the position they intend to take with respect to the application. Otherwise, the Commission, in its discretion, may proceed to investigate and determine the matters involved without public hearing.

By the Commission.

[SEAL] ROBERT L. OSWALD,  
Secretary.  
[FR Doc.72-6731 Filed 5-2-72;8:48 am]

[Sec. 5a Application 60, Amdt. 4]

## ROCKY MOUNTAIN MOTOR TARIFF BUREAU INC.

### Application for Approval of Amendments to Agreement

At a session of the Interstate Commerce Commission, Review Board Number 4, held at its office in Washington, D.C., on the 6th day of April 1972.

It appearing, that the Commission, Division 2, in its report of January 6, 1958, 302 I.C.C. 569, considered the agreement filed in the above-entitled proceeding under section 5a of the Interstate Commerce Act, and that upon submittal of a revised agreement by applicants in conformity with the conclusions expressed in said report, an order was entered May 2, 1958, approving the revised agreement, and that further amendments to the said agreement were approved July 7, 1961, August 19, 1965, and May 1, 1968;

It further appearing, that the parties to the amended agreement approved herein filed an application on November 14, 1969, under the provisions of section 5a of the act, seeking approval of further proposed amendments to the said agreement, as set forth in detail therein, so as to (1) broaden the collective ratemaking function and tariff publication of member motor common carriers to cover the publication of rates and charges on general commodities between points in Alaska, Idaho (Northern), Oregon, Washington, and Canada (Alberta and British Columbia), on the one hand, and, on the other, points in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, and Utah, presently published in tariffs issued by Pacific Inland Tariff Bureau, Inc., (2) establish a new Rate Committee, the Pacific-Northwest Rate Committee, with jurisdiction of the rates and charges within the territorial and commodity coverage of those bureau tariffs numbered MF-I.C.C. Nos. 66, 67, 68, 108, 116, and 125 (Pacific Inland Tariff Bureau, Inc., Agent, series), and successive reissues thereof; (3)

establish a separate Rules Committee with territorial jurisdiction over rules and charges for terminal and other services, (4) revise the number, scope, composition and quorum of existing rate and quotation committees, (5) delete references to "regulatory authority of a State" and substitute therefore "other regulatory body," (6) provide for consideration of joint rates with nonmotor carriers in lieu of only with rail carriers, and (7) make other incidental changes made necessary by the foregoing changes;

And it further appearing, that the applicants have served copies of the said application upon all parties to the proceeding, that public notice of the nature of the amendments was issued and published in the *FEDERAL REGISTER* and that no objections thereto have been filed.

Wherefore, and good cause appearing therefore:

We find, that approval of the amendments herein is not prohibited by paragraph (4), (5), or (6) of section 5a of the Interstate Commerce Act, and that by reason of the furtherance of the national transportation policy the relief provided in paragraph (9) of section 5a of the act should apply with respect to the making and carrying out of the agreement as so further amended; therefore:

*It is ordered*, That the amendments to the said agreement as specified in the application filed November 14, 1969, be, and they are hereby, approved; and that this order shall become effective on, and remain in force on and after 35 days from the service date of this order, subject to such terms and conditions or regulations as may hereafter be prescribed.

*And it is further ordered*, That the applicants hereto, within 3 months from the date of service of this order furnish the Commission with (3) copies of the revised agreement, including the amendments approved herein, to which is appended a verified current list of the signatory carrier parties to the said agreement, for the purpose of providing the Commission with a single document containing the agreement with all revisions and carrier parties thereto.

By the Commission, Review Board Number 4.

[SEAL] ROBERT L. OSWALD,  
Secretary.  
[FR Doc.72-6732 Filed 5-2-72;8:48 am]

[No. 35576]

## WATER CARRIERS TO AND FROM ALASKA AND HAWAII

### Petition for Declaratory Order Regarding Jurisdiction Over Section 5a Agreements

APRIL 6, 1972.

Notice is hereby given that on February 10, 1972, Lillick, McHose, Wheat, Adams & Charles, attorneys for unidentified domestic ocean water carriers not

certificated under the Interstate Commerce Act, filed a petition requesting a declaratory order of the Commission, pursuant to section 554(e) of the Administrative Procedure Act (5 U.S.C. section 554(e)), section 204(a)(6) of the Interstate Commerce Act (49 U.S.C. section 304(a)(6)), and rule 102 of the Commission's general rules of practice (49 CFR 1100.102), to remove uncertainty as to whether section 5a of the Interstate Commerce Act (49 U.S.C. section 5b), confers jurisdiction on this Commission to accept for filing and approve ratemaking agreement solely between and among such ocean water carrier class engaged in performing transportation service under joint rates with rail and motor carriers between Alaska or Hawaii and points in continental United States.

In support of the petition, petitioner alleges that it is uncertain whether such water carriers come within the definition of "carrier" as set forth in subparagraph (A) of section 5a(1) of the act. Petitioner claims that, while the provisions of subparagraph (A) may be interpreted as embracing only those carriers certificated by this Commission, such provision might be considered to embrace also those water carriers since they have subjected themselves to the jurisdiction of this Commission by filing with it joint water-rail and water-motor rates. It is urged that there appears to be no logical distinction between agreements among offshore domestic water carriers and land carriers and those solely among ocean carriers, so long as such agreements involve rates regulated by this Commission. Petitioner states that it has been unable to find any legislative history regarding the matter presented, that it is unlikely that there is any since section 5a of the act was enacted before the question arose, and that, to petitioner's knowledge, there is no direct precedent in the decisions of the Commission or the court that would clarify the alleged uncertainty.

The petitioner states that if the Commission has no jurisdiction to approve an agreement among ocean carriers, the making of such an agreement for filing would be futile and would be detrimental to those carriers' interests and to the trade in general, and might stimulate unnecessary protests, litigation, and notoriety.

General public notification of the filing of the petition will be given by depositing a copy of this notice in the Office of the Secretary of the Commission at Washington, D.C., and by filing a copy with the Director, Office of the Federal Register, for publication therein. Copies of any future notices, orders, etc., herein will be served only on petitioner and those responding to this notice.

Any person interested in the matter which is the subject of the petition and desiring to participate in the proceeding may, on or before 30 days from the date of publication of this notice in the *FEDERAL REGISTER*, file a statement indicating merely whether they support or oppose the determination sought. An original and two copies of such statement



must be filed with the Office of Proceedings of this Commission (Room 5334), and must show service of two copies thereof upon Edward D. Ransom of Lillick, McHose, Wheat, Adams & Charles, 311 California Street, San Francisco, CA

94104. Thereafter, the nature of further proceedings herein, if any, will be designated.

Written material or suggestions submitted will be available for public inspection at the offices of the Interstate

Commerce Commission, 12th and Constitution Avenue, NW., Washington, DC, during regular business hours.

[SEAL] ROBERT L. OSWALD,  
Secretary.

[FR Doc.72-6733 Filed 5-2-72;8:48 am]

### CUMULATIVE LIST OF PARTS AFFECTED—MAY

The following numerical guide is a list of parts of each title of the Code of Federal Regulations affected by documents published to date during May.

3 CFR	Page	12 CFR	Page	33 CFR	Page
PROCLAMATION:		528	8865	117	8950
4126	8857	PROPOSED RULES:			
4127	8937	330	8888	41 CFR	
		721	8952	5A-2	8874
5 CFR				5A-72	8875
213	8939	13 CFR		5A-73	8875
		107	8865	60-7	8950
6 CFR				101-26	8875
101	8939	14 CFR		101-32 (2 documents)	8875, 8879
300	8941	39	8866	101-43	8881
PROPOSED RULES:		71	8944	101-46	8881
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7 CFR		208	8947	PROPOSED RULES:	
68	8859	214	8948	57	8885
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PROPOSED RULES:		601	8871		
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71	8864	688	8873	PROPOSED RULES:	
76	8864	690	8873	Ch. X	8952
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		PROPOSED RULES:			
		271	8994		

### LIST OF FEDERAL REGISTER PAGES AND DATES—MAY

Pages	Date
8853-8929	May 2
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# federal register

WEDNESDAY, MAY 3, 1972  
WASHINGTON, D.C.

Volume 37 ■ Number 86

PART II



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## DEPARTMENT OF TRANSPORTATION



Federal Aviation  
Administration



Advisory Circular Checklist  
and  
Status of Federal  
Aviation Regulations



# DEPARTMENT OF TRANSPORTATION

## Federal Aviation Administration

[AC 00-2U—Effective March 15, 1972]

### ADVISORY CIRCULAR CHECKLIST AND STATUS OF FEDERAL AVIA- TION REGULATIONS

1. *Purpose.* This notice contains the revised checklist of current FAA advisory circulars and the status of Federal Aviation Regulations as of March 15, 1972.

2. *Explanation.* The FAA issues advisory circulars to inform the aviation public in a systematic way of nonregulatory material of interest. Unless incorporated into a regulation by reference, the contents of an advisory circular are not binding on the public. Advisory circulars are issued in a numbered-subject system corresponding to the subject areas in the recodified Federal Aviation Regulations (14 CFR Ch. I). This checklist is issued triannually listing all current circulars and now includes information concerning the status of the Federal Aviation Regulations.

#### 3. The Circular Numbering System.

a. *General.* The advisory circular numbers relate to the subchapter titles and correspond to the Parts, and when appropriate, the specific sections of the Federal Aviation Regulations. Circulars of a general nature bear a number corresponding to the number of the general subject (subchapter) in the FAR's.

b. *Subject numbers.* The general subject matter areas and related numbers are as follows:

#### Subject Number and Subject Matter

00	General.
10	Procedural.
20	Aircraft.
60	Airmen.
70	Airspace.
90	Air Traffic Control and General Operations.
120	Air Carrier and Commercial Operators and Helicopters.
140	Schools and Other Certified Agencies.
150	Airports.
170	Air Navigational Facilities.
180	Administrative.
210	Flight Information.

c. *Breakdown of subject numbers.* When the volume of circulars in a general series warrants a subsubject breakdown, the general number is followed by a slash and a subsubject number. Material in the 150, Airports, series is issued under the following subsubjects:

#### Number and Subject

150/1900	Defense Readiness Program.
150/4000	Resource Management.
150/5000	Airport Planning.
150/5100	Federal-aid Airport Program.
150/5150	Surplus Airport Property Conveyance Programs.
150/5190	Airport Compliance Program.
150/5200	Airport Safety—General.
150/5210	Airport Safety Operations (Recommended Training, Standards, Manning).

150/5220	Airport Safety Equipment and Facilities.
150/5230	Airport Ground Safety System.
150/5240	Civil Airports Emergency Preparedness.
150/5300	Design, Construction, and Maintenance—General.
150/5320	Airport Design.
150/5325	Influence of Aircraft Performance on Aircraft Design.
150/5335	Runway, Taxiway, and Apron Characteristics.
150/5340	Airport Visual Aids.
150/5345	Airport Lighting Equipment.
150/5360	Airport Buildings.
150/5370	Airport Construction.
150/5380	Airport Maintenance.
150/5390	Heliports.

d. *Individual circular identification numbers.* Each circular has a subject number followed by a dash and a sequential number identifying the individual circular. This sequential number is not used again in the same subject series. Revised circulars have a letter A, B, C, etc., after the sequential number to show complete revisions. Changes to circulars have CH 1, CH 2, CH 3, etc., after the identification number on pages that have been changed. The date on a revised page is changed to the effective date of the change.

#### 4. The Advisory Circular Checklist.

a. *General.* Each circular issued is listed numerically within its subject-number breakdown. The identification number (AC 120-1), the change number of the latest change, if any, to the right of the identification number, the title, and the effective date for each circular are shown. A brief explanation of the contents is given for each listing.

b. *Omitted numbers.* In some series sequential numbers omitted are missing numbers, e.g., 00-8 through 00-11 have not been used although 00-7 and 00-12 have been used. These numbers are assigned to advisory circulars still in preparation which will be issued later or were assigned to advisory circulars that have been canceled.

c. *Free and sales circulars.* This checklist contains advisory circulars that are for sale as well as those distributed free of charge by the Federal Aviation Administration. Please use care when ordering circulars to ensure that they are ordered from the proper source.

d. *Internal directives for sale.* A list of certain internal directives sold by the Superintendent of Documents is shown at the end of the checklist. These documents are not identified by advisory circular numbers, but have their own directive numbers.

#### 5. How to get circulars.

a. When a price is listed after the description of a circular, it means that this circular is for sale by the Superintendent of Documents. When (Sub.) is included with the price, the advisory circular is available on a subscription basis only. After your subscription has been entered by the Superintendent of Documents, supplements or changes to the basic document will be provided automatically at no additional charge until the subscription expires. When no price

is given, the circular is distributed free of charge by FAA.

b. Request free advisory circulars shown without an indicated price from:

Department of Transportation, Distribution Unit, TAD 484.3, Washington, D.C. 20590.

NOTE: Persons who want to be placed on FAA's mailing list for future circulars should write to the above address. Be sure to identify the subject matter desired by the subject numbers and titles shown in paragraph 3b because separate mailing lists are maintained for each advisory circular subject series. Checklists and circulars issued in the general series will be distributed to every addressee on each of the subject series lists. Persons requesting more than one subject classification may receive more than one copy of related circulars and this checklist because they will be included on more than one mailing list. Persons already on the distribution list for AC's and changes to FAR's will automatically receive related circulars.

c. Order advisory circulars and internal directives with purchase price given from:

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402;

or from any of the following bookstores located throughout the United States:

GPO Bookstore, Federal Building, Room 1023, 450 Golden Gate Avenue, San Francisco, CA 94102.

GPO Bookstore, Federal Office Building, Room 1463, 14th Floor, 219 South Dearborn Street, Chicago, IL 60604.

GPO Bookstore, Federal Building, 300 North Los Angeles Street, Los Angeles, CA 90012.

GPO Bookstore, Federal Building, Room 135, 601 East 12th Street, Kansas City, MO 64106.

GPO Bookstore, Room G25, John F. Kennedy Federal Building, Sudbury Street, Boston, MA 02203.

GPO Bookstore, Room 110, 26 Federal Plaza, New York, NY 10007.

GPO Bookstore, Federal Building, U.S. Courthouse, Room 1421, 1961 Stout Street, Denver, CO 80202.

GPO Bookstore, Room 1C46, Federal Building, U.S. Courthouse, 1100 Commerce Street, Dallas, TX 75202.

GPO Bookstore, Room 100, Federal Building, 275 Peachtree Street NE., Atlanta, GA 30303.

Send check or money order with your order to the Superintendent of Documents. Make the check or money order payable to the Superintendent of Documents in the amounts indicated in the list. Order for mailing to foreign countries should include an additional amount of 25 percent of the total price to cover postage. No c.o.d. orders are accepted.

6. *Reproduction of Advisory Circulars.* Advisory circulars may be reproduced in their entirety or in part without permission from the Federal Aviation Administration.

7. *Cancellations.* The following advisory circulars are canceled:

AC 00-2T *Advisory Circular Checklist, 10-29-71.* Canceled by AC 00-2U, *Advisory Circular Checklist, 3-15-72.*

AC 20-6P *U.S. Civil Aircraft Register, 1-1-71.* Canceled by AC 20-6Q, *U.S. Civil Aircraft Register, 7-1-71.*



AC 20-15A Qualification of Type Certificated Engines and Propellers for Aircraft Installations, 3-24-66. Canceled.

AC 20-29A Use of Anti-icing Additive PFA-55MB, 6-19-67. Canceled by AC 20-29B, Use of Aircraft Fuel Anti-icing Additives, 1-18-72.

AC 61-27A Instrument Flying Handbook, 4-30-68. Canceled by AC 61-27B, Instrument Flying Handbook, 9-22-70.

AC 65-11 Airframe and Powerplant Mechanics Certification Information, 5-22-70. Canceled by AC 65-11A, Airframe and Powerplant Mechanics Certification Information, 4-21-71.

AC 70/7460-1 Obstruction Marking and Lighting, 2-29-68. Canceled by AC 70/7460-1A, Obstruction Marking and Lighting, 1-1-72.

AC 90-35 Frequency Discipline, 5-17-68. Canceled.

AC 90-39 Identification of Civil Aircraft in Radio Communications, 8-5-68. Canceled.

AC 90-43B Operations Reservations for High-Density Traffic Airports, 1-20-71. Canceled by AC 90-43C, Operations Reservations for High-Density Traffic Airports, 11-14-71.

AC 90-49 The Airman's Information Manual, 7-31-70. Canceled.

AC 90-56 FAA Symposium on Area Navigation, 9-28-71. Canceled.

AC 90-57 FAA Symposium on Area Navigation—Provisional Agenda Digest, 12-2-71. Canceled.

AC 91-14A Altimeter Setting Sources, 4-19-71. Canceled by AC 91-14B, Altimeter Setting Sources, 10-1-71.

AC 91-20 Inspection Schedule—for Beech Model B-99, 3-14-69. Canceled.

AC 91-22 Altitude Alerting Devices/Systems, 7-7-69. Canceled by AC 91-22A, Altitude Alerting Devices / Systems, 12-23-71.

AC 99-27-1 Flight Plan Tolerances for Air Defense Identification Zones, 9-30-63. Canceled.

AC 120-28 Concepts of Airborne Systems for Category IIIA Operations, 9-5-69. Canceled by AC 120-28A, Criteria for Approval of Category IIIA Landing Weather Minima, 12-14-71.

AC 140-1E Consolidated Listing of FAA Certificated Repair Stations, 12-9-70. Canceled by AC 140-1F, Consolidated Listing of FAA Certificated Repair Stations, 10-29-71.

AC 150/1930-1 Radiological Decontamination of Civil Airports, 8-19-66. Canceled by AC 5200-17, Emergency Plan, 2-5-72.

AC 150/5200-10 Airport Emergency Operations Planning, 6-26-68. Canceled by AC 150/5200-17, Emergency Plan, 2-5-72.

AC 150/5230-1 Suggestions for Airport Safety Self-Inspection, 3-30-64. Canceled by AC 150/5200-18, Airport Safety Self-Inspection, 2-5-72.

AC 150/5240-1A Airport Disaster Control Guide, 10-31-67. Canceled by AC 150/5200-17, Emergency Plan, 2-5-72.

AC 150/5300-2A Airport Design Standards—Site Requirements for Terminal Navigational Facilities, 10-8-69. Canceled by AC 150/5300-2B, Airport Design Standards—Site Requirements for Terminal Navigational Facilities, 11-22-71.

AC 150/5345-1B Approved Airport Lighting Equipment, 10-30-68. Canceled by AC 150/5345-1C, Approved Airport Lighting Equipment, 10-26-71.

AC 150/5345-10B Specification for L-828 Constant Current Regulator With Stepless Brightness Control, 4-8-68. Canceled by AC 150/5345-10C, Specification for L-828 Constant Current Regulators, 10-22-71.

AC 150/5345-43 FAA/DOD Specification L-856, High Intensity Obstruction Lighting System, 8-19-70. Canceled by AC 150/5345-43A, FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems, 11-19-71.

AC 150/5355-1 Diagrammatic Maps and Location Signs at Airports, 3-21-69. Canceled by AC 150/5355-1A, International Signs to Facilitate Passengers Using Airports, 11-3-71.

AC 170-7 Decommissioning of U.S. Middle Compass Locators, 10-29-65. Canceled.

AC 183-31 FAA Designated Parachute Rigger Examiner Directory, 12-14-70. Canceled by AC 183-31A, FAA Designated Parachute Rigger Examiner Directory, 1-17-72.

8. Additions. The following advisory circulars are added to the list:

AC 00-2U Advisory Circular Checklist (3-15-72).

AC 20-6Q U.S. Civil Aircraft Register (7-1-71).

AC 20-7H Supplement 4, General Aviation Inspection Aids (December 1971).

AC 20-7H Supplement 5, General Aviation Inspection Aids (January 1972).

AC 20-7H Supplement 6, General Aviation Inspection Aids (February 1972).

AC 20-7H Supplement 7, General Aviation Inspection Aids (March 1972).

AC 20-29B Use of Aircraft Fuel Anti-icing Additives (1-18-72).

AC 20-72 Restricted Category Helicopter Maximum Weight Increases (3-11-71).

AC 20-76 Maintenance Inspection Notes for Boeing B 707/720 Series Aircraft (10-21-71).

AC 43.13-2 Ch-11 Acceptable Methods, Techniques, and Practices—Aircraft Alterations (8-11-71).

AC 60-7 Statement of Additional Instruction for Retest (1-27-72).

AC 61-27B Instrument Flying Handbook (9-22-70).

AC 65-11A Airframe and Powerplant Mechanics Certification Information (4-21-71).

AC 65-12 Airframe and Powerplant Mechanics Powerplant Handbook (9-25-70).

AC 70/7460-1A Obstruction Marking and Lighting (1-1-72).

AC 90-43C Operations Reservations for High-Density Traffic Airports (11-14-71).

AC 91-14B Altimeter Setting Sources (10-1-71).

AC 91-22A Altitude Alerting Devices/Systems (12-23-71).

AC 91-33 Use of Alternate Grades of Aviation Gasoline for Grade 80/87 (10-6-71).

AC 99-1 Security Control of Air Traffic (1-12-72).

AC 120-28A Criteria for Approval of Category IIIA Landing Weather Minima (12-14-71).

AC 120-29 Ch-1 Criteria for Approving Category I and Category II Landing Minima for FAR 121 Operators (12-15-71).

AC 121-1 Ch-24 Standard Maintenance Specifications Handbook (8-27-71).

AC 121-1 Ch-25 Standard Maintenance Specifications Handbook (12-15-71).

AC 121-1 Ch-26 Standard Maintenance Specifications Handbook (12-28-71).

AC 140-1F Consolidated Listing of FAA Certificated Repair Stations (10-29-71).

AC 150/5200-17 Emergency Plan (2-5-72).

AC 150/5200-18 Airport Safety Self-Inspection (2-5-72).

AC 150/5200-19 Availability of Report No. FAA-RD-71-20 "An Analysis of Airport Snow Removal and Ice Control" dated March 1971 (11-23-71).

AC 150/5300-2B Airport Design Standards—Site Requirements for Terminal Navigational Facilities (11-22-71).

AC 150/5345-1C Approved Airport Lighting Equipment (10-26-71).

AC 150/5345-10C Specification for L-828 Constant Current Regulators (10-22-71).

AC 150/5345-43A FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems (11-19-71).

AC 150/5355-1A International Signs to Facilitate Passengers Using Airports (11-3-71).

AC 183-31A FAA Designated Parachute Rigger Examiner Directory (1-17-72).

## ADVISORY CIRCULAR CHECKLIST

### NOTICE

Superintendent of Documents catalogue numbers have been included to aid Superintendent of Documents personnel in processing orders. Please use them when ordering—along with the title and FAA number. To avoid unnecessary delays, do not order single-sales material and subscription-sales material on the same order form, as orders are separated for processing by different departments when they arrive at Superintendent of Documents.

### General

#### SUBJECT No. 00

00-1 The Advisory Circular System (12-4-62).

Describes the FAA Advisory Circular System.

00-2U Advisory Circular Checklist (3-15-72).

Transmits the revised checklist of current FAA advisory circulars and the status of the Federal Aviation Regulations as of 3-15-72.

00-6 Aviation Weather (5-20-65).

Provides an up-to-date and expanded text for pilots and other flight operations personnel whose interest in meteorology is primarily in its application to flying. Reprinted 1969. (\$4 GPO.) FAA 5.8/2: W 37.

00-7 State and Regional Defense Airlift Planning (4-30-64).

Provides guidance for the development of plans by the FAA and other Federal and State agencies for the use of non-air-carrier aircraft during an emergency.

00-7 CH 1 State and Regional Defense Airlift Planning (1-5-65).

Provides an example of a State Plan for the Emergency Management of Resources in Appendix 4, and adds new Appendix 9.

00-7 CH 2 State and Regional Defense Airlift Planning (2-20-67).

Revises Appendix 6, SCATANA.

00-14 Flights by U.S. Pilots Into and Within Canada (4-16-65).

Provides information concerning flights into and within Canada.

00-15 Potential Hazard Associated With Passengers Carrying "Anti-Mugger" Spray Devices (8-20-65).

Advises aircraft operators, crewmembers, and others who are responsible for flight safety, of a possible hazard to flight should a passenger inadvertently or otherwise discharge a device commonly known as an "anti-mugger" spray device in the cabin of an aircraft.



**00-17 Turbulence in Clear Air (12-16-65).**

Provides information on atmospheric turbulence and wind shear, emphasizing important points pertaining to the common causes of turbulence, the hazards associated with it, and the conditions under which it is most likely to be encountered.

**00-21 Shoulder Harness (10-5-66).**

Provides information concerning the installation and use of shoulder harnesses by pilots in general aviation aircraft.

**00-23B Near Midair Collision Reporting (12-4-69).**

Advises that the FAA will continue through December 31, 1971, to handle reports of near midair collisions in accordance with the policy established January 1, 1968.

**00-24 Thunderstorms (6-12-68).**

Contains information concerning flights in or near thunderstorms.

**00-25 Forming and Operating a Flying Club (3-24-69).**

Provides preliminary information that will assist anyone or any group of people interested in forming and operating a flying club (\$0.35 GPO.) TD 4.8:F 67.

**00-26 Definitions of "U.S. National Aviation Standards" (1-22-69).**

Informs the aviation community of the approval by the FAA Administrator of a definition of U.S. National Aviation Standards, the need for such standards, and their relationship to the Federal Aviation Regulations.

**00-27 U.S. National Standard for the IFF Mark X (SIF) Air Traffic Control Radar Beacon System Characteristics (ATCRBS) (1-24-69).**

Informs the aviation community of the approval by the FAA Administrator of the U.S. National Aviation Standard for the ATCRBS.

**00-28 Communications Interference Caused by Sticking Microphone Buttons (8-6-69).**

Alerts the industry of communications interference from undesired radiofrequency transmissions.

**00-29 Airborne Automatic Altitude Reporting Systems (12-9-69).**

Provides information regarding the nature and extent of erroneous altitude reporting systems.

**00-30 Rules of Thumb for Avoiding or Minimizing Encounters with Clear Air Turbulence (3-5-70).**

Brings to the attention of pilots and other interested personnel, the "Rule of Thumb" for avoiding or minimizing encounters with clear air turbulence (CAT).

**00-31 U.S. National Aviation Standard for the VORTAC System (6-10-70).**

Informs the aviation community of the establishment and content of the U.S. National Aviation Standard for the VORTAC (VOR-TACAN-DME) System.

**00-32 Civil Air Patrol and State and Regional Defense Airlift Relationships (7-2-70).**

Advises interested persons of the Memorandum of Understanding between CAP and FAA, and provides additional guidance to further improve the use of non-air carrier aircraft in time of national emergency.

**00-33 Nickel-Cadmium Battery Operational, Maintenance, and Overhaul Practices (8-26-71).**

Provides guidelines for more reliable nickel-cadmium battery operation through sound operational and maintenance practices.

**Procedural****SUBJECT NO. 10****11-1 Airspace Rule-Making Proposals and Changes to Air Traffic Control Procedures (10-28-54).**

Emphasizes the need for the early submission of proposals involving airspace rule-making activity or changes to existing procedures for the control of air traffic.

**Aircraft****SUBJECT NO. 20****20-3B Status and Availability of Military Handbooks and ANC Bulletins for Aircraft (5-12-69).**

Announces the status and availability of Military Handbooks and ANC Bulletins prepared jointly with FAA.

**20-5B Plane Sense (1970).**

Provides general aviation information for the private aircraft owner.

**20-6Q U.S. Civil Aircraft Register (7-1-71).**

Lists all active U.S. civil aircraft by registration number. (\$11.75 GPO.) TD 4.18/2:970.

**20-7H General Aviation Inspection Aids, Summary (August 1971).**

Provides the aviation community with a uniform means for interchanging service experience that may improve the durability and safety of aeronautical products. Of value to mechanics, operators of repair stations, and others engaged in the inspection, maintenance, and operation of aircraft in general. (\$3, \$3.75 foreign—Sub. GPO.) TD 4.409:9710.

**20-7H Supplement 1 (September 1971).****20-7H Supplement 2 (October 1971).****20-7H Supplement 3 (November 1971).****20-7H Supplement 4 (December 1971).****20-7H Supplement 5 (January 1972).****20-7H Supplement 6 (February 1972).****20-7H Supplement 7 (March 1972).****20-9 Personal Aircraft Inspection Handbook (12-2-64).**

Provides a general guide, in simple, nontechnical language, for the inspection of aircraft. Reprinted 1967. (\$1 GPO.) FAA 5.8/2:AI 7/2.

**20-10 Approved Airplane Flight Manuals for Transport Category Airplanes (7-30-63).**

Calls attention to the regulatory requirements relating to FAA Approved Airplane Flight Manuals.

**20-13A Surface-Effect Vehicles (8-28-64).**

States FAA policy on surface-effect vehicles (vehicles supported by a cushion of compressed air).

**20-17 Surplus Military Aircraft (1-6-64).**

Informs how to obtain copies of regulations required for certification of surplus military aircraft.

**20-18A Qualification Testing of Turbojet Engine Thrust Reversers (3-16-66).**

Discusses the requirements for the qualification of thrust reversers and sets forth an acceptable means of compliance with the tests prescribed in Federal Aviation Regulations, Part 33, when run under nonstandard ambient air conditions.

**20-20A Flammability of Jet Fuels (4-9-65).**

Gives information on the possibility of combustion of fuel in aircraft fuel tanks.

**20-23D Interchange of Service Experience—Mechanical Difficulties (2-12-71).**

Provides information on the voluntary exchange service experience data used in improving durability and safety of aeronautical products.

**X20-24A Qualification of Fuels, Lubricants, and Additives (4-1-67).**

Establishes procedures for the approval of the use of subject materials in certificated aircraft.

**20-25A Identification of Technical Standard Order (TSO) Safety Belts (3-14-69).**

Describes the markings which indicate that a safety belt has been manufactured under the FAA TSO system and approved for use in certificated aircraft.

**20-27A Certification and Operation of Amateur-Built Aircraft (8-12-68).**

Provides information and guidance material for amateur aircraft builders.

**20-28 Nationally Advertised Aircraft Construction Kits (8-7-64).**

Explains that using certain kits could render the aircraft ineligible for the issuance of an experimental certificate as an amateur-built aircraft.

**20-29B Use of Aircraft Fuel Anti-icing Additives (1-18-72).**

Provides information on the use of anti-icing additives PFA-55MB and Mil-I-27686 as an acceptable means of compliance with the FARs that require assurance of continuous fuel flow under conditions where ice may occur in turbine aircraft fuel systems.



**20-30A Airplane Position Lights and Supplementary Lights (4-18-68).**

Provides an acceptable means for complying with the position light requirements for airplane airworthiness and acceptable criteria for the installation of supplementary lights on airplanes.

**20-32A Carbon Monoxide (CO) Contamination in Aircraft—Detection and Prevention (9-13-68).**

Informs aircraft owners, operators, maintenance personnel, and pilots of the potential dangers of carbon monoxide contamination and discusses means of detection and procedures to follow when contamination is suspected.

**20-33 Technical Information Regarding Civil Aeronautics Manuals 1, 3, 4a, 4b, 5, 6, 7, 8, 9, 10, 13, and 14 (2-8-65).**

Advises the public that policy information contained in the subject Civil Aeronautics Manuals may be used in conjunction with specific sections of the Federal Aviation Regulations.

**20-34A Prevention of Retractable Landing Gear Failures (4-21-69).**

Provides information and suggested procedures to minimize landing accidents involving aircraft having retractable landing gear.

**20-35B Tie-Down Sense (4-19-71).**

Provides information of general use on aircraft tie-down techniques and procedures.

**20-36A Index of Materials, Parts, and Appliances Certified Under the Technical Standard Order System—March 1, 1966 (4-8-66).**

Lists the materials, parts, and appliances for which the Administrator has received statements of conformance under the Technical Standard Order system as of March 1, 1966. Such products are deemed to have met the requirements for FAA approval as provided in Part 37 of the Federal Aviation Regulations.

**20-37A Aircraft Metal Propeller Blade Failure (4-4-69).**

Provides information and suggested procedures to increase service life and to minimize blade failures of metal propellers.

**20-38A Measurement of Cabin Interior Emergency Illumination in Transport Airplanes (2-8-66).**

Outlines acceptable methods, but not the only methods, for measuring the cabin interior emergency illumination on transport airplanes, and provides information as to suitable measuring instruments.

**20-39 Installation Approval of Entertainment Type Television Equipment in Aircraft (7-15-65).**

Presents an acceptable method (but not the only method) by which compliance may be shown with Federal Aviation Regulations 23.1431, FAR 25.1309(b), FAR 27.1309(b), or FAR 29.1309(b), as applicable.

**20-40 Placards for Battery-Excited Alternators Installed in Light Aircraft (8-11-65).**

Sets forth an acceptable means of complying with placarding rules in Federal Aviation Regulations 23 and 27 with respect to battery-excited alternator installations.

**20-41 Replacement TSO Radio Equipment in Transport Aircraft (8-30-65).**

Sets forth an acceptable means for complying with rules governing transport category aircraft installations in cases involving the substitution of technical standard order radio equipment for functionally similar radio equipment.

**20-42 Hand Fire Extinguishers in Transport Category Airplanes and Rotorcraft (9-1-65).**

Sets forth acceptable means (but not the sole means) of compliance with certain hand fire extinguisher regulations in FAR 25 and FAR 29, and provides related general information.

**20-43B Aircraft Fuel Control (6-8-71).**

Alerts the aviation community to the potential hazards of inadvertent mixing or contamination of turbine and piston fuels, and provides recommended fuel control and servicing procedures.

**20-44 Glass Fiber Fabric for Aircraft Covering (9-3-65).**

Provides a means, but not the sole means, for acceptance of glass fiber fabric for external covering of aircraft structure.

**20-45 Safetizing of Turnbuckles on Civil Aircraft (9-17-65).**

Provides information on turnbuckle safetizing methods that have been found acceptable by the FAA during past aircraft type certification programs.

**20-46 Suggested Equipment for Gliders Operating Under IFR (9-23-65).**

Provides guidance to glider operators on how to equip their gliders for operation under instrument flight rules (IFR), including flight through clouds.

**20-47 Exterior Colored Band Around Exits on Transport Airplanes (2-8-66).**

Sets forth an acceptable means, but not the only means, of complying with the requirement for a 2-inch colored band outlining exits required to be openable from the outside on transport airplanes.

**20-48 Practice Guide for Decontaminating Aircraft (5-5-66).**

The title is self-explanatory.

**20-49 Analysis of Bird Strike Reports on Transport Category Airplanes (7-27-66).**

Provides the results of a statistical study on the frequency of collisions of birds with transport aircraft and the resulting damages.

**20-50 Ultrasonic Nondestructive Testing (11-9-66).**

Provides FAA personnel and the general aviation public with some of the theory and processes of ultrasonic testing which will assist them in the more advanced uses of this system for the inspection of aircraft and aircraft components during manufacture or maintenance. (\$0.70 GPO.) TD 4.8:U1 8.

**20-51 Procedures for Obtaining FAA Approval of Major Alterations to Type Certificated Products (4-12-67).**

Provides assistance to persons who desire to obtain FAA approval of major alterations to type certificated products.

**20-52 Maintenance Inspection Notes for Douglas DC-6/7 Series Aircraft (8-24-67).**

Describes maintenance inspection notes which can be used for the maintenance support of certain structural parts of DC-6/7 series aircraft.

**20-53 Protection of Aircraft Fuel System Against Lightning (10-6-67).**

Sets forth acceptable means, not the sole means, by which compliance may be shown with fuel system lightning protection airworthiness regulations.

**20-54 Hazards of Radium-Activated Luminous Compounds Used on Aircraft Instruments (10-24-67).**

Provides information concerning health hazards associated with the repair and maintenance of instruments containing luminous markings activated with radium-226 or radium-228 (mesothorium).

**20-55 Turbine Engine Overhaul Standard Practices Manual—Maintenance of Fluorescent Penetrant Inspection Equipment (1-22-68).**

Advises operators of the necessity for periodic checking of black light lamps and filters used during fluorescent penetrant inspection of engine parts.

**20-56 Marking of TSO-C72a Individual Flotation Devices (1-19-68).**

Outlines acceptable methods for marking individual flotation devices which also serve as seat cushions.

**20-57A Automatic Landing Systems (ALS) (1-12-71).**

Sets forth an acceptable means of compliance, but not the only means, for the installation approval of automatic landing systems in transport category aircraft which may be used initially in Category II operations. Approval of these aircraft for use under such conditions will permit the accumulation of data for systems which may be approved for Category IIIa in the future.

**20-58A Acceptable Means of Testing Automatic Altitude Reporting Equipment for Compliance With FAR 91.36(b) (4-28-69).**

Title is self-explanatory.



**20-59 Maintenance Inspection Notes for Convair 240, 340/440, 240T, and 340T Series Aircraft (2-19-68).**

Describes maintenance inspection notes which can be used for the maintenance support of certain structural parts of Convair 240, 340/440, 240T, and 340T series aircraft.

**20-60 Accessibility to Excess Emergency Exits (7-18-68).**

Sets forth acceptable means of compliance with the "readily accessible" provisions in the Federal Aviation Regulations dealing with excess emergency exits.

**20-61 Nondestructive Testing for Aircraft (May 1969).**

Reviews the basic principles underlying nondestructive testing. (\$0.45 GPO.)

**20-62A Eligibility, Quality, and Identification of Approved Aeronautical Replacement Parts (6-16-70).**

Provides information relative to the determination of the eligibility of aeronautical parts and materials for installation on certificated aircraft.

**20-63 Airborne Automatic Direction Finder Installations (Low and Medium Frequency) (7-7-69).**

Sets forth one means, but not the only means, of demonstrating compliance with the airworthiness rules governing the functioning of airborne automatic direction finders. It does not pertain to installations previously approved.

**20-64 Maintenance Inspection Notes for Lockheed L-188 Series Aircraft (8-1-69).**

Describes maintenance inspection notes which can be used for the maintenance support of certain structural parts of Lockheed L-188 series aircraft.

**20-65 U.S. Airworthiness Certificates and Authorizations for Operation of Domestic and Foreign Aircraft (8-11-69).**

Provides general information and guidance concerning issuance of airworthiness certificates for U.S. registered aircraft, and issuance of special flight authorizations for operation in the United States of foreign aircraft not having standard airworthiness certificates issued by the country of registry.

**20-66 Vibration Evaluation of Aircraft Propellers (1-29-70).**

Outlines acceptable means, but not the sole means, for showing compliance with the requirements of the FARs concerning propeller vibration.

**20-67 Airborne VHF Communication System Installations (3-6-70).**

Sets forth one means, but not the only means, of demonstrating compliance with the airworthiness rules governing the functioning of airborne VHF communication systems.

**20-68 Recommended Radiation Safety Precautions for Airborne Weather Radar (3-11-70).**

Sets forth recommended radiation safety precautions for ground operation of airborne weather radar.

**20-69 Conspicuity of Aircraft Instrument Malfunction Indicators (5-14-70).**

Provides design guidance information on methods of improving conspicuity of malfunction indication devices.

**20-71 Dual Locking Devices on Fasteners (12-8-70).**

Provides guidance and acceptable means, not the sole means, by which compliance may be shown with the requirements for dual locking devices on removable fasteners installed in rotocraft and transport category airplanes.

**20-72 Restricted Category Helicopter Maximum Weight Increases (3-11-71).**

Provides assistance to persons who desire to obtain FAA approval of overmaximum certificated takeoff weight condition for restricted category helicopter operations.

**20-73 Aircraft Ice Protection (4-21-71).**

Provides information relating to the substantiation of ice protection systems on aircraft.

**20-74 Aircraft Position and Anticollision Light Measurements (7-29-71).**

Contains useful information concerning measurements for intensity, covering and color of aircraft position and anticollision lights.

**20-76 Maintenance Inspection Notes for Boeing B-707/720 Series Aircraft (10-21-71).**

Provides maintenance inspection notes which can be used for the maintenance support program for certain structural parts of the B-707/720 series aircraft.

**21-1A Production Certificates (7-9-71).**

Provides information concerning Subpart G of Federal Aviation Regulations (FAR) Part 21, and sets forth acceptable means of compliance with its requirements.

**21-2B Export Airworthiness Approval Procedures (10-2-69).**

Announces the adoption of new regulations and provides guidance to the public regarding the issuance of export airworthiness approvals for aeronautical products to be exported from the United States.

**21-2B Ch. 1 (11-13-70).**

**21-2B Ch. 2 (2-8-71).**

**21-3 Basic Glider Criteria Handbook (1962).**

Provides individual glider designers, the glider industry, and glider operating organizations with guidance material that augments the glider airworthiness certification requirements of the Federal

Aviation Regulations. Reprinted 1969. (\$1 GPO.) FAA 5.8/2:G49/962.

**21-4B Special Flight Permits for Operation of Overweight Aircraft (7-30-69).**

Furnishes guidance concerning special flight permits necessary to operate an aircraft in excess of its usual maximum certificated takeoff weight.

**21-5B Summary of Supplemental Type Certificates (Announcement of Availability) (2-10-71).**

Announces the availability to the public of a new edition of the Summary of Supplemental Type Certificates (SSTC), dated January 1971.

**21-6 Production Under Type Certificate Only (5-26-67).**

Provides information concerning Subpart F of FAR Part 21, and sets forth examples, when necessary, of acceptable means of compliance with its requirements.

**21-7A Certification and Approval of Import Products (11-24-69).**

Provides guidance and information relative to U.S. certification and approval of import aircraft, aircraft engines and propellers that are manufactured in a foreign country with which the United States has an agreement for the acceptance of those products for export and import.

**21-8 Aircraft Airworthiness; Restricted Category: Certification of Aircraft With Uncertificated or Altered Engines or Propellers (5-21-69).**

Sets forth acceptable means of substantiating that uncertificated or altered engines and propellers have no unsafe features for type certification of aircraft in the restricted category.

**21-9 Manufacturers Reporting Failures, malfunctions, or Defects (12-30-70).**

Provides information to assist manufacturers of aeronautical products (aircraft, aircraft engines, propellers, appliances, and parts) in notifying the Federal Aviation Administration of certain failures, malfunctions, or defects, resulting from design or quality control problems, in the products which they manufacture.

**21-10 Flight Recorder Underwater Locating Device (5-20-71).**

Provides one acceptable means (not the only means) of showing compliance with the underwater locating device requirements of FAR 25.1459 and FAR 121.343.

**21.25-1 Use of Restricted Category Airplanes for Glider Towing (4-20-65).**

Announces that glider towing is now considered to be a special purpose for type and airworthiness certification in the restricted category.

**21.303-1 Replacement and Modification Parts (3-2-66).**

Provides information concerning section 21.303 of Federal Aviation Regulations, Part 21, and sets forth examples of



acceptable means of compliance with its requirements.

**23-1 Type Certification Spin Test Procedures (4-1-64).**

Sets forth an acceptable means by which compliance may be shown with the one-turn spinning requirement in Part 3 of the CAR's.

**23.1329-1 Automatic Pilot Systems Approval (Non-Transport) (12-23-65).**

Sets forth an acceptable means by which compliance with the automatic pilot installation requirements of FAR 23.1329 may be shown.

**25-2 Extrapolation of Takeoff and Landing Distance Data Over a Range of Altitude for Turbine-Powered Transport Aircraft (7-9-64).**

Sets forth acceptable means by which compliance may be shown with the requirements in CAR 4b and SR-422B.

**25-4 Inertial Navigation Systems (INS) (2-18-66).**

Sets forth an acceptable means for complying with rules governing the installation of inertial navigation systems in transport category aircraft.

**25-5 Installation Approval on Transport Category Airplanes of Cargo Unit Load Devices Approved as Meeting the Criteria in NAS 3610 (6-3-70).**

Sets forth an acceptable means, but not the sole means, of complying with the requirements of the Federal Aviation Regulations (FAR's) applicable to the installation on transport category airplanes of cargo unit load devices approved as meeting the criteria in NAS 3610.

**25.253-1 High-Speed Characteristics (11-24-65).**

Sets forth an acceptable means by which compliance may be shown with FAR 25.253 during certification flight tests.

**25.253-1 CH 1 (1-10-66).**

Provides amended information for the basic advisory circular.

**25.981-1A Guidelines for Substantiating Compliance With the Fuel Tank Temperature Requirements (1-20-71).**

Sets forth some general guidelines for substantiating compliance with fuel tank temperature airworthiness standards, section 25.981.

**25.1329-1A Automatic Pilot System Approval (7-8-68).**

Sets forth an acceptable means by which compliance with the automatic pilot installation requirements of FAR 25.1329 may be shown.

**25.1457-1A Cockpit Voice Recorder Installations (11-3-69).**

Sets forth one acceptable means of compliance with provisions of FAR 25.1457 (b), (e), and (f) pertaining to area microphones, cockpit voice recorder location, and erasure features.

**29-1 Approval Basis for Automatic Stabilization Equipment (ASE) Installations in Rotorcraft (12-26-63).**

Gives means for compliance with flight requirements in various CAR's.

**29-1 CH 1 (3-26-64).**

Transmits revised information about the time delay of automatic stabilization equipment.

**29.773-1 Pilot Compartment View (1-19-66).**

Sets forth acceptable means, not the sole means, by which compliance with FAR 29.773(a) (1), may be shown.

**33-1B Turbine-Engine Foreign Object Ingestion and Rotor Blade Containment Type Certification Procedures (4-22-70).**

Provides guidance and acceptable means, not the sole means, by which compliance may be shown with the design and construction requirements of Part 33 of the Federal Aviation Regulations.

**33-2 Aircraft Engine Type Certification Handbook (3-30-66).**

Contains guidance relating to type certification of aircraft engines which will constitute acceptable means, although not the sole means, of compliance with the Federal Aviation Regulations.

**33-2 CH 1 (9-13-67).**

Transmits revised material to the basic advisory circular.

**33-3 Turbine and Compressor Rotors Type Certification Substantiation Procedures (9-9-68).**

Sets forth guidance and acceptable means, not the sole means, by which compliance may be shown with the turbine and compressor rotor substantiation requirements in FAR Part 33.

**37-2 Test Procedures for Maximum Allowable Airspeed Indicators (12-9-68).**

Provides guidance concerning test procedures which may be used in showing compliance with the standards in FAR 37.145 (TSO-C46a).

**37-3 Radio Technical Commission for Aeronautics Document DO-138 (1-10-69).**

This circular announces RTCA Document DO-138 and discusses how it may be used in connection with technical standard order authorizations.

**39-1A Jig Fixtures; Replacement of Wing Attach Angles and Doublers on Douglas Model DC-3 Series Aircraft Airworthiness Directive 66-18-2 (3-5-70).**

Describes methods of determining that jig fixtures used in the replacement of the subject attached angles and doublers meet the requirements of Airworthiness Directive 66-18-2.

**39-6B Summary of Airworthiness Directives (5-20-70).**

Announces the availability of a new Summary of Airworthiness Directives dated January 1, 1970.

**43-1 Matching VHF Navigation Receiver Outputs With Display Indicators (8-2-65).**

Alerts industry to the possibility of mismatching outputs, both guidance and flag alarm, of certain VHF navigation receivers when used with some types of display indicators causing the receiver to fail without providing a flag alarm.

**43-2 Minimum Barometry for Calibration and Test of Atmospheric Pressure Instruments (9-10-65).**

Sets forth guidance material which may be used to determine the adequacy of barometers used in the calibration of aircraft static instruments and presents information concerning the general operation, calibration, and maintenance of such barometers.

**43.9-1B Instruction for Completion of FAA Form 337 (6-27-66).**

Provides instructions for completing revised FAA Form 337, Major Repair and Alteration (Airframe, Powerplant, Propeller or Appliance).

**43.13-1 Acceptable Methods, Techniques and Practices—Aircraft Inspection and Repair (5-16-66).**

Contains methods, techniques, and practices acceptable to the Administrator for inspection and repair to civil aircraft. Published in 1965. (\$3—Sub. GPO.) FAA 5.15:965.

Subscription now includes: Ch. 1 (5-1-67); Ch. 2 (8-9-67); Ch. 3 (1-24-68); Ch. 4 (1-29-68); Ch. 5 (9-20-68); Ch. 6 (5-1-69); Ch. 7 (6-12-69); Ch. 8 (6-11-70 and 10-22-70).

**43.13-2 Acceptable Methods, Techniques, and Practices—Aircraft Alterations (4-19-66).**

Contains methods, techniques, and practices acceptable to the Administrator in altering civil aircraft. Published in 1965. (\$2—Sub. GPO.) FAA 5.16:965.

Subscription now includes: Ch. 1 (1-12-67); Ch. 2 (5-26-67); Ch. 3 (6-26-67); Ch. 4 (9-12-67); Ch. 5 (11-9-67); Ch. 6 (4-12-68); Ch. 7 (5-12-69); Ch. 8 (10-29-69); Ch. 9 (10-19-70); Ch. 10 (1-20-71); Ch. 11 (8-11-71).

**43-202 Maintenance of Weather Radar Radomes (6-11-65).**

Provides guidance material useful to repair facilities in the maintenance of weather radar radomes.

**43-203A Altimeter and Static System Tests and Inspections (6-6-67).**

Specifies acceptable methods for testing altimeter and static system. Also, provides general information on test equipment used and precautions to be taken.

**47-1 Aircraft Registration Eligibility, Identification and Activity Report (2-25-70).**

Advises owners and operators of U.S. civil aircraft of recent regulatory changes that require the annual submission of current information related to aircraft registration eligibility, and requests similar submission of information related to identification and activity of



aircraft; and to call attention to the availability of the reporting form to be used in complying with this regulatory change.

### Airmen

#### SUBJECT NO. 60

#### 60-1 Know Your Aircraft (6-12-63).

Describes potential hazards associated with operation of unfamiliar aircraft and recommends good operating practices.

#### 60-2H Annual Aviation Mechanic Safety Awards Program (3-7-71).

Provides the details of the annual Aviation Mechanic Safety Awards Program.

#### 60-4 Pilot's Spatial Disorientation (2-9-65).

Acquaints pilots flying under visual flight rules with the hazards of disorientation caused by the loss of reference with the natural horizon.

#### 60-5 Advisory Information on Written Test Questions Missed (4-24-67).

Announces a new automated method of reporting written test results to airman applicants. The applicant will be provided information concerning the subject matter areas in which one or more questions were answered incorrectly on the test.

#### 60-6 FAA Approved Airplane Flight Manuals, Placards, Listings, Instrument Markings—Small Airplanes (12-13-68).

Alerts pilots to the regulatory requirements relating to the subject and provides information to aid pilots to comply with the provisions of FAR section 91.31.

#### 60-7 Statement of Additional Instruction for Retest (1-27-72).

Announces a new procedure for the use of a computer printed "Statement of Additional Instruction" on each Airman Written Test Report that has an unsatisfactory grade for any section. It explains the statement and strongly recommends its use.

#### 61-1C Aircraft Type Ratings (5-8-70).

Announces new designators adopted by the Federal Aviation Administration for aircraft type ratings issued with pilot certificates.

#### 61-2A Private Pilot (Airplane) Flight Training Guide (9-1-64).

Contains a complete private pilot flight training syllabus which consists of 30 lessons. Published in 1964. (\$1 GPO.) FAA 5.8/2:P 64/4/964.

#### 61-3B Flight Test Guide—Private Pilot—Airplane—Single Engine (4-2-68).

Assists the private pilot applicant in preparing for his certification flight test. Reprinted in 1969. (\$0.25 GPO.) TD 4.408:P 64/2.

#### 61-4C Multiengine Airplane Class or Type Rating—Flight Test Guide (2-1-71).

Assists the private pilot applicant in preparing for certification or rating flight tests. (\$0.25 GPO.) TD 4.408:M 91.

#### 61-5A Helicopter Pilot Written Test Guide—Private—Commercial (8-14-67).

Gives guidance to applicant preparing for the aeronautical knowledge requirements for a private or commercial pilot certificate with a helicopter rating.

#### 61-8B Instrument Rating (Airplane) Written Test Guide (4-24-69).

Outlines the scope of the written test and directs applicants to appropriate study materials. Details subject areas covered in the test and indicates areas of aviation knowledge in which instrument pilots must be well informed. (\$0.70 GPO.) TD 4.8:In 7/4.

#### 61-9 Pilot Transition Courses for Complex Single-Engine and Light Twin-Engine Airplanes (6-16-64).

Provides training syllabuses and check-out standards for pilots who seek to qualify on additional types of airplanes. Published in 1964. (\$0.15 GPO.) FAA 5.8/2:P 64/9.

#### 61-10 Private and Commercial Pilots Refresher Courses (9-1-64).

Provides a syllabus of ground instruction periods and training lessons. Reprinted in 1969. (\$0.25 GPO.) FAA 5.8/2:P 64/9.

#### 61-11A Airplane Flight Instructor Written Test Guide (9-5-67).

Provides information to prospective airplane flight instructors about certification requirements, application procedures, and reference study materials; a sample examination is presented with explanations of the correct answers. Reprinted in 1969. (\$0.70 GPO.) TD 4.408:In 7.

#### 61-12D Student Pilot Guide (7-16-70).

Serves as a guide for prospective student pilots and presents general procedures for obtaining student and private pilot certificates. (\$0.20 GPO.) TD 4.8:P 64/3/970.

#### 61-13 Basic Helicopter Handbook (1-20-66).

Provides detailed information to applicants preparing for private, commercial, and flight instructor pilot certificates with a helicopter rating about helicopter aerodynamics, performance, and flight maneuvers. It will also be useful to certificated helicopter flight instructors as an aid in training students. Published in 1965. (\$0.75 GPO.) FAA 5.8/2:H 36.

#### 61-14A Flight Instructor Practical Test Guide (10-23-69).

Provides assistance to the certificated pilot in preparing for the practical demonstration required for the issuance of the flight instructor certificate. Re-

printed in 1972. (\$0.15 GPO.) TD 4.408:In 7/4.

#### 61-16A Flight Instructor's Handbook (10-14-69).

Gives guidance and information to pilots preparing to apply for flight instructor certificates, and for use as a reference by flight instructors. (\$1.25 GPO.) TD 4.408:In 7/3.

#### 61-17A Flight Test Guide—Instrument Pilot Airplane (6-6-67).

Provides assistance for the instrument pilot applicant in preparing for his instrument rating flight test. Published in 1967. (\$0.15 GPO.) TD 4.408:In 7/2.

#### 61-18C Airline Transport Pilot (Airplane) Written Test Guide (4-19-71).

Reflects current operating procedures and techniques in a background setting appropriate for applicants preparing for the Airline Transport Pilot (Airplane) Written Test. (\$0.55 GPO.) TD 4.408:P 64/3.

#### 61-19 Safety Hazard Associated With Simulated Instrument Flights (12-4-64).

Emphasizes the need for care in the use of any device restricting visibility while conducting simulated instrument flights that may also restrict the view of the safety pilot.

#### 61-21 Flight Training Handbook (1-11-66).

Provides information and direction in the introduction and performance of training maneuvers for student pilots, pilots requalifying or preparing for additional ratings, and flight instructors. Reprinted in 1969. (\$1.25 GPO.) FAA 1.8:F 64/4.

#### 61-23 Private Pilot's Handbook of Aeronautical Knowledge (5-27-66).

Contains essential, authoritative information used in training and guiding applicants for private pilot certification, flight instructors, and flying school staffs. Reprinted in 1969. (\$2.75 GPO.) FAA 5.8/2:P 64/5/965.

#### 61-25 Flight Test Guide—Helicopter, Private and Commercial Pilot (12-7-65).

Assists the helicopter pilot applicant in preparing for the certification flight tests; provides information concerning applicable procedures and standards. Published in 1965. (\$0.10 GPO.) FAA 1.8:H 36/2.

#### 61-27B Instrument Flying Handbook (9-22-70).

Provides the pilot with basic information needed to acquire an FAA instrument rating. It is designed for the reader who holds at least a private pilot certificate and is knowledgeable in all areas covered in the "Pilot's Handbook of Aeronautical Knowledge." (\$2.50 GPO.) TD 4.408:In 7/3.



**61-28A Commercial Pilot Written Test Guide (4-28-70).**

Reflects current operating procedures and techniques for the use of applicants in preparing for the Commercial Pilot-Airplane Written Test. (\$1.50 GPO.) TD 4.408:P 64/4.

**61-29A Instrument Flight Instructor Written Test Guide (10-16-70).**

Reflects current operating procedures, regulations, and techniques for the use of applicants in preparing for the Flight Instructor Instrument Written Test (\$0.50 GPO.) TD 4.8:In 7/5.

**61-30 Flight Test Guide—Gyroplane, Commercial Pilot (2-8-66).**

Assists commercial pilot operator in preparing for certification test. Revised in 1966. (\$0.15 GPO.) FAA 5.8/2:G 99/2/966.

**61-31 Gyroplane Pilot Examination Guide, Private and Commercial (2-9-66).**

Outlines information basic to a gyroplane pilot, lists sources useful in acquiring this knowledge, and presents sample examination questions.

**61-32 Private Pilot Written Examination Guide (8-15-67).**

A combination workbook, written test guide. Includes 71 exercises covering every section of the Private Pilot's Handbook of Aeronautical Knowledge plus a sample written test presented in a fashion similar to the current Private Pilot Written Examination. Reprinted in 1969. (\$1.75 GPO.) TD 4.408:P64.

**61-33 Gyroplane Flight Instructor Examination Guide (3-25-66).**

Assists applicants who are preparing for the Flight Instructor Rotorcraft Gyroplane Written Examination. Revised in 1966.

**61-34A Federal Aviation Regulations Written Test Guide for Private, Commercial and Military Pilots (6-18-70).**

Outlines the scope of the basic knowledge required of civilian or military pilots who are studying FARs as they pertain to the Regulations terminology; to the certification of private and commercial pilots; to the operation of aircraft in the national airspace; and to the requirements of the National Transportation Safety Board. For use as a guide in preparing for the FAR Written Test. (\$0.40 GPO.) TD 4.8:P 64.

**61-38 Rotorcraft Helicopter Written Test Guide (8-16-67).**

Gives guidance to applicants preparing for the aeronautical knowledge requirement for a flight instructor certificate with a helicopter rating.

**61-39 Flight Test Guide, Private and Commercial Pilot—Glider (8-28-67).**

Assists applicants for private and commercial pilot flight tests in gliders.

**61-41 Glider Flight Instructor Written Test Guide (11-7-67).**

Outlines the scope of the basic aeronautical knowledge requirements for a glider flight instructor; acquaints the applicant with source material that may be used to acquire this basic knowledge; and presents a sample test with correct answers and explanations.

**61-42 Airline Transport Pilot (Helicopter) Written Test Guide (11-7-67).**

Provides guidance to applicants preparing for the Airline Transport Pilot Rotorcraft/Helicopter (VFR and/or IFR) Written Tests. Describes the type and scope of required aeronautical knowledge covered by the written test. (\$0.35 GPO.) TD 4.408:H 36.

**61-43 Glider Pilot Written Test Guide—Private and Commercial (11-30-67).**

Outlines the scope of the basic aeronautical knowledge requirements for a glider pilot; acquaints the applicant with source material that may be used to acquire this basic knowledge; and presents a sample test with correct answers and explanations.

**61-45 Instrument Rating (Helicopter) Written Test Guide (1-24-68).**

Assists applicants who are preparing for the helicopter instrument rating. Presents a study outline, study materials and a sample test with answers.

**61-46 Flight Instructor Procedures (6-4-69).**

Informs flight instructors of the procedures involved in the renewal or reinstatement of Flight Instructor Certificates, qualification for "Gold Seal" certificates, and endorsing student pilot logbooks for various operations.

**61-47 Use of Approach Slope Indicators for Pilot Training (9-16-70).**

Informs pilot schools, flight instructors and student pilots of the recommendation of the Federal Aviation Administration on the use of approach slope indicator systems for pilot training.

**61-117-1C Flight Test Guide—Commercial Pilot, Airplane (2-7-69).**

Assists the commercial applicant in preparing for his certification flight test. (\$0.20 GPO.) TD 4.8:P 64/3.

**63-1B Flight Engineer Written Test Guide (10-22-70).**

Provides information to prospective flight engineers and others interested in this certification area. Contains information about certification requirements and describes the type and scope of the written test. Lists appropriate study and reference material and presents sample questions similar to those found in the official written tests. (\$0.50 GPO.) TD 4.408:En 3.

**63-2A Flight Navigator Written Test Guide (4-4-69).**

Defines the scope and narrows the field of study to the basic knowledge required

for the Flight Navigator Certificate. Published in 1969. (\$0.40 GPO.) TD 4.8:F 64/2.

**65-2A Airframe and Powerplant Mechanics Certification Guide (10-12-67).**

Provides information to prospective airframe and powerplant mechanics and other persons interested in FAA certification of aviation mechanics. Reprinted in 1969. (\$0.65 GPO.) TD 4.8:AI 7/6.

**65-4A Aircraft Dispatcher Written Test Guide (8-16-68).**

Describes the type and scope of aeronautical knowledge covered by the aircraft dispatcher written examination, lists reference materials, and presents sample questions. Published in 1969. (\$0.50 GPO.) TD 4.8:AI 7/12.

**65-5 Parachute Rigger Certification Guide (6-19-67).**

Provides information on how to apply for a parachute rigger certificate or rating and assists the applicant in preparing for the written, oral, and practical tests. Reprint in 1970. (\$0.25 GPO.) TD 4.8:P 21.

**65-9 Airframe and Powerplant Mechanics—General Handbook (8-26-70).**

Designed as a study manual for persons preparing for a mechanic certificate with airframe or powerplant ratings. Emphasis in this volume is on theory and methods of application, and is intended to provide basic information on principles, fundamentals, and airframe and powerplant ratings. (\$4 GPO.) TD 4.408:AI 7/2.

**65-11A Airframe and Powerplant Mechanics Certification Information (4-21-71).**

Provides answers to questions most frequently asked about Federal Aviation Administration certification of aviation mechanics. (\$0.20 GPO.) TD 4.8:AI:7/21 9-71.

**65-12 Airframe and Powerplant Mechanics Powerplant Handbook (9-25-70).**

Designed to familiarize student mechanics with the construction, theory of operation, and maintenance of aircraft powerplants. (\$3.75 GPO.) TD 4.408:AI 7/3.

**65-13 FAA Inspection Authorization Directory (12-14-70).**

Provides a new directory of all FAA certificated mechanics who hold an inspection authorization as of the effective date shown above.

**65-14 The Seventh Annual FAA International Aviation Maintenance Symposium (4-19-71).**

Informs the aviation community that the Maintenance Division will hold the seventh annual maintenance symposium.

**65.95-2B Handbook and Study Guide for Aviation Mechanics Inspection Authorization (10-9-70).**

This handbook gives guidance to persons conducting annual and progressive inspections and approving major repairs



or alterations of aircraft. While the handbook is primarily intended for mechanics holding or preparing for an Inspection Authorization, it may be useful to aircraft manufacturers and certificated repair stations who have these privileges.

### Airspace

#### SUBJECT NO. 70

#### 70/7460-1A Obstruction Marking and Lighting (1-1-72).

Describes FAA standards on obstruction marking and lighting and establishes the methods, procedures, and equipment types for both aviation red and high intensity white obstruction lights.

#### 70/7460-2C Proposed Construction or Alteration of Objects that may Affect the Navigable Airspace (9-16-71).

Advises those persons proposing to erect or alter an object that may affect the navigable airspace of the requirement to submit a notice to the Administrator of the Federal Aviation Administration (FAA).

#### 70/7460-3 Petitioning the Administrator for Discretionary Review; Section 77.37, FAR (8-8-68).

Revises and updates information concerning the submission of petitions to the Administrator for review, extension, or revision of determinations issued by regional directors or their designees.

#### 73-1 Establishment of Alert Areas (3-11-68).

Announces the establishment of alert areas and sets forth the procedures which FAA will follow in establishing such areas.

### Air Traffic Control and General Operations

#### SUBJECT NO. 90

#### 90-1A Civil Use of U.S. Government Produced Instrument Approach Charts (4-10-68).

Clarifies landing minimums requirements and revises instrument approach charts.

#### 90-5 Coordination of Air Traffic Control Procedures and Criteria (6-13-63).

States Air Traffic Service policy respecting coordination of air traffic procedures and criteria with outside agencies and/or organizations.

#### 90-12 Severe Weather Avoidance (4-15-64).

Provides information regarding air traffic control assistance in avoiding severe weather conditions.

#### 90-14A Altitude-Temperature Effect on Aircraft Performance (1-26-63).

Introduces the Denalt Performance Computer and reemphasizes the hazardous effects density altitude can have on aircraft.

#### 90-19 Use of Radar for the Provision of Air Traffic Control Services (10-29-64).

Advises the aviation community of FAA practice in the use of radar in-

formation to provide air traffic control services.

#### 90-20 Weather Radar Radomes (11-12-64).

Highlights some important points to consider in the selection and maintenance of weather radar radomes.

#### 90-22C Automatic Terminal Information Service (ATIS) (2-2-71).

Provides updated information concerning the operation of Automatic Terminal Information Service.

#### 90-23B Wake Turbulence (5-17-71).

Alerts pilots to the hazards of trailing vortex wake turbulence and related operational problems.

#### 90-31 Retention of Flight Service Station (FSS) Civil Flight Plans and Related Records (7-1-67).

Establishes new retention periods for flight plans, preflight briefings logs, visual flight rule flight progress strips, and related records with FSS's.

#### 90-32 Radar Capabilities and Limitations (8-15-67).

Advises the aviation community of the inherent capabilities and limitations of radar systems and the effect of these factors on the service provided by air traffic control (ATC) facilities.

#### 90-34 Accidents Resulting from Wheelbarrowing in Tricycle Gear Equipped Aircraft (2-27-68).

Explains "wheelbarrowing", the circumstances under which it is likely to occur, and recommended corrective action.

#### 96-36 The Use of Chaff as an In-Flight Emergency Signal (5-22-68).

Advises of the value and proper usage of chaff to alert radar controllers to the presence of an aircraft in distress which has a two-way radio failure.

#### 90-38A Use of Preferred IFR Routes (12-29-69).

Outlines the background, intent, and requested actions pertaining to the use of preferred IFR routes.

#### 90-41A Standard Instrument Departure/Arrival Procedures (2-18-71).

Describes the revised and combined Standard Instrument Departure (SID) and Standard Terminal Arrival Route (STAR) program.

#### 90-42 Traffic Advisory Practices at Nontower Airports (12-9-68).

This circular establishes, as good operating practices, procedures for pilots to exchange traffic information when operating to or from nontower airports.

#### 90-43C Operations Reservations for High-Density Traffic Airports (11-14-71).

Advises the aviation community of the means for all aircraft operators, except helicopters, scheduled and supplemental air carriers and scheduled air taxis, to obtain a reservation to operate to and/or from designated high-density traffic airports.

#### 90-44 Airport Ground Operations During Low Visibility Conditions (4-25-69).

Alerts the aviation community to potential problem areas which may exist on airport movement areas during periods of extremely low visibility.

#### 90-45 Approval of Area Navigation Systems for Use in the U.S. National Airspace System (8-18-69).

Provides guidelines for implementation of area navigation (RNAV) within the National Airspace System (NAS).

#### 90-45 CH-I (10-20-70).

Deletes certain items found to be in excess of minimum requirements and clarifies certain other items.

#### 90-47 Abbreviated Instrument Flight Rules Departure Clearance (3-18-70).

Provides guidance to pilots and operators for participation in the Abbreviated IFR Departure Clearance Program.

#### 90-48 Pilots' Role in Collision Avoidance (3-20-70).

Alerts all pilots to the midair collision and near midair collision hazard and to emphasize those basic problem areas of concern, as related to the human causal factors, where improvements in pilot education, operating practices, procedures, and techniques are needed to reduce mid-air conflicts.

#### 90-50 Air Traffic Control Radio Frequency Assignment Plan for VFR and IFR Communications (9-29-70).

Describes the civil air traffic control assignment of frequencies in the very high frequency (118-136 MHz) band.

#### 90-51 FAA Motion Picture—"Caution—Wake Turbulence" (11-17-70).

Announces the availability of a new wake turbulence film and encourages its viewing.

#### 90-54 Cruise Clearances (5-25-71).

Provides the aviation community guidance when operating under a "cruise" clearance.

#### 90-55 Identification of Air Taxi Operations for Air Traffic Counting (3-31-71).

Informs air taxi and commercial operators (ATCO), certificated under the provisions of Federal Aviation Regulations, Part 135, that they now fall under a separate category for air traffic counting purposes and outlines air traffic identification procedures to be used.

#### 91-3 Acrobatic Flight (9-30-63).

Sets safe operating practices for the conduct of acrobatic flight operations.

#### 91-5A Waivers of Subpart B, Part 91 of the Federal Aviation Regulations (FARs) (5-5-69).

Provides updated information concerning the submission of applications for and the issuance of waivers of Subpart B, FAR Part 91.



**91-6 Water, Slush, and Snow on the Runway (1-21-65).**

Provides background and guidelines concerning the operation of turbojet aircraft with water, slush, and/or snow on the runway.

**91-7 Hazards Associated With In-Flight Use of "Visible-Fluid" Type Cigarette Lighters (3-16-65).**

Discusses the potential hazards associated with in-flight use of "visible-fluid" type cigarette lighters.

**91-8A Use of Oxygen by General Aviation Pilots/Passenger (8-11-70).**

Provides general aviation personnel with information concerning the use of oxygen.

**91-9 Potential Hazards Associated With Turbojet Ground Operations (6-19-65).**

Alerts turbojet operators and flight crews to potential hazards involving turbojet operations at airports.

**91-10A Suggestions for Use of ILS Minima by General Aviation Operators of Turbojet Airplanes (10-8-65).**

Provides general aviation operators of turbojet airplanes with information on practices and procedures to be considered before utilizing the lowest published IFR minima prescribed by FAR Part 97 and provides information on pilot-in-command experience, initial and recurrent pilot proficiency, and airborne airplane equipment.

**91-11A Annual Inspection Reminder (12-3-69).**

Provides the aviation community with a uniform visual reminder of the date an annual inspection becomes due. (Reference section 91.169(a)(1) of the FAR's.)

**91.11-1 Guide to Drug Hazards in Aviation Medicine (7-19-63).**

Lists all commonly used drugs by pharmacological effect on airmen with side effects and recommendations. Reprinted 1970. (\$0.50 GPO.) FAA 7.9:D 84.

**91-12B Required Inspection for Aircraft Operating Under FAR Parts 121, 123, 127, or 135 and Reverting to General Operation Under FAR Part 91 (12-9-70).**

Describes acceptable methods for complying with the required inspections set forth in FAR Part 91.

**91-13A Cold Weather Operation of Aircraft (1-2-70).**

Provides background and guidelines relating to operation of aircraft in the colder climates where wide temperature changes may occur.

**91-14B Altimeter Setting Sources (10-1-71).**

Provides the aviation public, industry, and FAA field personnel with guidelines for setting up reliable altimeter setting sources.

**91-15 Terrain Flying (2-2-67).**

A pocket-size booklet designed as a tool for the average private pilot. Con-

tains a composite picture of the observations, opinions, warnings, and advice from veteran pilots who have flown this vast land of ours that can help to make flying more pleasant and safer. Tips on flying into Mexico, Canada, and Alaska. (\$0.55 GPO.) TD 4.2:T 27.

**91-16 Category II Operations—General Aviation Airplanes (8-7-67).**

Sets forth acceptable means by which Category II operations may be approved in accordance with FAR Parts 23, 25, 61, 91, 97, and 135.

**91-17 The Use of View Limiting Devices on Aircraft (2-20-68).**

Alerts pilots to the continuing need to make judicious and cautious use of all view limiting devices on aircraft.

**91-21 Inspection Schedule—for Handley-Page Model HP-137 (4-24-69).**

Provides information for use by persons planning to develop an inspection schedule for the Handley-Page Model HP-137 aircraft.

**91-22A Altitude Alerting Devices/Systems (12-23-71).**

Provides guidelines for designing, installing, and evaluating altitude alerting systems.

**91-23 Pilot's Weight and Balance Handbook (5-6-69).**

Provides an easily understood text on aircraft weight and balance for pilots who need to appreciate the importance of weight and balance control for safety of flight. Progresses from an explanation of basic fundamentals to the complete application of weight and balance principles in large aircraft operations. (\$0.70 GPO.) TD 4.408: P 64/3.

**91-24 Aircraft Hydroplaning or Aquaplaning on Wet Runways (9-4-69).**

Provides information to the problem of aircraft tires hydroplaning on wet runways.

**91-25 Loss of Visual Cues During Low Visibility Landings (9-22-69).**

Provides information regarding the importance to the pilot of maintaining unbroken visual cues during the final stages of an instrument approach when reaching the DH or MDA and continuing further descent.

**91-26 Maintenance and Handling of Air-Driven Gyroscopic Instruments (10-29-69).**

Advises operators of general aviation aircraft of the need for proper maintenance of air-driven gyroscopic instruments and associated air filters.

**91-27A Systemsworthiness Analysis Program—General Aviation (12-16-70).**

Explains the purpose and applicability of the Systemsworthiness Analysis Program (SWAP) to certificated air taxis, repair stations, pilot and aviation maintenance technician schools that are operated under the privileges of certificates issued by the Federal Aviation Administration.

**91-28 Unexpected Opening of Cabin Doors (12-23-69).**

Outlines the importance of assuring that cabin doors are properly closed prior to takeoff.

**91-29 Radar Transponder Requirements (3-30-70).**

Describes certain aspects of the planned operation of the Air Traffic Control Radar Beacon System (ATCRBS) which will be of interest to aircraft operators who expect to use radar transponders in their aircraft.

**91-30 Terminal Control Areas (TCA) (6-11-70).**

Explains the TCA concept and answers some of the most frequently asked questions pertaining to TCA.

**9-31 FAR Requirement for the Filing of Flight Plans for Flights Between Mexico and the United States (2-1-71).**

Informs pilots of the requirements of section 91.12(c) of Part 91 of the Federal Aviation Regulations.

**91-32 Safety in and Around Helicopters (5-7-71).**

Provides suggestions to improve helicopter safety by means of acquainting nonflight crew personnel and passengers with the precautions and procedures necessary to avoid undue hazards.

**91-33 Use of Alternate Grades of Aviation Gasoline for Grade 80/87 (10-6-71).**

Provides information relating to the use of alternate grades of aviation gasoline when grade 80/87 is not available, and the resultant effects of the use of the alternate fuels which may have higher TEL (tetraethyl lead) content.

**91.29-1 Special Structural Inspections (1-8-68).**

Discusses occurrences which may cause structural damage affecting the airworthiness of aircraft.

**91.83-1 Canceling or Closing Flight Plans (3-12-64).**

Outlines the need for canceling or closing flight plans promptly to avoid costly search and rescue operations.

**91.83-2 IFR Flight Plan Route Information (2-16-66).**

Clarifies the air traffic control needs for the filing of route information in an IFR (Instrument Flight Rules) flight plan.

**95-1 Airway and Route Obstruction Clearance (6-17-65).**

Advises all interested persons of the airspace areas within which obstruction clearance is considered in the establishment of Minimum En Route Instrument Altitudes (MEA's) for publication in FAR Part 95.

**99-1 Security Control of Air Traffic (1-12-72).**

Provides civil aviation with recommended practices for operating aircraft



within or penetrating an Air Defense Identification Zone (ADIZ).

**101-1 Waivers of Part 101, Federal Aviation Regulations (1-13-64).**

Provides information on submission of applications and issuances of waivers to FAR Part 101.

**103-2 Information Guide for Air Carrier Handling of Radioactive Materials (7-23-70).**

Acquaints air carrier industry and in particular, air freight handling personnel, with the essential requirements and practical application of the various regulations pertaining to the handling and transportation of radioactive materials.

**105-2 Sport Parachute Jumping (9-6-68).**

Provides suggestions to improve sport parachuting safety; information to assist parachutists in complying with FAR Part 105; and a list of aircraft which may be operated with one cabin door removed, including the procedures for obtaining FAA authorization for door removal.

**Air Carrier and Commercial Operators and Helicopters**

SUBJECT NO. 120

**120-1A Reporting Requirements of Air Carriers, Commercial Operators, and Travel Clubs (4-24-69).**

Advises of the mechanical reliability reporting requirements contained in FAR Parts 121 and 127 and the accident and incident reporting requirements of NTSB Part 430, Rules Pertaining to Aircraft Accidents, Incidents, Overdue Aircraft, and Safety Investigations.

**120-2A Precautionary Propeller Feathering To Prevent Runaway Propellers (8-20-63).**

Emphasizes the need for prompt feathering when there is an indication of internal engine failure.

**120-5 High Altitude Operations in Areas of Turbulence (3-26-63).**

Recommends procedures for use by jet pilots when penetrating areas of severe turbulence.

**120-7A Minimum Altitudes for Conducting Certain Emergency Flight Training Maneuvers and Procedures (7-27-70).**

Issued to emphasize to all air carriers and other operators of large aircraft the necessity for establishing minimum altitudes above the terrain or water when conducting certain simulated emergency flight training maneuvers.

**120-12 Private Carriage Versus Common Carriage by Commercial Operators Using Large Aircraft (6-24-64).**

Provides guidelines for determining whether current or proposed transportation operations by air constitute private or common carriage.

**120-13 Jet Transport Aircraft Attitude Instrument Systems (6-26-64).**

Provides information about the characteristics of some attitude instrument

systems presently installed in some jet transport aircraft.

**120-16A Continuous Airworthiness Program (9-11-69).**

Provide air carriers and commercial operators with guidance and information pertinent to certain provisions of Federal Aviation Regulations Parts 121 and 127.

**120-17 Handbook for Maintenance Control by Reliability Methods (12-31-64).**

Provides information and guidance material which may be used to design or develop maintenance reliability programs which include a standard for determining the time limitations.

**120-17 CH1 (6-24-66).**

**120-17 CH2 (5-6-68).**

**120-18 Preservation of Maintenance Records (5-10-65).**

Provides information and guidance relative to the microfilming of maintenance records.

**120-21 Aircraft Maintenance Time Limitations (6-24-66).**

Provides methods and procedures for the initial establishment and revision of time limitations on inspections, checks, maintenance or overhaul.

**120-24A Establishment and Revision of Aircraft Engine Overhaul and Inspection Periods (2-25-69).**

Describes methods and procedures used by the FAA in the establishment and revision of aircraft engine overhaul periods.

**120-26B Civil Aircraft Operator Designators (5-11-71).**

Revises the criteria and states the procedures for the assignment of a designator and a corresponding air/ground call sign to civil aircraft operators engaged in domestic services on a repetitive basis.

**120-27 Aircraft Weight and Balance Control (10-15-68).**

Provides a method and procedures for weight and balance control.

**120-28A Criteria for Approval of Category IIIa Landing Weather Minima (12-14-71).**

States an acceptable means, not the only means, for obtaining approval of Category IIIa minima and the installation approval of the associated airborne systems.

**120-29 Criteria for Approving Category I and Category II Landing Minima for FAR 121 Operators (9-25-70).**

Sets forth criteria used by FAA in approving turbojet landing minima of less than 300-3/4 or RVR 4,000 (Category I) and Category II minima for all aircraft.

**120-29 CH1 (12-15-71).**

Revises Appendix 1 and deletes statement in Appendix 2 regarding 19-foot criteria (does not apply when using an approved automatic landing system).

**121-1 Standard Maintenance Specifications Handbook (12-15-62).**

Consolidated reprint 5-15-69, includes Changes 1 through 18.

Provides procedures acceptable to FAA which may be used by operators when establishing inspection intervals and overhaul times.

**121-1 CH19 (12-19-69).**

Revises existing material in the subject handbook.

**121-1 CH20 (7-17-70).**

Changes existing and includes new material in the subject handbook.

**121-1 CH21 (12-14-70).**

Revises existing and includes new material in the subject handbook.

**121-1 CH22 (1-18-71).**

Includes new material in the subject handbook.

**121-1 CH23 (4-30-71).**

Includes new material in the subject handbook.

**121-1 CH24 (8-27-71).**

Transmits revised material to the Standard Maintenance Specification Handbook.

**121-1 CH25 (12-15-71).**

Revises existing material in the subject handbook.

**121-1 CH26 (12-23-71).**

Transmits revised material to the basic handbook.

**121-3M Maintenance Review Board Reports (9-29-71).**

Revises the list of Maintenance Review Board Reports that are currently in effect (August 1971).

**121-6 Portable Battery-Powered Megaphones (1-5-66).**

Sets forth an acceptable means for complying with rules (applicable to various persons operating under Part 121 of the Federal Aviation Regulations) that prescribe the installation of approved megaphones.

**121-7 Use of Seat Belts by Passengers and Flight Attendants To Prevent Injuries (7-14-66).**

Concerned with the prevention of injury due to air turbulence.

**121-9 Maintenance of Evacuation Slides (9-22-66).**

Provides information and guidance to air carriers and commercial operators in the maintenance of emergency evacuation slides.

**121-12 Wet or Slippery Runways (8-17-67).**

Provides uniform guidelines in the application of the "wet runway" rule by certificate holders operating under FAR 121.



**121-13 Self-Contained Navigation Systems (Long Range) (10-14-69).**

States an acceptable means, not the only means, of compliance with the referenced sections of the FAR as they apply to persons operating under Parts 121 or 123 who desire approval of Doppler RADAR navigation systems or Inertial Navigation Systems (INS) for use in their operations.

**121-13 CH-1 (7-31-70).**

Assures standardization of the Minimum Equipment List (MEL) with respect to Inertial Navigation Systems (INS) through the appropriate Flight Operations Evaluation Board (FOEB).

**121-13 CH 2 (12-21-70).**

Permits all flight training for Doppler and INS qualification, to be completed in a simulator or training device approved for conducting the required pilot training and qualifications in the use of these systems.

**121-14 Aircraft Simulator Evaluation and Approval (12-19-69).**

Sets forth one means that would be acceptable to the Administrator for approval of aircraft simulators or other training devices requiring approval under section 121.407.

**121-16 Maintenance Certification Procedures (11-9-70).**

Provides guidance for the preparation of an Operations Specification—Preface Page which will afford nominal and reasonable relief from approved service and overhaul time limits when a part is borrowed from another operator.

**121.195(d)-1 Alternate Operational Landing Distances for Wet Runways; Turbojet Powered Transport Category Airplanes (11-19-65).**

Sets forth an acceptable means, but not the only means, by which the alternate provision of section 121.195(d) may be met.

**123-1 Air Travel Clubs (10-17-68).**

Sets forth guidelines and procedures to assist air travel clubs using large aircraft in meeting safety requirements of FAR Part 123.

**135.155-1 Alternate Static Source for Altimeters and Airspeed and Vertical Speed Indicators (2-16-65).**

Sets forth an acceptable means of compliance with provision in FAR Part 135 and Part 23 dealing with alternate static sources.

**135-1A Air Taxi Aircraft Weight and Balance Control (9-26-69).**

Provides a method and procedures for developing a weight and balance control system for small aircraft operating in the air taxi fleet under FAR Part 135.

**135-2 Air Taxi Operators of Large Aircraft (10-14-69).**

Provides guidelines and procedures for use by air taxi operators or applicants for Air Taxi Operator certificates who desire to obtain FAA authorization to operate large aircraft (more than 12,500

pounds maximum certificated takeoff weight) in air taxi operations.

**135-3 Air Taxi Operators of Small Aircraft (2-17-70).**

Sets forth guidelines and procedures to assist persons in complying with the requirements of Federal Aviation Regulations, Part 135.

**135.60-1 Aircraft Inspection Programs (5-1-70).**

Provides information for use by air taxi operators and commercial operators of small aircraft developing an aircraft inspection program for FAA approval.

**137-1 Agricultural Aircraft Operations (11-29-65).**

Explains and clarifies the requirements of FAR Part 137 and provides additional information, not regulators in nature, which will assist interested persons in understanding the operating privileges and limitations of this Part.

**Schools and Other Certificated Agencies****SUBJECT NO. 140****140-1F Consolidated Listing of FAA Certificated Repair Stations (10-29-71).**

Provides a revised directory of all FAA certificated repair stations as of July 1, 1971.

**140-2F List of Certificated Pilot Flight and Ground Schools (7-9-71).**

Lists FAA certificated pilot schools as of January 1, 1971.

**140-3B Approval of Pilot Training Courses Under Subpart D of Part 141 of the FAR (1-8-70).**

The title is self-explanatory.

**140-4 Use of Audio-Visual Courses in Approved Pilot Ground Schools Certificated Under Part 141 (8-7-68).**

Informs operators of certificated pilot schools on the use of audio-visual training aids for instruction in approved ground school courses conducted under the FARs.

**140-5 Radio Maintenance Technician School Curriculum (8-11-71).**

Provides information on curriculum subjects for persons desiring to establish radio maintenance technician training courses.

**143-1B Ground Instructor Examination Guide—Basic—Advanced (4-18-67).**

Designed to assist applicants preparing for the Basic or Advanced Ground Instructor Written Examination by outlining the required knowledge and by providing sample questions for practice. Revised in 1967. (\$1 GPO.) TD 4408: G 91.

**143-2B Ground Instructor—Instrument—Written Test Guide (6-25-70).**

Provides information to applicants for the instrument ground instructor rating about the subject areas covered in the

examination and illustrated by a study outline, a list of study materials, and a sample examination with answers. (\$0.65 GPO.) TD 4.8: G 91.

**145.101-1A Application for Air Agency Certificate—Manufacturer's Maintenance Facility (3-10-69).**

Explains how to obtain a repair station certificate.

**147-2H Directory of FAA Certificated Aviation Maintenance Technician Schools (10-19-71).**

Provides a revised directory of all FAA certificated aviation maintenance technician schools (formerly mechanic schools) as of July 1, 1971.

**147-3 Phase III, A National Study of the Aviation Mechanics Occupation (3-22-71).**

Announces the availability for purchase by the public of a reprint of a report of Phase III, A National Study of the Aviation Mechanics Occupation.

**149-2F Listing of Federal Aviation Administration Certificated Parachute Lofts (10-8-71).**

Provides a revised listing of all FAA certificated parachute lofts as of October 1, 1971.

**Airports****SUBJECT NO. 150****AIRPORT PLANNING****150/5000-1 Cancellation of Obsolete Publications Issued by Standards Division, Airports Service (4-17-70).**

Cancels outstanding airport engineering data sheets, technical standard orders, airport engineering bulletins, and miscellaneous publications that are no longer current and to direct the reader to a new source of information, where applicable.

**150/5000-2 Index of Publications, Airport Service, Standards Division (9-28-70).**

Transmits the first Airports Service, Standards Division, index of advisory circulars and related publications.

**150/5040-1A Announcement of Report—Aviation Demand and Airport Facility Requirement Forecasts for Large Air Transportation Hubs Through 1980 (3-27-69).**

Announces the availability of the new report and where to obtain it.

**150/5040-2 Announcement of Report—Aviation Demand and Airport Facility Requirement Forecasts for Medium Air Transportation Hubs Through 1980 (5-22-69).**

Announces the availability to the public, Federal Aviation Administration personnel, airport and local government planning officials, the aviation industry, and the interested public with forecasts of aviation demand and selected airport facility requirements for medium hubs through 1980.



**150/5040-3 Announcement of Report—A Suggested Action Program for the Relief of Airfield Congestion at Selected Airports (6-19-69).**

Announces the availability of the report to the public which identifies and analyzes the possible improvements leading to reduced aircraft delays at 18 of the Nation's highest density airports.

**150/5040-4 Announcement of Supplementary Report—A Suggested Action Program for the Relief of Airfield Congestion at Selected Airports (3-31-70).**

Announces the availability of the report to the public which identifies and analyzes possible improvements needed to prevent delays at 10 additional airports where demand compared to capacity indicates serious congestion will become a problem. This report is supplementary to the report announced by AC 150/5040-3.

**150/5050-2 Compatible Land Use Planning in the Vicinity of Airports (4-13-67).**

Advises Federal Aviation Administration personnel, local government officials and the public of the availability of the following two reports prepared under the auspices of the FAA by the firm of Transportation Consultants, Inc. *Compatible Land Use Planning On and Around Airports, and Aids Available for Compatible Land Use Planning Around Airports.*

**150/5050-3 Announcement of a Report Entitled "Planning the State Airport System" (1-31-69).**

Advises of the availability of the report and how to obtain it.

**150/5060-1A Airport Capacity Criteria Used in Preparing the National Airport Plan (7-8-68).**

Presents the method used by the Federal Aviation Administration for determining when additional runways, taxiways, and aprons should be recommended in the National Airport Plan. The material is also useful to sponsors and engineers in developing Airport Layout Plans and for determining when additional airport pavement facilities should be provided to increase aircraft accommodation capacity at airports.

**150/5060-3A Airport Capacity Criteria Used in Long-Range Planning (12-24-69).**

Describes the method used by the Federal Aviation Administration for determining the approximate practical hourly and practical annual capacities of various airport runway configurations and is used in long-range (10 years or more) planning for expansion of existing airports and construction of new airports to accommodate forecast demand.

**150/5070-1 Rapid Transit Service for Metropolitan Airports (8-26-65).**

Informs airport officials of a Federal assistance program for rapid transit.

**150/5070-2 Planning the Metropolitan Airport (9-17-65). (Consolidated reprint 6-30-66 includes change I.)**

Provides guidance and methodology for planning the metropolitan airport system as a part of the comprehensive metropolitan planning program.

**150/5070-3 Planning the Airport Industrial Park (9-30-65).**

Provides guidance to communities, airport boards, and industrial developers for the planning and development of Airport Industrial Parks.

**150/5070-4 Planning for Rapid Urbanization Around Major Metropolitan Airports (3-31-66).**

Alerts planning agencies to the need for developing appropriate planning programs to guide rapid urbanization in the vicinity of major metropolitan airports and suggests procedures for such planning programs.

**150/5070-5 Planning the Metropolitan Airport System (5-22-70).**

Gives guidance in developing airport-system plans for large metropolitan areas. It may be used by metropolitan planning agencies and their consultants in preparing such system plans and by the FAA in reviewing same. (\$1.25 GPO.) TD 4.108:M56/2.

**150/5070-6 Airport Master Plans (2-5-71).**

Provides guidance for the preparation of individual airport master plans as provided for under the Airport Airway Development Act of 1970. (\$1.25 GPO.) TD 4.108:P69.

**150/5090-1 Regional Air Carrier Airport Planning (2-2-67).**

This circular: (1) Informs local and State governments, airport operators, and area planners of a Federal policy concerning the development of a single airport to serve two or more cities and their environs; and (2) provides such planners with guidance for evaluating the feasibility of establishing such regional airports.

**150/5090-2 National Airport Classification System (Airport System Planning) (6-25-71).**

Sets forth the new national airport classification system. The system is designed for use in the identification and classification of airports within the National System of Airports and for use as a planning tool in long-range airport system planning.

**FEDERAL-AID AIRPORT PROGRAMS**

**150/5100-3A Federal-aid Airport Program-Procedures Guide for Sponsors (9-20-68).**

Provides guidance to public agencies that sponsor or propose to sponsor projects under the Federal-aid Airport Program (FAAP) authorized by the Federal Airport Act.

**150/5100-3A CH 1 (11-28-69).**

Transmits revised pages to subject advisory circular.

**150/5100-5 Land Acquisition in the Federal-aid Airport Program (1-30-69).**

Provides general information to sponsors of airport development projects under the Federal-aid Airport Program on the eligibility of land acquisition and extent of Federal participation in land acquisition costs.

**150/5100-6 Labor Requirements in Federal-aid Airport Program Contracts (6-6-69).**

Covers the basic labor requirements applicable to the Federal-aid Airport Program (FAAP). Intended primarily for the guidance of those public agencies sponsoring projects under the program and the contractors and subcontractors engaged in work under a project.

**150/5100-7 Requirement for Public Hearing in the Airport Development Aid Program (1-4-71).**

Provides guidance to sponsors of airport development projects under the Airport Development Aid Program (ADAP) on the necessity for and conduct of public hearings.

**150/5100-8 Request for Aid; Displaced Persons; Public Hearings; Environmental Considerations; Opposition to the Project (1-19-71).**

Provides general guidance on the information and coordination required in support of a request for aid for an airport development project under the Airport and Airway Development Act of 1970.

**SURPLUS AIRPORT PROPERTY CONVEYANCE PROGRAMS**

**150/5150-2 Federal Surplus Personal Property for Public Airport Purposes (6-27-68).**

Outlines policies and procedures for State and local agencies applying for and acquiring surplus Federal personal property for public airport purposes.

**150/5150-2 CH 1 (4-22-69).**

Revises the flow of copies of the SF 123 to provide for more accurate review of donated property.

**AIRPORT COMPLIANCE PROGRAM**

**150/5190-1 Minimum Standards for Commercial Aeronautical Activities on Public Airports (8-18-66).**

Gives to owners of public airports information helpful in the development and application of minimum standards for commercial aeronautical activities.

**150/5190-2 Exclusive Rights at Airports (9-2-66).**

Provides basic information and guidance on FAA policy concerning exclusive rights at public airports on which Federal funds, administered by the FAA, have been expended.



**150/5190-3 Model Airport Zoning Ordinance (1-16-67).**

Provides a guide to be used in preparing airport zoning ordinances. This model will require modification and revision to suit circumstances and fulfill State and local law.

**AIRPORT SAFETY—GENERAL****150/5200-1 Bird Hazards to Aviation (3-1-65).**

Discusses certain steps that can be taken toward reducing or solving the bird strike problem on and near airports.

**150/5200-2A Bird Strike/Incident Report Form (1-9-70).**

Inform military and civil aviation organizations that FAA Form 3830, "Bird Strike/Incident Report Form," (BOB: 04-R136) is available for use in reporting bird hazards and accidents/incidents to aircraft resulting from bird strikes.

**150/5200-3 Bird Hazards to Aircraft (10-7-66).**

Transmits the latest published information concerning the reduction of bird strikes on aircraft.

**150/5200-4 Foaming of Runways (12-21-66).**

Discusses runway foaming and suggests procedures for providing this service.

**150/5200-5 Considerations for the Improvement of Airport Safety (2-2-67).**

Emphasizes that, in the interest of accident/incident prevention, airport management should conduct self-evaluations and operational safety inspections. An exchange of information and suggestions for the improvement of airport safety is also suggested.

**150/5200-6A Security of Aircraft at Airports (6-28-68).**

Directs attention to the problem of pilferage from aircraft on airports and suggests action to reduce pilferage and the hazards that may result therefrom.

**150/5200-7 Safety on Airports During Maintenance of Runway Lighting (1-24-68).**

Points the possibility of an accident occurring to airport employees caused by electrocution.

**150/5200-8 Use of Chemical Controls to Repel Flocks of Birds at Airports (5-2-68).**

Acquaints airport operators with new recommendations on the use of chemical methods for dispersing flocks of birds.

**150/5200-9 Bird Reactions and Scaring Devices (6-26-68).**

Transmits a report on bird species and their responses and reactions to scaring devices.

**150/5200-11 Airport Terminals and the Physically Handicapped (11-27-68).**

Discusses the problems of the physically handicapped air traveler and sug-

gests features that can be incorporated in modification or new construction of airport terminal buildings.

**150/5200-12 Fire Department Responsibility in Protecting Evidence at the Scene of an Aircraft Accident (8-7-69).**

Furnishes general guidance for employees of airport management and other personnel responsible for firefighting and rescue operations, at the scene of an aircraft accident, on the proper presentation of evidence.

**150/5200-13 Removal of Disabled Aircraft (8-27-70).**

Discusses the responsibility for disabled aircraft removal and emphasizes the need for prearranged agreements, plans, equipment, and improved coordination for the expeditious removal of disabled aircraft from airport operating areas. It also illustrates some of the various methods used, equipment employed, equipment available, and concepts for aircraft recovery.

**150/5200-14 Results of 90-Day Trial Exercise on Fire Department Activity (9-8-70).**

Transmits statistical data collected during a 90-day trial exercise conducted to determine the relationship between aircraft fire and rescue service activities and airport aeronautical operations.

**150/5200-15 Availability of the International Fire Service Training Association's (IFSTA) Aircraft Fire Protection and Rescue Procedures Manual (9-11-76).**

Announces the availability of the subject manual.

**150/5200-16 Announcement of Report AS-71-1 "Minimum Needs for Airport Fire Fighting and Rescue Services" Dated January 1971 (4-13-71).**

Announces the availability of the subject report and describes how to get it.

**150/5200-17 Emergency Plan (2-5-72).**

Contains guidance material for airport managements to use in developing an emergency plan at civil airports.

**150/5200-18 Airport Safety Self-Inspection (2-5-72).**

Suggests functional responsibility, procedures, a checklist, and schedule for an airport safety self-inspection.

**150/5200-19 Availability of Report No. FAA-RD-71-20 "An Analysis of Airport Snow Removal and Ice Control" dated March 1971 (11-23-71).**

Announces the availability of subject report.

**150/5210-2 Airport Emergency Medical Facilities and Services (9-3-64).**

Provides information and advice so that airports may take specific voluntary preplanning actions to assure at least minimum first-aid and medical readiness appropriate to the size of the airport in terms of permanent and transient personnel.

**150/5210-4 FAA Aircraft Fire and Rescue Training Film, "Blanket for Survival" (10-27-65).**

Provides information on the purpose, content, and availability of the subject training film.

**150/5210-5 Painting, Marking, and Lighting of Vehicles Used on an Airport (8-31-66).**

Makes recommendations concerning safety, efficiency, and uniformity in the interest of vehicles used on the aircraft operational area of an airport.

**150/5210-6A Aircraft Fire and Rescue Facilities and Extinguishing Agents (1-14-70).**

Furnishes general guidance for estimating the aircraft fire and rescue facilities needed at civil airports.

**150/5210-7 Aircraft Fire and Rescue Communications (10-28-66).**

Provides airport management with information helpful in the establishment of communication and alarm facilities. Such facilities alert and guide those personnel who must deal with aircraft ground emergencies.

**150/5210-8 Aircraft Firefighting and Rescue Personnel and Personnel Clothing (1-13-67).**

Provides guidance concerning the manning of aircraft fire and rescue trucks, the physical qualifications that personnel assigned to these trucks should meet, and the protective clothing with which they should be equipped.

**150/5210-9 Airport Fire Department Operating Procedures During Periods of Low Visibility (10-27-67).**

Suggests training criteria which airport management may use in developing minimum response times for aircraft fire and rescue trucks during periods of low visibility.

**150/5210-10 Airport Fire and Rescue Equipment Building Guide (12-7-67).**

This title is self-explanatory.

**150/5210-11 Response to Aircraft Emergencies (4-15-69).**

Inform airport operators and others of an existing need for reducing aircraft firefighting response time, and outlines a uniform response time goal of 2 minutes within aircraft operational areas on airports.

**150/5220-1 Guide Specification for a Light-Weight Airport Fire and Rescue Truck (7-24-64).**

Describes a vehicle with performance capabilities considered as minimum for an acceptable light rescue truck.

**150/5220-2 Guide Specification for 1,800-Gallon Aircraft Fire and Rescue Truck (7-24-64).**

Describes a vehicle possessing the minimum performance capabilities recommended for an acceptable aircraft fire and rescue truck.



**150/5220-3 Guide Specification for 1,000-Gallon Aircraft Fire and Rescue Truck (3-9-67).**

The title is self-explanatory.

**150/5220-4 Water Supply Systems for Aircraft Fire and Rescue Protection (12-7-67).**

The title is self-explanatory.

**150/5220-5 Guide Specification for a Combination Foam and Dry Chemical Aircraft Fire and Rescue Truck (12-29-67).**

Specification requirements developed by FAA to assist airport management in developing local procurement specifications for fire and rescue trucks.

**150/5220-6 Guide Specification for 1,000-Gallon Tank Truck (4-10-68).**

Assists airport management in the development of local procurement specifications.

**150/5220-7 Guide Specification for 2,500-Gallon Aircraft Fire and Rescue Truck (8-30-68).**

Guide Specification developed to assist airport management in the development of local procurement specifications.

**150/5220-8 Guide Specification for 2,000-Gallon Tank Truck (6-13-69).**

Assists airport management in the development of local procurement specifications for 2,000-gallon tank truck.

**150/5220-9 Aircraft Arresting System for Joint Civil/Military (4-6-70).**

Updates existing policy and describes and illustrates the various types of military aircraft emergency arresting systems that are now installed at various joint civil/military airports. It also informs users of criteria concerning installations of such systems at joint civil/military airports.

**150/5230-3 Fire Prevention During Aircraft Fueling Operations (4-8-69).**

This advisory circular provides information on fire preventative measures which aircraft servicing personnel should observe during fueling operations.

**DESIGN, CONSTRUCTION, AND MAINTENANCE—GENERAL**

**150/5300-2B Airport Design Standards—Site Requirements for Terminal Navigational Facilities (11-22-71).**

Provides information regarding the relative location and siting requirements for the terminal navigation facilities that may be established on an airport.

**150/5300-3 Adaptation of TSO-N18 Criterion to Clearways and Stopways (10-16-64).**

Sets forth standards recommended by the FAA for guidance of the public for the adaptation of TSO-N18 criterion to clearways and stopways.

**150/5300-4A Utility Airports—Air Access to National Transportation (3-6-69).**

Presents recommendations of the Federal Aviation Administration for the design of utility airports. These airports are developed for general aviation operations and this guide has been prepared to encourage and guide persons interested in their development. (\$1.75 GPO.) TD 4.8:AI 7/968.

**150/5300-5 Airport Reference Point (9-26-68).**

Defines and presents the method for calculating an airport reference point.

**150/5300-6 Airport Design Standards, General Aviation Airports, Basic and General Transport (7-14-69).**

Provides recommended design criteria for the development of larger than general utility airports.

**150/5300-7A FAA Policy on Facility Relocations Occasioned by Airport Improvements or Changes (9-27-71).**

Inform the aviation community of the FAA policy governing responsibility for funding relocation, replacement and modification to air traffic control and air navigation facilities that are made necessary by improvements or changes to the airport.

**150/5300-8 Planning and Design Criteria for Metropolitan STOL Ports (11-5-70).**

Provides the criteria recommended for the planning and design of STOL ports in metropolitan areas.

**150/5310-3 FAA Order 5310.2, Relocating Thresholds Due to Obstructions at Existing Runways (5-27-68).**

Announces the issuance of instructions to FAA field personnel on the displacement or relocation of thresholds.

**150/5320-5B Airport Drainage (7-1-70).**

Provides guidance for engineers, airport managers, and the public in the design and maintenance of airport drainage systems. (\$1 GPO.) TD 4.8: 78/970.

**150/5320-6A Airport Paving (5-9-67).**

Provides data for the design and construction of pavements at civil airports.

**150/5320-6A CH 1 (6-11-68).**

Transmits page changes and adds new chapter 6 to basic AC.

**150/5320-6A CH 2 (2-2-70).**

Transmits new paragraphs 3, 4, and 5, and adds a new Appendix 2.

**150/5320-6A CH 3 (4-1-70).**

Transmits several page changes and new subgrade compaction criteria.

**150/5325-2B Airport Design Standards—Air Carrier Airports—Surface Gradient and Line of Sight (2-18-70).**

Establishes design standards for airports served by certificated air carriers

to assist engineers in (1) designing the gradients of airport surface areas used to accommodate the landing, takeoff, and other ground movement requirements of airplanes while (2) providing adequate line of sight between airplanes operating on airports.

**150/5325-3 Background Information on the Aircraft Performance Curves for Large Airplanes (1-26-65).**

Provides airport designers with information on aircraft performance curves for design which will assist them in an objective interpretation of the data used for runway length determination.

**150/5325-3 CH 1 (5-12-66).**

Transmits a revision to the effective runway gradient standards.

**150/5325-4 Runway Length Requirements for Airport Design (4-5-65).**

Presents aircraft performance curves and sets forth standards for the determination of runway lengths to be provided at airports. The use of these standards is required for project activity under the Federal-Aid Airport Program when a specific critical aircraft is considered as the basis for the design of a runway.

**150/5325-4 CH 1 (8-5-65).**

Provides amended information for the basic advisory circular and includes aircraft performance curves for the BAC 1-11.

**150/5325-4 CH 2 (9-21-65).**

Transmits aircraft performance curves for the Boeing 707-300C and the Fairchild F-27 and F-27B.

**150/5325-4 CH 3 (4-25-66).**

Transmits aircraft performance curves for the Douglas DC-8-55, DC-8F-55, and DC-9-10 Series, the Fairchild F-27J, and the Nord 262.

**150/5325-4 CH 4 (5-12-66).**

Transmits a revision to the effective runway gradient standards.

**150/5325-4 CH 5 (7-13-66).**

Transmits aircraft performance curves for the Douglas DC-9-10 Series equipped with Pratt & Whitney JT8D-1 Engines.

**150/5325-4 CH 6 (12-8-66).**

It is recommended that turbojet powered aircraft use more runway length when landing under wet or slippery, rather than under dry conditions. This change furnishes a basis for estimating the additional recommended length.

**150/5325-4 CH 7 (2-7-67).**

Presents design curves for landing and takeoff requirements of airplanes in common use in the civil fleet. Also presented are instructions on the use of these design curves and a discussion of the factors considered in their development.



**150/5325-4 CH 8 (11-8-67).**

Transmits aircraft performance curves for the Boeing 747, Convair 640 (340D or 440D), and Douglas DC-9-30 Series.

**150/5325-5A Aircraft Data (1-12-68).**

Presents a listing of principal dimensions of aircraft affecting airport design for guidance in aircraft development.

**150/5325-6 Effects of Jet Blast (4-15-65).**

Presents the criteria for treatment of jet blast effects which are acceptable in accomplishing a project meeting the eligibility requirements of the Federal-aid Airport Program.

**150/5325-8 Compass Calibration Pad (5-8-69).**

Provides guidelines for the design, location on the airport, and construction of a compass calibration pad, and basic information concerning its use in determining the deviation error in an aircraft magnetic compass.

**150/5330-2A Runway/Taxiway Widths and Clearances for Airline Airports (7-26-68).**

Presents the Federal Aviation Administration recommendations for landing strip, runway, and taxiway widths and clearances at airports served by certificated air carriers.

**150/5330-3 Wind Effect on Runway Orientation (5-5-66).**

Provides guidance for evaluating wind conditions and determining their effect on the orientation of runways.

**150/5335-1A Airport Design Standards—Airports Served by Air Carriers—Taxiways (5-15-70).**

Provides criteria on taxiway design for airports served by certificated route air carriers with present airplanes and those anticipated in the near future.

**150/5335-2 Airport Aprons (1-27-65).**

Provides the criteria for airport aprons which are acceptable in accomplishing a project meeting the eligibility requirements of the Federal-aid Airport Program.

**150/5335-3 Airport Design Standards—Airports Served by Air Carriers—Bridges and Tunnels on Airports (4-19-71).**

Provides general guidance to those contemplating the construction of a bridge-type structure to allow aircraft to cross over an essential surface transportation mode.

**150/5340-1C Marking of Paved Areas on Airports (11-3-70).**

Describes standards for marking serviceable runways and taxiways as well as deceptive, closed, and hazardous areas on airports.

**150/5340-4B Installation Details for Runway Centerline and Touchdown Zone Lighting Systems (5-6-69).**

Describes standards for the design and installation of runway centerline and touchdown zone lighting systems.

**150/5340-5A Segmented Circle Airport Marker System (9-10-71).**

Sets forth standards for a system of airport marking consisting of certain pilot aids and traffic control devices.

**150/5340-8 Airport 51-foot Tubular Beacon Tower (6-11-64).**

Provides design and installation details on the subject tower.

**150/5340-9 Prefabricated Metal Housing for Electrical Equipment (8-18-64).**

Provides design and installation details on the subject metal housing.

**150/5340-13A High Intensity Runway Lighting System (4-14-67).**

Provides corrected curves for estimating loads in high intensity series circuits.

**150/5340-14B Economy Approach Lighting Aids (6-19-70).**

Describes standards for the design, selection, siting, and maintenance of economy approach lighting aids.

**150/5340-15A Taxiway Edge Lighting System (11-1-67).**

Describes standards for the design, installation, and maintenance of a taxiway edge lighting system.

**150/5340-15A CH 1 (4-2-68).**

Transmits change to basic AC.

**150/5340-16B Medium Intensity Runway Lighting System and Visual Approach Slope Indicators for Utility Airports (10-26-70).**

Describes standards for the design, installation, and maintenance of medium intensity runway lighting system (MIRL), and visual approach slope indicators for utility airports.

**150/5340-17A Standby Power for Non-FAA Airport Lighting Systems (3-19-71).**

Describes standards for the design, installation, and maintenance of standby power for nonagency owned airport visual aids associated with the National Airspace System (NAS).

**150/5340-18 Taxiway Guidance System (9-27-68).**

Describes the recommended standards for design, installation, and maintenance of a taxiway guidance sign system.

**150/5340-19 Taxiway Centerline Lighting System (11-14-68).**

Describes the recommended standards for design, installation, and maintenance of a taxiway centerline lighting system.

**150/5340-20 Installation Details and Maintenance Standards for Reflective Markers for Airport Runway and Taxiway Centerlines (2-17-69).**

Describes standards for the installation and maintenance of reflective markers for airport runway and taxiway centerlines.

**150/5340-21 Airport Miscellaneous Lighting Visual Aids (3-25-71).**

Describes standards for the system design, installation, inspection, testing, and

maintenance of airport miscellaneous visual aids; i.e., airport beacons, beacon towers, wind cones, wind tees, and obstruction lights.

**150/5340-22 Maintenance Guide for Determining Degradation and Cleaning of Centerline and Touchdown Zone Lights (4-20-71).**

Contains maintenance recommendations for determining degradation and cleaning of centerline and touchdown zone lights installed in airport pavement.

**150/5340-22 CH 1 (6-23-71).**

Transmits a page change to subject advisory circular.

**150/5340-23 Guide for Location of Supplemental Wind Cones (8-24-71).**

Describes standards for the performance and location of supplemental wind cones.

**150/5345-1C Approved Airport Lighting equipment (10-26-71).**

Contains lists of approved airport lighting equipment and manufacturers qualified to supply their product in accordance with the indicated specification requirements.

**150/5345-2 Specification for L-810 Obstruction Light (11-4-63).**

Required for FAAP project activity.

**150/5345-2 CH 1 (10-28-66).**

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

**150/5345-3A Specification for L-821 Airport Lighting Panel for Remote Control of Airport Lighting (10-20-67).**

Required for FAAP project activity.

**150/5345-3A CH 1 (6-11-68).**

Corrects case dimensions for the size 4 panel and other page changes.

**150/5345-3A CH 2 (9-17-69).**

Provides corrected drawings for the size 4 panel layout dimensions and the case dimensions.

**150/5345-4 Specification for L-289 Internally Lighted Airport Taxi Guidance Sign (10-15-63).**

Required for FAAP project activity.

**150/5345-4 CH 1 (10-28-66).**

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

**150/5345-5 Specification for L-847 Circuit Selector Switch, 5,000 Volt 20 Ampere (9-3-63).**

Required for FAAP project activity.

**150/5345-7B Specification for L-824 Underground Electrical Cables for Airport Lighting Circuits (3-18-71).**

Describes the specification requirements for underground electrical cables for airport lighting circuits. Published



by the FAA for the guidance of the public.

**150/5345-9C Specification for L-819 Fixed Focus Bidirectional High Intensity Runway Lights (12-23-69).**

Describes the subject specifications requirements and is published by the Federal Aviation Administration for the guidance of the public.

**150/5345-10C Specification for L-828 Constant Current Regulators (10-22-71).**

Describes the subject specification requirements and is published by the Federal Aviation Administration for the guidance of the public.

**150/5345-11 Specification for L-812 Static Indoor Type Constant Current Regulator Assembly, 4 Kw and 7½ Kw, With Brightness Control for Remote Operations (3-2-64).**

Required for FAAP project activity.

**150/5345-12A Specification for L-801 Beacon (5-12-67).**

Describes the subject specification requirements.

**150/5345-12A CH 1 (3-19-71).**

Transmits paragraph changes to the subject advisory circular.

**150/5345-13 Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits (1-6-64).**

Required for FAAP project activity.

**150/5345-15 Specification for L-842 Airport Centerline Light (1-6-64).**

Required for FAAP project activity.

**150/5345-16 Specification for L-843 Airport In-Runway Touchdown Zone Light (1-20-64).**

Required for FAAP project activity.

**150/5345-17 Specification for L-845 Semiflush Inset Prismatic Airport Light (3-3-64).**

Describes the subject specification requirements.

**150/5345-18 Specification for L-811 Static Indoor Type Constant Current Regulator Assembly, 4 Kw; With Brightness Control and Runway Selection for Direct Operation (3-3-64).**

Required for FAAP project activity.

**150/5345-18 CH 1 (5-28-64).**

Advises that a detail requirement is not applicable to the circular.

**150/5345-19 Specification for L-838 Semiflush Prismatic Airport Light (5-11-64).**

Describes the subject specification requirements.

**150/5345-20 Specification for L-802 Runway and Strip Light (6-24-64).**

Describes the subject specification requirements.

**150/5345-20 CH 1 (8-31-64).**

Provides amended information for the basic advisory circular.

**150/5345-20 CH 2 (1-14-66).**

Provides new dimensions for the thickness of the metal stake and an organizational change.

**150/5345-20 CH 3 (10-28-66).**

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

**150/5345-20 CH 4 (8-5-69).**

Describes the subject specification requirements for a runway and strip light.

**150/5345-21 Specification for L-813 Static Indoor Type Constant Current Regulator Assembly; 4 Kw and 7½ Kw; for Remote Operation of Taxiway Lights (7-28-64).**

Describes the subject specification requirements.

**150/5345-22 Specification for L-834 Individual Lamp Series-to-Series Type Insulating Transformer for 5,000 Volt Series Circuit (10-8-64).**

Describes the subject specification requirements.

**150/5345-23 Specification for L-822 Taxiway Edge Light (10-13-64).**

Describes the subject specification requirements.

**150/5345-23 CH 1 (1-14-66).**

Provides new dimensions for the thickness of the metal stake and an organizational change.

**150/5345-23 CH 2 (10-28-66).**

Transmits page changes to the subject advisory circular. This change provides for a new Alloy 360 in the die casting process.

**150/5345-23 CH 3 (8-5-69).**

Describes the subject specification requirements for a taxiway edge light.

**150/5345-26A Specification for L-823 Plug and Receptacle, Cable Connectors (5-4-71).**

Describes the subject specification requirements.

**150/5345-27A Specification for L-807 Eight-foot and Twelve-foot Unlighted or Externally Lighted Wind Cone Assemblies (6-16-69).**

Describes the subject specification requirements for a hinged steel pole support, an anodized tapered aluminum hinged base pole support, and an "A" frame fixed support with a pivoted center pipe support.

**150/5345-28A Specification for L-851 Visual Approach Slope Indicator System (3-17-70).**

Describes the subject specification requirements for visual approach slope indicator system (VASI) equipment.

**150/5345-29A FAA Specification L-852, Light Assembly, Airport Taxiway Centerline (4-28-71).**

Describes FAA Specification L-852, Light Assembly, Airport Taxiway Centerline, for the guidance of the public.

**150/5345-30A Specification for L-846 Electrical Wire for Lighting Circuits To Be Installed in Airport Pavements (2-3-67).**

Describes, for the guidance of the public, subject specification requirements for electrical wire.

**150/5345-31A Specification for L-833 Individual Lamp Series-to-Series Type Insulating Transformer for 600-Volt or 5,000-Volt Series Circuits (4-24-70).**

Describes the subject specification requirements and is published by the FAA for the guidance of the public.

**150/5345-33 Specification for L-844 Individual Lamp Series-to-Series Type Insulating Transformer for 5,000 Volt Series Circuit 6.6/20 Amperes 200 Watt (1-13-65).**

Describes the subject specification requirements.

**150/5345-34 Specification for L-839 Individual Lamp Series-to-Series Type Insulating Transformer for 5,000 Volt Series Circuit 6.6/20 Amperes 300 Watt (1-13-65).**

Describes the subject specification requirements.

**150/5345-35 Specification for L-816 Circuit Selector Cabinet Assembly for 600 Volt Series Circuits (1-28-65).**

Describes the subject specification requirements.

**150/5345-36 Specification for L-808 Lighted Wind Tee (2-3-65).**

Describes the subject specification requirements.

**150/5345-37B FAA Specification L-850, Light Assembly Airport Runway Centerline and Touchdown Zone (1-8-68).**

Revises subject light assembly.

**150/5345-38 Changes to Airport Lighting Equipment (3-23-67).**

The title is self-explanatory.

**150/5345-39A FAA Specification L-853, Runway and Taxiway Centerline Retroreflective Markers (9-17-71).**

Describes specification requirements for L-853 Runway and Taxiway Retroreflective markers, for the guidance of the public.

**150/5345-41 Specification for L-855, Individual Lamp, Series-to-Series Type Insulating Transformer for 5,000-Volt Series Circuit, 6.6/6.6 Amperes, 65 Watts (4-24-70).**

Describes the subject specification and is published by the FAA for the guidance of the public.



**150/5345-42 FAA Specification L-857, Airport Light Bases, Transformer Housing and Junction Boxes (10-27-70).**

Describes specification requirements for airport light bases, transformer housing and junction boxes for the guidance of the public.

**150/5345-43A FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems (11-19-71).**

Describes specification requirements for high intensity obstruction lighting systems.

**150/5345-44A Specification for L-858 Retroreflective Taxiway Guidance Signs (7-20-71).**

Describes the specification for retroreflective taxiway guidance signs.

**150/5355-1A International Signs to Facilitate Passengers Using Airports (11-3-71).**

Informs airport authorities of the desirability to provide international signs and diagrammatic maps within terminal buildings and of the need for clearly marked road signs for airports.

**150/5355-2 Fallout Shelters in Terminal Buildings (4-1-69).**

Furnishes guidance for the planning and design of fallout shelters in airport terminal buildings.

**150/5360-1 Airport Service Equipment Buildings (4-6-64).**

Provides guidance on design of buildings for housing equipment used in maintaining and repairing operational areas.

**150/5360-2 Airport Cargo Facilities (4-6-64).**

Provides guidance material on air cargo facilities.

**150/5360-3 Federal Inspection Service Facilities at International Airports (4-1-66).**

Describes and illustrates recommended facilities for inspection of passengers, baggage, and cargo entering the United States through international airport terminals. The material is for the guidance of architect-engineers and others interested in the planning and design of these airport facilities.

**150/5370-1A Standard Specifications for Construction of Airports (5-28-68).**

Contains specification items for construction of airports and other related information. Acceptable for FAAP project activity. Published in 1968. (\$3.50 GPO.) TD 4.24:968

**150/5370-2 Safety on Airports During Construction Activity (4-22-64).**

Provides guidelines concerning safety at airports during periods of construction activity.

**150/5370-4 Procedures Guide for Using the Standard Specifications for Construction of Airports (5-29-69).**

Provides guidance to the public in the use and application of the Standard

Specifications for Construction of Airports.

**150/5370-5 Offshore Airports (12-15-69).**

Announces to the public the availability of a two-volume report on offshore airport planning and construction methods.

**150/5370-6 Construction Progress and Inspection Report—Federal-Aid Airport Program (3-16-70).**

Provides for a report on construction progress and inspection of Federal-aid Airport Program (FAAP) projects, suggests a form for the report, and recommends use of the form unless other arrangements exist to obtain the type of information provided by the form.

**150/5370-7 Airport Construction Controls To Prevent Air and Water Pollution (4-26-71).**

Supplies guidance material on compliance with air and water standards during construction of airports developed under the Airport and Airway Development Act of 1970.

**150/5370-8 Grooving of Runway Pavements (3-16-71).**

Provides guidance for the design, installation, and maintenance of grooves in runway pavements.

**150/5380-1 Airport Maintenance (4-14-63).**

Provides a basic checklist and suggestions for an effective airport maintenance program.

**150/5380-2A Snow Removal Techniques Where In-Pavement Lighting Systems Are Installed (12-24-64).**

Provides information on damage to in-pavement lighting fixtures by snow removal equipment and recommends procedures to avoid such damage.

**150/5380-3A Removal of Contaminants from Pavement Surfaces (10-27-70).**

Provides information to the aviation industry relative to cleaning rubber deposits, oil, grease, and jet aircraft exhaust deposits from runway surfaces.

**150/5380-4 Ramp Operations During Periods of Snow and Ice Accumulation (9-11-68).**

Directs attention to an increased accident potential when snow or ice accumulates on the surfaces of ramps and aircraft parking and holding areas and suggests some measures to reduce this potential.

**150/5380-5 Debris Hazards at Civil Airports (3-8-71).**

Discusses problems of debris at airports, gives information on foreign objects, and tells how to eliminate such objects from operational areas.

**150/5390-1A Heliport Design Guide (11-5-69).**

Contains design guidance material for the development of heliports, both surface and elevated. (\$0.75 GPO.) TD 4.108:H36.

## Air Navigational Facilities

SUBJECT No. 170

**170-3B Distance Measuring Equipment (DME) (11-8-65).**

Presents information on DME and some of its uses to pilots unfamiliar with this navigational aid.

**170-6A Use of Radio Navigation Test Generators (3-30-66).**

Gives information received from the Federal Communications Commission as to the frequencies on which the FCC will license test generators (used to radiate a radio navigation signal) within the scope of its regulations and gives additional information to assist the user when checking aircraft navigation receivers.

**170/6850-1 Aeronautical Beacons and True Lights (8-28-68).**

Describes FAA standards for the installation and operation of aeronautical beacons serving as true lights.

**170-8 Use of Common Frequencies for Instrument Landing Systems Located on Opposite Ends of the Same Runway (11-7-66).**

In the future, common frequencies may be assigned to like components of two instrument landing systems serving opposite ends of the same runway. This will include the localizers, glide slopes, and associated outer and middle marker compass locators (LOM and LMM).

**170-9 Criteria for Acceptance of Ownership and Servicing of Civil Aviation Interest(s) Navigational and Air Traffic Control Systems and Equipment (11-26-68).**

Contains a revised FAA policy under which the FAA accepts conditional ownership of equipment and systems from civil aviation interests, without the use of Federal funds, and operates, maintains, and provides the logistic support of such equipment.

**170-10 FAA Recommendations to FCC on Licensing of Non-Federal Radio Navigation Aids (10-17-69).**

Gives background information and describes the basis for recommendations to be made by the FAA to the Federal Communications Commission (FCC) regarding licensing of radio navigation aids.

**170-11 Amendment of Federal Aviation Regulation Part 171 (FAR-171)—Cost of Flight and Ground Inspections (9-17-70).**

Alerts the public to the amendment to FAR Part 171 pertaining to the payment of ground and flight inspection charges prior to the issuance of an approved IFR procedure.

**170-12 Implementation of 50 KHz/Y Channels for ILS/VOR/DME (10-7-70).**

Advises aircraft owners, operators and radio equipment manufacturers of plans for future implementation of split channel assignments in the aeronautical radio navigation bands.



### 171-1 Estimating Packing and Shipping Costs for Export Shipments for ATC and Navaid Equipments (2-18-66).

Assists personnel engaged in preparing packing and shipping estimates of air navigation and traffic control equipments for overseas shipment.

#### Administrative

SUBJECT NO. 180

### 183-30 Directory of FAA Designated Mechanic Examiners (12-14-70).

Provides a new directory of all FAA designated mechanic examiners as of the effective date shown above.

### 183-31A FAA Designated Parachute Rigger Examiner Directory (1-17-72).

Provides a new directory of all FAA designated parachute rigger examiners as of November 30, 1971.

### 183.29-1E Designated Engineering Representatives (1-5-70).

Lists in Appendix 1 the Designated Engineering Representatives who are available for consulting work.

#### Flight Information

SUBJECT NO. 210

### 210-1 National Notice to Airmen System (2-8-64).

Announces FAA policy for the preparation and issuance of essential flight information to pilots and other aviation interests.

### 210-2A Established Schedule for Flight Information Effective Dates (9-19-69).

Emphasizes the importance of adherence to the established schedule of effective dates for flight information, and provides a copy of the schedule through June 1971.

### 210-3 National Notice to Airmen System—Elimination of NOTAM Code (5-22-70).

Announces changes in criteria and procedures for the Notice to Airmen System required to accommodate the transmission of all domestic Notice to Airmen data in clear contracted language and eliminate use of the NOTAM code on the domestic service A circuits.

### 211-2 Recommended Standards for IFR Aeronautical Charts (3-20-67).

Sets forth standards recommended by the Federal Aviation Administration for the guidance of the public in the issuance of IFR aeronautical charts for use in the National Airspace System (NAS).

### 211-5 Recommended Symbols and Terminologies for use with Terminal Area Graphic Notices (6-28-71).

Provides samples of standardized symbols and terminologies for use with graphic notices.

#### Internal Directives

### Contractions Handbook, 7340.1B (9-16-69).

Gives approved word and phrase contractions used by personnel connected

with air traffic control, communications, weather, charting, and associated services. (\$3.75 Sub.—GPO.) TD 4.308:C76/969.

#### Location Identifiers, 7350.1S.

Incorporates all authorized 3-letter location identifiers for special use in United States, worldwide, and Canadian assignments. Dated 5-15-71. (\$6 Sub.—GPO.) TD 4.310:.

#### Flight Services, 7110.10A (4-1-71).

This handbook consists of two parts. Part I, the basic, prescribes procedures and phraseology for use by personnel providing flight assistance and communications services. Part II, the teletypewriter portion, includes Services A and B teletypewriter operating procedures, pertinent International Teletypewriter Procedures, and the continuous U.S. Service A Weather Schedules. (\$9 Sub.—GPO.) TD 4.308: F 64.

#### International Flight Information Manual, Vol. 19 (April 1971).

This Manual is primarily designed as a preflight and planning guide for use by U.S. nonscheduled operators, business and private aviators contemplating flights outside of the United States.

The Manual, which is complemented by the International Notams publication, contains foreign entry requirements, a directory of aerodromes of entry including operational data, and pertinent regulations, and restrictions. It also contains passport, visa, and health requirements for each country. Published annually with quarterly amendments. (\$3.50—\$4.50 foreign—Annual Sub. GPO.) TD 4.309:16.

#### International Notams.

Covers notices on navigational facilities and information on associated aeronautical data generally classified as "Special Notices". Acts as a notice-to-airmen service only. Published weekly. (\$5—Annual Sub. GPO.) D 4.11:.

#### Airman's Information Manual:

##### Part 1—Basic Flight Manual and ATC Procedures.

This part is issued quarterly and contains basic fundamentals required to fly in the National Airspace System; adverse factors affecting Safety of Flight; Health and Medical Facts of interest to pilots; ATC information affecting rules, regulations, and procedures; a Glossary of Aeronautical Terms; U.S. Entry and Departure Procedures, including Airports of Entry and Landing Rights Airports; Air Defense Identification Zones (ADIZ); Designated Mountainous Areas, Scatana, and Emergency Procedures. (Annual Sub. \$4, Foreign mailing—\$1 additional. GPO.) TD 4.12:pt. 1/.

##### Part 2—Airport Directory.

This part is issued semiannually and contains a Directory of all Airports, Seaplane Bases, and Heliports in the conterminous United States, Puerto Rico, and the Virgin Islands which are available for transient civil use. It includes all of their facilities and services, except

communications, in codified form. Those airports with communications are also listed in Part 3 which reflects their radio facilities. A list of new and permanently closed airports which updates this part is contained in Part 3.

Included, also, is a list of selected Commercial Broadcast Stations of 100 watts or more of power and Flight Service Stations and National Weather Service telephone numbers. (Annual Sub. \$4, Foreign mailing—\$1 additional. GPO.) TD 4.12:pt. 2/.

##### Parts 3 and 3A—Operational Data and Notices to Airmen.

Part 3 is issued every 28 days and contains an Airport/Facility Directory containing a list of all major airports with communications; a tabulation of Air Navigation Radio Aids and their assigned frequencies; Preferred Routes; Standard Instrument Departures (SIDs); Substitute Route Structures; a Sectional Chart Bulletin, which updates Sectional charts cumulatively; Special General and Area Notices; a tabulation of New and Permanently Closed Airports, which updates Part 2; and Area Navigation Routes.

Part 3A is issued every 14 days and contains Notices to Airmen considered essential to the safety of flight as well as supplemental data to Part 3 and Part 4. (Annual Sub. \$20, Foreign mailing—\$5 additional. GPO.) TD 4.12:pt. 3/.

##### Part 4—Graphic Notices—Supplemental Data.

Part 4 is issued semiannually and contains abbreviations used in all parts of AIM; Parachute Jump Areas; VOR Receiver Check Points; Special Notice Area Graphics; and Heavy Wagon and Oil Burner Routes.

Future editions will be expanded to include Special Terminal Area Charts and data not subject to frequent change. (Annual Sub. \$1.50, Foreign mailing—\$0.50 additional GPO.) TD 4.12:pt. 4/.

##### Aircraft Type Certificate Data Sheets and Specifications.

Contains all current aircraft specifications and type certificate data sheets issued by the FAA. Monthly supplements provided. (\$40—Sub., Foreign mailing—\$10 additional. GPO.) TD 4.15:967.

##### Aircraft Engine and Propeller Type Certificate Data Sheets.

Contains all current aircraft engine and propeller type certificate data sheets and specifications issued by FAA. Monthly supplements provided. (\$16—Sub., Foreign mailing—\$4 additional. GPO.) TD 4.15/2:968.

##### Summary of Supplemental Type Certificates.

Contains all supplemental type certificates issued by FAA regarding design changes in aircraft, engines, or propellers. List includes description of change, the model and type certificate number, the supplemental type certificate number, and the holder of the change. Quarterly supplements provided. (\$23—Sub., Foreign mailing—\$5.75 additional. GPO.) TD 4.36:971.



# STATUS OF THE FEDERAL AVIATION REGULATIONS As of March 15, 1972

## FEDERAL AVIATION REGULATIONS VOLUMES

Volume No.	Contents	Price	Transmittals
Volume I	Definitions and Abbreviations.	\$1.50 plus 50¢ foreign mailing.	4
Volume II	General Rule-Making Procedures. Enforcement Procedures. Non-discrimination in Federally assisted Programs of the Federal Aviation Administration. Certification Procedures for Products and Parts. Technical Standard Order Authorizations. Airworthiness Directives. Identification and Registration Marking. Aircraft Registration. Recording of Aircraft Titles and Security Documents. Representatives of the Administrator. Testimony by Employees and Production of Records in Legal Proceedings. Use of Federal Aviation Administration Communications System.	\$6 plus \$1.50 foreign mailing.	21
Volume III	Airworthiness Standards: Normal, Utility, and Acrobatic Category Airplanes.	\$8.50 plus \$2.25 foreign mailing.	9
Volume IV	Noise Standards: Aircraft Type Certification.	\$3.50 plus 75¢ foreign mailing.	5
Volume V	Maintenance, Preventive Maintenance, Rebuilding, and Alteration. Repair Stations. Parachute Lots.	\$3 plus 75¢ foreign mailing.	8
Volume VI	General Operating and Flight Rules. Special Air Traffic Rules and Airport Traffic Patterns. Security Control of Air Traffic. Moored Balloons, Kites, Unmanned Rockets, and Unmanned Free Balloons. Transportation of Dangerous Articles and Magnetized Materials. Parachute Jumping.	\$5.00 plus \$1.25 foreign mailing.	25

Volume No.	Contents	Price	Transmittals
Volume VII	Certification and Operations: Air Carriers and Commercial Operators of Large Aircraft.	\$6.50 plus \$1.75 foreign mailing.	11
Volume VIII	Operations of Foreign Air Carriers.	\$3.50 plus \$1 foreign mailing.	7
Volume IX	Operations of Air Taxi Operators and Commercial Operators of Small Aircraft.	\$6 plus \$1.50 foreign mailing.	5
Volume X	Certification: Pilots and Flight Instructors. Certification: Flight Crewmembers Other Than Pilots. Certification: Airmen Other Than Flight Crewmembers. Medical Standards and Certification. Pilot Schools. Ground Instructors.	\$4.50 plus \$1.25 foreign mailing.	6
Volume XI	Aviation Maintenance Technicians Schools. Federal Aid to Airports. Acquisition of U.S. Land for Public Airports. Release of Airport Property from Surplus Property Disposal Restrictions. National Capital Airports. Wake Island Code. Annette Island, Alaska, Airport.	\$2.75 plus 75¢ foreign mailing.	8
Volume XII	Designation of Federal Airways, Controlled Airspace, and Reporting Points. Special Use Airspace. Establishment of Jet Routes. Obstacles Affecting Navigable Airspace. IFR Altitudes. Standard Instrument Approach Procedures. Notice of Construction, Alteration, Activation, and Deactivation of Airports. Expenditure of Federal Funds for Nonmilitary Airports or Air Navigational Facilities Thereon. Non-Federal Navigation Facilities.		

Volumes may be purchased from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Transmittal (amendment) service is automatic with the purchase of a Volume and is also provided by the Superintendent of Documents. Check or money order made payable to the Superintendent of Documents, should be included with each order.

MARY E. HEALY,  
Manager, Headquarters Operations.  
[FR Doc. 72-6608 Filed 5-2-72; 8:45 am]







# federa! register

WEDNESDAY, MAY 3, 1972  
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PART III



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## DEPARTMENT OF THE INTERIOR

Geological Survey



Geothermal Resources  
Operations on Public,  
Acquired, and Withdrawn  
Lands

Notice of Proposed Rule Making



## DEPARTMENT OF THE INTERIOR

## Geological Survey

## [ 30 CFR Part 271 ]

## GEOHERMAL RESOURCES OPERATIONS ON PUBLIC, ACQUIRED, AND WITHDRAWN LANDS

## Notice of Proposed Rule Making

The purpose of this proposed rule making on geothermal resources unit plans is to implement the Geothermal Steam Act of December 24, 1970 (84 Stat. 1566). That Act provides for the leasing of public lands for geothermal resource exploration, development, and production.

This additional proposed rule making would supplement the geothermal operating regulations (30 CFR Part 270) published as proposed rule making in the *FEDERAL REGISTER* July 23, 1971.

It is the policy of the Department of the Interior, whenever practicable, to afford the public an opportunity to participate in the rule making process. Accordingly, interested parties may submit written comments, suggestions, or objections with respect to the proposed regulations to the Geothermal Coordinator, Department of the Interior, Washington, D.C. 20240, within 45 days of the date of publication of this notice in the *FEDERAL REGISTER*.

JOHN B. RIGG,  
Deputy Assistant Secretary  
of the Interior.

APRIL 28, 1972.

## PART 271—GEOHERMAL RESOURCES UNIT PLAN REGULATIONS (INCLUDING SUGGESTED FORMS)

## GENERAL PROVISIONS

Sec.	
271.1	Introduction.
271.2	Definitions.
271.3	Designation of area.
271.4	Preliminary consideration of agreements.
271.5	State land.
271.6	Qualifications of unit operator.
271.7	Parties to unit or cooperative agreements.
271.8	Approval of an executed unit or cooperative agreement.
271.9	Filing of papers and number of counterparts.
271.10	Bonds.
271.11	Appeals.
271.12	Form of unit agreement for unproved areas.
271.13	Sample form of Exhibit A of unit agreement.
271.14	Sample form of Exhibit B of unit agreement.
271.15	Form of collective bond.
271.16	Form of designation of successor unit operator by working interest owners.
271.17	Form of change in unit operator by assignment.

**AUTHORITY:** The provisions of this Part 271 issued under section 18 of the Geothermal Steam Act of 1970 (84 Stat. 1566) (see 43 CFR Subpart 3244).

## § 271.1 Introduction.

The regulations in this part prescribe the procedure to be followed and the re-

quirements to be met by holders of Federal geothermal leases (see § 271.2d) and their representatives who wish to unite with each other, or jointly or separately with others, in collectively adopting and operating under a cooperative or unit plan for the development of any geothermal resources pool, field, or like area, or any part thereof. Such agreements may be initiated by lessees, or where in the interest of conserving natural resources they are deemed necessary they may be required by the Director.

## § 271.2 Definitions.

The following terms, as used in this part or in any agreement approved under the regulations in this part, shall have the meanings here indicated unless otherwise defined in such agreement:

(a) *Unit agreement.* An agreement or plan of development and operation for the production and utilization of separately owned interests in the geothermal resources made subject thereto as a single consolidated unit without regard to separate ownerships and which provides for the allocation of costs and benefits on a basis defined in the agreement or plan.

(b) *Cooperative agreement.* An agreement or plan of development and operations for the production and utilization of geothermal resources made subject thereto in which separate ownership units are independently operated without allocation of production.

(c) *Agreement.* For convenience, the term "agreement" as used in the regulations in this part refers to either a unit or a cooperative agreement as defined in paragraphs (a) and (b) of this section unless otherwise indicated.

(d) *Geothermal lease.* A lease issued under the act of December 24, 1970 (84 Stat. 1566), pursuant to the leasing regulations contained in 43 CFR Part 3200.

(e) *Unit area.* The area described in a unit agreement as constituting the land logically subject to development under such agreement.

(f) *Unitized land.* The part of a unit area committed to a unit agreement.

(g) *Unitized substances.* Deposits of geothermal resources recovered from unitized land by operation under and pursuant to a unit agreement.

(h) *Unit operator.* The person, association, partnership, corporation, or other business entity designated under a unit agreement to conduct operations on unitized land as specified in such agreement.

(i) *Participating area.* That part of a unit area to which production would be allocated in the manner described in the unit agreement, if all lands in the unit area were committed to the unit agreement.

(j) *Working interest.* The interest held in geothermal resources or in lands containing the same by virtue of a lease, operating agreement, fee title, or otherwise, under which, except as otherwise provided in a unit or cooperative agreement, the owner of such interest is vested with the right to explore for, develop,

produce, and utilize such resources. The right delegated to the unit operator as such by the unit agreement is not to be regarded as a working interest.

(k) *Secretary.* The Secretary of the Interior or any person duly authorized to exercise powers vested in that officer.

(l) *Director.* The Director of the U.S. Geological Survey.

(m) *Supervisor.* The authorized representative of the Secretary of Interior under the administrative direction of the Director, Geological Survey, exercised through the Chief, Conservation Division, Geological Survey.

## § 271.3 Designation of area.

An application for designation of an area as logically subject to development and/or operation under a unit or cooperative agreement may be filed, in triplicate, by any proponent of such an agreement through the Supervisor. Each copy of the application shall be accompanied by a map or diagram on a scale of not less than 1 inch to 1 mile, outlining the area sought to be designated under this section. The Federal, State, and privately owned land should be indicated on said map by distinctive symbols or colors and Federal geothermal leases and lease applications should be identified by serial number. Geological information, including the results of geophysical surveys, and such other information as may tend to show that unitization is necessary and advisable in the public interest should be furnished in triplicate. Geological and geophysical information and data so furnished will not be available for public inspection, as provided by 5 U.S.C. section 552(b), without the consent of the proponent. The application and supporting data will be considered by the Director and the applicant will be informed of the decision reached. The designation of an area, pursuant to an application filed under this section, shall not create an exclusive right to submit an executed agreement for such area, nor preclude the inclusion of such area or any part thereof in another unit area.

## § 271.4 Preliminary consideration of agreements.

The form of unit agreement set forth in § 271.12 is acceptable for use in unproved areas. The use of this form is not mandatory, but any proposed departure therefrom should be submitted with the application submitted under § 271.3 for preliminary consideration and for such revision as may be deemed necessary. In areas proposed for unitization in which a discovery of geothermal resources has been made, or where a cooperative agreement is contemplated, the proposed agreement should be submitted with the application submitted under § 271.3 for preliminary consideration and for such revision as may be deemed necessary. The proposed form of agreement should be submitted in triplicate and should be plainly marked to identify the proposed variances from the form of agreement set forth in § 271.12.



# § 271.5 State land.

Where State-owned land is to be unitized, approval of the agreement by appropriate State officials should be obtained prior to its submission to the Department for approval of the executed agreement. When authorized by the laws of the State in which the unitized land is situated, provisions may be made in the agreement accepting statement to the extent that they are applicable to non-Federal unitized land.

# § 271.6 Qualifications of unit operator.

A unit operator must qualify as to citizenship in the same manner as those holding interests in geothermal leases issued under the Geothermal Steam Act of 1970. The unit operator may be an owner of a working interest in the unit area or such other party as may be selected by the owners of working interests and approved by the Supervisor. The unit operator shall execute an acceptance of the duties and obligations imposed by the agreement. No designation of, or change in, a unit operator will become effective unless and until approved by the Supervisor, and no such approval will be granted unless the unit operator is deemed qualified to fulfill the duties and obligations prescribed in the agreement.

# § 271.7 Parties to unit or cooperative agreement.

The owners of any rights, title, or interest in the geothermal resources deposits to be developed and operated under an agreement can be regarded as proper parties to a proposed agreement. All such owners must be invited to join as parties to the agreement. If any owner fails or refuses to join the agreement, the proponent of the agreement should declare this to the Supervisor and should submit evidence of efforts made to obtain joinder of such owner and the reasons for nonjoinder.

# § 271.8 Approval of an executed unit or cooperative agreement.

(a) A duly executed unit or cooperative agreement will be approved by the Secretary, or his duly authorized representative, upon a determination that such agreement is necessary or advisable in the public interest and is for the purpose of properly conserving the natural resources. Such approval will be incorporated in a certificate appended to the agreement. No such agreement will be approved unless at least one of the parties is a holder of a Federal lease embracing lands being committed to the agreement and unless the parties signatory to the agreement hold sufficient interests in the area to give effective control of operations therein.

(b) Where a duly executed agreement is submitted for Departmental approval, a minimum of six signed counterparts should be filed. The same number of counterparts should be filed for documents supplementing, modifying, or amending an agreement, including change of operator, designation of new operator, and notice of surrender, relinquishment, or termination.

(c) The address of each signatory party to the agreement should be inserted below the party's signature. Each signature should be attested by at least one witness, if not notarized. Corporate or other signatures made in a representative capacity must be accompanied by evidence of the authority of the signatories to act unless such evidence is already a matter of record in the United States Geological Survey. (The parties may execute any number of counterparts of the agreement with the same force and effect as if all parties signed the same document, or may execute a ratification or consent in a separate instrument with like force and effect.)

(d) Any modification of an approved agreement will require approval of the Secretary or his duly authorized representative under procedures similar to those cited in paragraph (a) of this section.

# § 271.9 Filing of papers and number of counterparts.

(a) All proposals and supporting papers, instruments, and documents submitted under this part should be filed with the Supervisor, unless otherwise provided in this part or otherwise instructed by the Director.

(b) Plans of development and operation, plans of further development and operation, and proposed participating areas and revisions thereof should be submitted in quadruplicate.

(c) Each application for approval of a participating area, or revision thereof, should be accompanied by three copies of a substantiating geologic and engineering report, structure contour map or maps, cross-section or other pertinent data.

(d) Other instruments or documents submitted for approval should be submitted for approval in sufficient number to permit the approving official to return at least one approved counterpart.

# § 271.10 Bonds.

In lieu of separate bonds required for each Federal lease committed to a unit agreement, the unit operator shall furnish and maintain a collective corporate surety bond or a personal bond conditioned upon faithful performance of the duties and obligations of the agreement and the terms of the leases subject thereto. Personal bonds shall be accompanied by a deposit of negotiable Federal securities in a sum equal to their par value to the amount of the bond and by a proper conveyance to the Secretary of full authority to sell such securities in case of default in the performance of the obligations assumed. The liability under the bond shall be for such amount as the Supervisor shall determine to be adequate to protect the interests of the United States and additional bond may be required whenever deemed necessary by the Supervisor. The bond may be filed with the manager of the district land office or the Supervisor, however, evidence must be furnished the Supervisor that such bond has been accepted by the Bureau of Land Management before operations will be authorized. A form

of corporate surety bond is set forth in § 271.15. In case of changes of unit operator, a new bond must be filed or a consent of surety to the change in principal under the existing bond must be furnished.

# § 271.11 Appeals.

Appeals may be taken in the manner provided in § 270.81 of this chapter from any decision, order or ruling issued under the regulation in this part, unless such decision, order or ruling was approved by the Secretary prior to the filing of the appeal.

# § 271.12 Form of unit agreement for unproved areas.

UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATIONS OF THE  
UNIT AREA, COUNTY OF \_\_\_\_\_  
STATE OF \_\_\_\_\_ No. \_\_\_\_\_  
UNIT AGREEMENT FOR THE DEVELOPMENT AND OPERATION OF THE \_\_\_\_\_ UNIT AREA  
COUNTY OF \_\_\_\_\_  
STATE OF \_\_\_\_\_

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UNIT AGREEMENT  
COUNTY \_\_\_\_\_

This Agreement entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto".

WITNESSETH: Whereas the parties hereto are the owners of working, royalty, or other geothermal resources interests in land subject to this Agreement; and

Whereas the Geothermal Steam Act of 1970 (84 Stat. 1566), hereinafter referred to as the "Act", authorizes Federal lessees and their representatives to unite with each other, or jointly or separately with others, in collectively adopting and operating under a cooperative or unit plan of development or



operation of any geothermal resources pool, field, or like area, or any part thereof, for the purpose of more properly conserving the natural resources thereof, whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

Whereas the parties hereto hold sufficient interest in the \_\_\_\_\_ Unit Area covering the land herein described to effectively control operations therein; and

Whereas, it is the purpose of the parties hereto to conserve natural resources, prevent waste, and secure other benefits obtainable through development and operations of the area subject to this Agreement under the terms, conditions, and limitations herein set forth;

Now, therefore, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below-defined Unit Area, and agree severally among themselves as follows:

#### ARTICLE I—ENABLING ACT AND REGULATIONS

1.1 The Act and all valid pertinent regulations, including operating and unit plan regulations, heretofore or hereafter issued thereunder are accepted and made a part of this agreement as to Federal lands.

1.2 As to non-Federal lands, the geothermal resources operating regulations in effect as of the effective date hereof governing drilling and producing operations, not inconsistent with the laws of the State in which the non-Federal land is located, are hereby accepted and made a part of this agreement.

#### ARTICLE II—DEFINITIONS

2.1 The following terms shall have the meanings here indicated:

(a) *Geothermal lease.* A lease issued under the act of December 24, 1970 (84 Stat. 1566), pursuant to the leasing regulations contained in 43 CFR Group 3200.

(b) *Unit area.* The area described in Article III of this Agreement.

(c) *Unit Operator.* The person, association, partnership, corporation, or other business entity designated under this Agreement to conduct operations on Unitized Land as specified herein.

(d) *Participating area.* That part of the Unit Area to which production would be allocated in the manner described in this Agreement, if all lands in the Unit Area were committed hereto.

(e) *Working interest.* The interest held in geothermal resources or in lands containing the same by virtue of a lease, operating agreement, fee title, or otherwise, under which, except as otherwise provided in this Agreement, the owner of such interest is vested with the right to explore for, develop, produce and utilize such resources. The right delegated to the Unit Operator as such by this Agreement is not to be regarded as a Working Interest.

(f) *Secretary.* The Secretary of the Interior or any person duly authorized to exercise powers vested in that officer.

(g) *Director.* The Director of the U.S. Geological Survey.

(h) *Supervisor.* The authorized representative of the Secretary of Interior under the administrative direction of the Director, Geological Survey, exercised through the Chief, Conservation Division, Geological Survey.

#### ARTICLE III—UNIT AREA AND EXHIBITS

3.1 The area specified on the map attached hereto marked "Exhibit A" is hereby designated and recognized as constituting the Unit Area, containing \_\_\_\_\_ acres, more or less.

The above-described Unit Area shall when practicable be expanded to include therein any additional lands or shall be contracted to exclude lands whenever such expansion or contraction is deemed to be necessary or advisable to conform with the purposes of this Agreement.

3.2 Exhibit A attached hereto and made a part hereof is a map showing the boundary of the Unit Area, the boundaries and identity of tracts and leases in said area to the extent known to the Unit Operator.

3.3 Exhibit B attached hereto and made a part hereof is a schedule showing to the extent known to the Unit Operator the acreage, percentage, and kind of ownership of geothermal resources interests in all lands in the Unit Area.

3.4 Exhibits A and B shall be revised by the Unit Operator whenever changes in the Unit Area render such revision necessary, or when requested by the Supervisor, and not less than five copies of the revised Exhibits shall be filed with the Supervisor.

#### ARTICLE IV—CONTRACTION AND EXPANSION OF UNIT AREA

4.1 Unless otherwise specified herein, the expansion and/or contraction of the Unit Area contemplated in Article 3.1 hereof shall be effected in the following manner:

(a) Unit Operator, on its own motion or on demand of the Director shall prepare a notice of proposed expansion or contraction describing the contemplated changes in the boundaries of the Unit Area, the reasons therefore, and the proposed effective date thereof, preferably the first day of a month subsequent to the date of notice.

(b) Said notice shall be delivered to the Supervisor, and copies thereof mailed to the last known address of each Working Interest Owner, Lessee, and Lessor whose interests are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the 30-day period provided in the preceding item (b) hereof, Unit Operator shall file with the Supervisor evidence of mailing of the notice of expansion or contraction and a copy of any objections thereto which have been filed with the Unit Operator, together with an application in sufficient number, for approval of such expansion or contraction and with appropriate joinders.

(d) After due consideration of all pertinent information, the expansion or contraction shall, upon approval by the Supervisor, become effective as of the date prescribed in the notice thereof.

4.2 Unitized Leases, insofar as they cover any lands which are excluded from the Unit Area under any of the provisions of this Article IV may be maintained and continued in force and effect in accordance with the terms, provisions, and conditions contained in the Act, and the lease or leases and amendments thereto, except that operations and/or production under this Unit Agreement shall not serve to maintain or continue the excluded portion of any lease.

4.3 All quarter-quarter ( $\frac{1}{4}-\frac{1}{4}$ ) sections of land, no part of which is entitled to be within a Participating Area on the fifth anniversary of the effective date of the initial Participating Area established under this Agreement, shall be eliminated automatically from this Agreement effective as of said fifth anniversary and such lands shall no longer be a part of the Unit Area and shall no longer be subject to this Agreement unless diligent drilling operations are in progress on an exploratory well on said fifth anniversary, in which event such lands shall not be eliminated from the Unit Area for as long as exploratory drilling operations are continued diligently with not more than four (4)

months time elapsing between the completion of one exploratory well and the commencement of the next exploratory well.

4.4 An exploratory well, for the purposes of this Article IV is defined as any well, regardless of surface location, projected for completion in a zone or deposit below any zone or deposit for which a Participating Area has been established and is in effect, or any well, regardless of surface location, projected for completion at a subsurface location under Unitized Lands not entitled to be within a Participating Area.

4.5 In the event an exploratory well is completed during the four (4) months immediately preceding the fifth anniversary of the initial Participating Area established under this Agreement, lands not entitled to be within a Participating Area shall not be eliminated from this Agreement on said fifth anniversary, provided the drilling of another exploratory well is commenced under an approved Plan of Operation within four (4) months after the completion of said well. In such event, the land not entitled to be in participation shall not be eliminated from the Unit Area so long as exploratory drilling operations are continued diligently with not more than four (4) months time elapsing between the completion of one exploratory well and the commencement of the next exploratory well.

4.6 With prior approval of the Supervisor, when warranted, a period of time in excess of four (4) months may be allowed to elapse between the completion of one well and the commencement of the next well without the automatic elimination of nonparticipating acreage.

4.7 Unitized lands proved productive by drilling operations which serve to delay automatic elimination of lands under this Article IV shall be incorporated into a Participating Area (or Areas) in the same manner as such lands would have been incorporated in such areas had such lands been proven productive during the year preceding said fifth anniversary.

4.8 In the event nonparticipating lands are retained under this Agreement after the fifth anniversary of the initial Participating Area as a result of exploratory drilling operations, all quarter-quarter ( $\frac{1}{4}-\frac{1}{4}$ ) blocks of land no part of which is entitled to be within a Participating Area shall be eliminated automatically as of the 121 day, or such later date as may be established by the Supervisor, following the completion of the last well recognized as delaying such automatic elimination beyond the fifth anniversary of the initial Participating Area established under this Agreement.

#### ARTICLE V—UNITIZED LAND AND UNITIZED SUBSTANCES

5.1 All land committed to this Agreement shall constitute land referred to herein as "Unitized Land". All geothermal resources in and produced from any and all formations of the Unitized Land are unitized under the terms of this agreement and herein are called "Unitized Substances."

#### ARTICLE VI—UNIT OPERATOR

6.1 \_\_\_\_\_ is hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties and obligations of Unit Operator for the discovery, development, production, distribution and utilization of Unitized Substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of interest in Unitized Substances, and the term "Working Interest Owner" when used herein shall include or refer to Unit Operator as the owner of a Working Interest when such an interest is owned by it.



ARTICLE VII—RESIGNATION OR REMOVAL OF UNIT OPERATOR

7.1 Prior to the establishment of a Participating Area, hereunder, Unit Operator shall have the right to resign. Such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator or terminate Unit Operators rights, as such, for a period of six (6) months after notice of its intention to resign has been served by Unit Operator on all Working Interest Owners and the Supervisor, nor until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment whichever is required by the Supervisor, unless a new Unit Operator shall have been selected and approved and shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

7.2 After the establishment of a Participating Area hereunder Unit Operator shall have the right to resign in the manner and subject to the limitations provided in 7.1 above.

7.3 The Unit Operator may, upon default or failure in the performance of its duties or obligations hereunder, be subject to removal by the same percentage vote of the owners of Working Interests as herein provided for the selection of a new Unit Operator. Such removal shall be effective upon notice thereof to the Supervisor.

7.4 The resignation or removal of Unit Operator under this Agreement shall not terminate its right, title, or interest as the owner of a Working Interest or other interest in Unitized Substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all wells, equipment, material, and appurtenances used in conducting the unit operations to the new duly qualified successor Unit Operator or, if no such new unit operator is elected, to the common agent appointed to represent the Working Interest Owners in any action taken hereunder to be used for the purpose of conducting operations hereunder.

7.5 In all instances of resignation or removal, until a successor Unit Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be jointly responsible for performance of the duties and obligations of Unit Operator, and shall not later than 30 days before such resignation or removal becomes effective appoint a common agent to represent them in any action to be taken hereunder.

7.6 The resignation of Unit Operator shall not release Unit Operator from any liability for any default by it hereunder occurring prior to the effective date of its resignation.

ARTICLE VIII—SUCCESSOR UNIT OPERATOR

8.1 If, prior to the establishment of a Participating Area hereunder, the Unit Operator shall resign as Operator, or shall be removed as provided in Article VII, a successor Unit Operator may be selected by vote of the owners of a majority of the Working Interests in Unitized Substances, based on their respective shares, on an acreage basis, in the Unitized Land.

8.2 If, after the establishment of a Participating Area hereunder, the Unit Operator shall resign as Unit Operator, or shall be removed as provided in Article VII, a successor Unit Operator may be selected by vote of the owners of a majority of the Working Interests in Unitized Substances, based on their respective shares, on a participating acreage basis. Provided, that, if a majority but less than 60 percent of the Working Interest in the Participating Lands is owned by the party to this agreement, a concurring vote of one or more additional Working Interest Owners owning 10 percent or more of the

Working Interest in the participating land shall be required to select a new Unit Operator.

8.3 The selection of a successor Unit Operator shall not become effective until

(a) The Unit Operator so selected shall accept in writing the duties, obligations and responsibilities of the Unit Operator, and

(b) The selection shall have been approved by the Supervisor.

8.4 If no successor Unit Operator is selected and qualified as herein provided, the Director at his election may declare this Agreement terminated.

ARTICLE IX—ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT

9.1 Costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and apportioned among and borne by the owners of Working Interests; all in accordance with the agreement or agreements entered into by and between the Unit Operator and the owners of Working Interests, whether one or more, separately or collectively.

9.2 Any agreement or agreements entered into between the Working Interest Owners and the Unit Operator as provided in this Article, whether one or more, are herein referred to as the "Unit Operating Agreement".

9.3 The Unit Operating Agreement shall provide the manner in which the Working Interest Owners shall be entitled to receive their respective share of the benefits accruing hereto in conformity with their underlying operating agreements, leases, or other contracts, and such other rights and obligations, as between Unit Operator and the Working Interest Owners.

9.4 Neither the Unit Operating Agreement nor any amendment thereto shall be deemed either to modify any of the terms and conditions of this Agreement or to relieve the Unit Operator of any right or obligation established under this Agreement.

9.5 In case of any inconsistency or conflict between this Agreement and the Unit Operating Agreement, this Agreement shall govern.

9.6 Three true copies of any Unit Operating Agreement executed pursuant to this Article IX shall be filed with the Supervisor prior to approval of this Agreement.

ARTICLE X—RIGHTS AND OBLIGATIONS OF UNIT OPERATOR

10.1 Subject to the consent and approval of a Plan of Operation by the Supervisor, the right, privilege, and duty of exercising any and all rights of the parties hereto which are necessary or convenient for prospecting, producing, distributing and/or utilizing Unitized Substances are hereby delegated to, and shall be exercised by, the Unit Operator as provided in this Agreement.

10.2 Upon request by Unit Operator, acceptable evidence of title to geothermal resources interests in the Unitized Land shall be deposited with the Unit Operator, and together with this Agreement shall constitute and define the rights, privileges, and obligations of Unit Operator.

10.3 Nothing in this Agreement shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that the Unit Operator, in its capacity as Unit Operator shall exercise the rights of possession and use vested in the parties hereto only for the purposes specified in this Agreement.

10.4 The Unit Operator shall take such measures as the Supervisor deems appropriate and adequate to prevent drainage of Unitized Substances from Unitized Land by wells on land not subject to this Agreement.

10.5 The Director is hereby vested with authority to alter or modify from time to time, in his discretion, the rate of prospecting and

development and the quantity and rate of production under this Agreement.

ARTICLE XI—PLAN OF OPERATION

11.1 Concurrently with the submission of this Agreement for approval, Unit Operator shall submit an acceptable Initial Plan of Operation. Said plan shall be as complete and adequate as the Supervisor may determine to be necessary for timely exploration and/or development and to insure proper protection of the environment and conservation of the natural resources of the Unit Area.

11.2 Prior to the expiration of the Initial Plan of Operation, or any subsequent Plan of Operation, Unit Operator shall submit for approval of the Supervisor an acceptable subsequent Plan of Operation for the Unit Area which, when approved by the Supervisor, shall constitute the exploratory and/or development drilling and operating obligations of Unit Operators under this Agreement for the period specified therein.

11.3 Any plan of Operation submitted hereunder shall

(a) Specify the number and locations of any wells to be drilled and the proposed order and time for such drilling, and

(b) To the extent practicable, specify the operating practices regarded as necessary and advisable for proper conservation of natural resources and protection of the environment.

11.4 The Plan of Operation submitted concurrently with this Agreement for approval shall prescribe that within six (6) months after the effective date hereof, the Unit Operator shall begin to drill an adequate test well at a location approved by the Supervisor, unless on such effective date a well is being drilled conformably with the terms, hereof, and thereafter continue such drilling diligently until the ----- formation has been tested or until at a lesser depth unitized substances shall be discovered which can be produced in paying quantities (to wit: Quantities sufficient to repay the costs of drilling, completing, and producing operations, with a reasonable profit) or the Unit Operator shall at any time establish to the satisfaction of the Supervisor that further drilling of said well would be unwarranted or impracticable, provided, however, that Unit Operator shall not in any event be required to drilling said well to a depth in excess of ----- feet. The Initial Plan of Operation and/or subsequent Plans of Operation submitted under this article shall provide that the Unit Operator shall initiate a continuous drilling program providing for drilling of no less than one well at a time, and allowing no more than six (6) months time to elapse between completion of one well and the beginning of the next well, until a well capable of producing Unitized Substances in paying quantities is completed to the satisfaction of the Supervisor or until it is reasonably proved that the Unitized Land is incapable of producing Unitized Substances in paying quantities in the formations drilled under this Agreement.

11.6 When warranted by unforeseen circumstances, the Supervisor may grant a single extension of any or all of the critical dates for exploratory drilling operations cited in the initial or subsequent Plans of Operation. No such extension shall exceed a period of four (4) months for each well, required by the Initial Plan of Operation.

11.7 Until there is actual production of Unitized Substances, the failure of Unit Operator to timely drill any of the wells provided for in Plans of Operation required under this Article XI or to timely submit an acceptable subsequent Plan of Operations, shall, after notice of default or notice of prospective default to Unit Operator by the Supervisor and after failure of Unit Operator



to remedy any actual default within a reasonable time (as determined by the Supervisor), result in automatic termination of this Agreement effective as of the date of the default, as determined by the Supervisor.

11.8 Separate Plans of Operations may be submitted for separate productive zones, subject to the approval of the Supervisor. Also subject to the approval of the Supervisor, Plans of Operation shall be modified or supplemented when necessary to meet changes in conditions or to protect the interest of all parties to this Agreement.

#### ARTICLE XII—PARTICIPATING AREAS

12.1 Prior to the commencement of production of Unitized Substances, the Unit Operator shall submit for approval by the Supervisor a schedule (or schedules) of all land then regarded as reasonably proved to be productive from a pool or deposit discovered or developed; all lands in said schedule (or schedules), on approval of the Supervisor, will constitute a Participating Area (or Areas) effective as of the date production commences or the effective date of this Unit Agreement, whichever is later. Said schedule (or schedules) shall also set forth the percentage of Unitized Substances to be allocated, as herein provided, to each tract in the Participating Area (or Areas) so established and shall govern the allocation of production commencing with the effective date of the Participating Area.

12.2 A separate Participating Area shall be established for each separate pool or deposit of Unitized Substances or for any group thereof which is produced as a single pool or deposit and any two or more Participating Areas so established may be combined into one, on approval of the Supervisor. The effective date of any Participating Area established after the commencement of actual production of Unitized Substances shall be the first of the month in which is obtained the knowledge or information on which the establishment of said Participating Area is predicated provided, however, that a more appropriate effective date may be used if justified by the Unit Operator and approved by the Supervisor.

12.3 Any Participating Area (or Areas) established under 12.1 or 12.2 above shall, subject to the approval of the Supervisor, be revised from time to time to include additional land then regarded as reasonably proved to be productive from the pool or deposit for which the Participating Area was established or to include lands necessary to unit operations, or to exclude land then regarded as reasonably proved not to be productive from the pool or deposit for which the Participating Area was established or to exclude land not necessary to unit operations and the schedule (or schedules) of allocation percentages shall be revised accordingly.

12.4 Subject to the limitation cited in 12.1 hereof, the effective date of any revision of a Participating Area established under Articles 12.1 or 12.2 shall be the first of the month in which is obtained the knowledge or information on which such revision is predicated, provided, however, that a more appropriate effective date may be used if justified by the Unit Operator and approved by the Supervisor.

12.5 No land shall be excluded from a Participating Area on account of depletion of the Unitized Substances, except that any Participating Area established under the provisions of this Article XII shall terminate automatically whenever all operations are abandoned in the pool or deposit for which the Participating Area was established.

12.6 Nothing herein contained shall be construed as requiring any retroactive adjustment for production obtained prior to the effective date of the revision of a Participating Area.

#### ARTICLE XIII—ALLOCATION OF UNITIZED SUBSTANCES

13.1 All Unitized Substances produced from a Participating Area, established under this Agreement, shall be deemed to be produced equally on an acreage basis from the several tracts of Unitized Land within the Participating Area established for such production.

13.2 For the purpose of determining any benefits accruing under this Agreement, each Tract of Unitized Land shall have allocated to it such percentage of said production as the number of acres in the Tract included in the Participating Area bears to the total number of acres of Unitized Land in said Participating Area.

13.3 Allocation of production hereunder for purposes other than for settlement of the royalty obligations of the respective Working Interest Owners, shall be on the basis prescribed in the Unit Operating Agreement whether in conformity with the basis of allocation set forth above or otherwise.

13.4 The Unitized Substances produced from a Participating Area shall be allocated as provided herein regardless of whether any wells are drilled on any particular part or tract of said Participating Area.

#### ARTICLE XIV—RELINQUISHMENT OF LEASES

14.1 Pursuant to the provisions of the Federal leases and 43 CFR 3245.1, a lessee of record shall, subject to the provisions of the Unit Operating Agreement, have the right to relinquish any of its interests in leases committed hereto, in whole or in part; provided, that no relinquishment shall be made of interests in land within a Participating Area without the prior approval of the Director.

14.2 A Working Interest Owner may exercise the right to surrender, when such right is vested in it by any non-Federal lease, sublease, or operating agreement, provided that each party who will or might acquire the Working Interest in such lease by such surrender or by forfeiture is bound by the terms of this Agreement, and further provided that no relinquishment shall be made of such land within a Participating Area without the prior written consent of the non-Federal Lessor.

14.3 If as the result of relinquishment, surrender, or forfeiture the Working Interests become vested in the fee owner or lessor of the Unitized Substances, such owner may:

(1) Accept those Working Interest rights and obligations subject to this Agreement and the Unit Operating Agreement; or

(2) Lease the portion of such land as is included in a Participating Area established hereunder, subject to this Agreement and the Unit Operating Agreement; and provide for the independent operation of any part of such land that is not then included within a Participating Area established hereunder.

14.4 If the fee owner or lessor of the Unitized Substances does not, (1) accept the Working Interest rights and obligations subject to this Agreement and the Unit Operating Agreement, or (2) lease such lands as provided in 14.3 above within six (6) months after the relinquished, surrendered, or forfeited Working Interest becomes vested in said fee owner or lessor, the Working Interest benefits and obligations accruing to such land under this Agreement and the Unit Operating Agreement shall be shared by the owners of the remaining unitized Working Interests in accordance with their respective Working Interest ownerships, and such owners of Working Interests shall compensate the fee owner or lessor of Unitized Substances in such lands by paying sums equal to the rentals, minimum royalties, and royalties applicable to such lands under the lease or leases in effect when the Working Inter-

ests were relinquished, surrendered, or forfeited.

14.5 Subject to the provisions of 14.4 above, an appropriate accounting and settlement shall be made for all benefits accruing to or payments and expenditures made or incurred on behalf of any surrendered or forfeited Working Interest subsequent to the date of surrender or forfeiture, and payment of any moneys found to be owing by such an accounting shall be made as between the parties within thirty (30) days.

14.6 In the event no Unit Operating Agreement is in existence and a mutually acceptable agreement cannot be consummated between the proper parties, the Supervisor may prescribe such reasonable and equitable conditions of agreement as he deems warranted under the circumstances.

14.7 The exercise of any right vested in a Working Interest Owner to reassign such Working Interest to the party from whom obtained shall be subject to the same conditions as set forth in this Article XIV in regard to the exercise of a right to surrender.

#### ARTICLE XV—RENTALS AND MINIMUM ROYALTIES

15.1 Any unitized lease on non-Federal land containing provisions which would terminate such lease unless drilling operations are commenced upon the land covered thereby within the time therein specified or rentals are paid for the privilege of deferring such drilling operations, the rentals required thereby shall, notwithstanding any other provisions of this Agreement, be deemed to accrue as to the portion of the lease not included within a Participating Area and become payable during the term thereof as extended by this Agreement, and until the required drillings are commenced upon the land covered thereby.

15.2 Rentals are payable on Federal leases on or before the anniversary date of each lease year; minimum royalties accrue from the anniversary date of each lease year and are payable at the end of the lease year.

15.3 Beginning with the lease year commencing on or after ----- and for each lease year thereafter, rental or minimum royalty for lands of the United States subject to this Agreement shall be made on the following basis:

(a) An advance annual rental in the amount prescribed in unitized Federal leases, in no event creditable against production royalties, shall be paid for each acre or fraction thereof which is not within a Participating Area.

(b) A minimum royalty shall be charged at the beginning of each lease year (such minimum royalty to be due as of the last day of the lease year and payable within thirty (30) days thereafter) of \$2 an acre or fraction thereof, for all Unitized Acreage within a Participating Area as of the beginning of the lease year. If there is production during the lease year the deficit, if any, between the actual royalty paid and the minimum royalty prescribed herein shall be paid.

15.4 Rental or minimum royalties due on leases committed hereto shall be paid by Working Interest Owners responsible therefor under existing contracts, laws, and regulations, or by the Unit Operator.

15.5 Settlement for royalty interest shall be made by Working Interest Owners responsible therefor under existing contracts, laws, and regulations, or by the Unit Operator, on or before the last day of each month for Unitized Substances produced during the preceding calendar month.

15.6 Royalty due the United States shall be computed as provided in the operating regulations and paid in value as to all Unitized Substances on the basis of the amounts thereof allocated to unitized Federal land



as provided herein at the royalty rate or rates specified in the respective Federal leases.

15.7 Nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental, minimum royalty, or royalty due under their leases.

#### ARTICLE XVI—OPERATIONS ON NONPARTICIPATING LAND

16.1 Any party hereto owning or controlling the Working Interest in any Unitized Land having thereon a regular well location may, with the approval of the Supervisor and at such party's sole risk, costs, and expense, drill a well to test any formation of deposit for which a Participating Area has not been established or to test any formation or deposit for which a Participating Area has been established if such location is not within said Participating Area, unless within 30 days of receipt of notice from said party of his intention to drill the well, the Unit Operator elects and commences to drill such a well in like manner as other wells are drilled by the Unit Operator under this Agreement.

16.2 If any well drilled by a Working Interest Owner other than the Unit Operator proves that the land upon which said well is situated may properly be included in a Participating Area, such Participating Area shall be established or enlarged as provided in this Agreement and the well shall thereafter be operated by the Unit Operator in accordance with the terms of this Agreement and the Unit Operating Agreement.

#### ARTICLE XVII—LEASES AND CONTRACTS CONFORMED AND EXTENDED

17.1 The terms, conditions, and provisions of all leases, subleases, and other contracts relating to exploration, drilling, development, or utilization of geothermal resources on lands committed to this Agreement, are hereby expressly modified and amended only to the extent necessary to make the same conform to the provisions hereof, otherwise said leases, subleases, and contracts shall remain in full force and effect.

17.2 The parties hereto consent that the Secretary shall, by his approval hereof, modify and amend the Federal leases committed hereto and the regulations in respect thereto to the extent necessary to conform said leases and regulations to the provisions of this Agreement.

17.3 The development and/or operation of lands subject to this Agreement under the terms hereof shall be deemed full performance of any obligations for development and operation with respect to each and every separately owned tract subject to this Agreement, regardless of whether there is any development of any particular tract of the Unit Area.

17.4 Drilling and/or producing operations performed hereunder upon any tract of Unitized Lands will be accepted and deemed to be performed upon and for the benefit of each and every tract of Unitized Land.

17.5 Suspension of operations and/or production on all Unitized Lands pursuant to direction or consent of the Secretary or his duly authorized representative shall be deemed to constitute such suspension pursuant to such direction or consent as to each and every tract of Unitized Land. A suspension of operations and/or production limited to specified lands shall be applicable only to such lands.

17.6 Subject to the provisions of Article XV hereof and 17.10 of this Article, each lease, sublease, or contract relating to the exploration, drilling, development, or utilization of geothermal resources of lands other than those of the United States committed to this Agreement, is hereby extended beyond any

such term so provided therein so that it shall be continued for and during the term of this Agreement.

17.7 Subject to the lease renewal and the readjustment provision of the Act, any Federal lease committed hereto may, as to the Unitized Lands, be continued for the term so provided therein, or as extended by law. This subsection shall not operate to extend any lease or portion thereof as to lands excluded from the Unit Area by the contraction thereof.

17.8 Each sublease or contract relating to the operations and development of Unitized Substances from lands of the United States committed to this Agreement shall be continued in force and effect for and during the term of the underlying lease.

17.9 Any Federal lease heretofore or hereafter committed to any such unit plan embracing lands that are in part within and in part outside of the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not committed as of the effective date of unitization.

17.10 Any lease, other than a Federal lease, having only a portion of its land committed hereto shall be segregated as to the portion committed and the portion not committed, and the provisions of such lease shall apply separately to such segregated portions commencing as of the effective date hereof. In the event any such lease provides for a lump-sum rental payment, such payment shall be prorated between the portions so segregated in proportion to the acreage of the respective tracts.

17.11 Upon termination of this Agreement, the leases covered hereby may be maintained and continued in force and effect in accordance with the terms, provisions, and conditions of the Act, the lease or leases, and amendments thereto.

#### ARTICLE XVIII—EFFECTIVE DATE AND TERM

18.1 This Agreement shall become effective upon approval by the Secretary or his duly authorized representative and shall terminate five (5) years from said effective date unless:

(a) Such date of expiration is extended by the Director, or

(b) Unitized Substances are produced or utilized in commercial quantities in which event this Agreement shall continue for so long as Unitized Substances are produced or utilized in commercial quantities, or

(c) This Agreement is terminated prior to the end of said five (5) year period as heretofore provided.

18.2 This Agreement may be terminated at any time by the owners of a majority of the Working Interests, on an acreage basis, with the approval of the Supervisor. Notice of any such approval shall be given by the Unit Operator to all parties hereto.

#### ARTICLE XIX—APPEARANCES

19.1 Unit Operator shall, after notice to other parties affected, have the right to appear for and on behalf of any and all interests affected hereby before the Department of the Interior, and to appeal from decisions, orders or rulings issued under the regulations of said Department, or to apply for relief from any of said regulations or in any proceedings relative to operations before the Department of the Interior or any other legally constituted authority: *Provided, however,* That any interested parties shall also have the right, at its own expenses, to be heard in any such proceeding.

#### ARTICLE XX—NO WAIVER OF CERTAIN RIGHTS

20.1 Nothing contained in this Agreement shall be construed as a waiver by any party hereto of the right to assert any legal or constitutional right or defense pertaining to the

validity or invalidity of any law of the United States, or regulations issued thereunder, in any way affecting such party or as a waiver by any such party of any right beyond his or its authority to waive.

#### ARTICLE XXI—UNAVOIDABLE DELAY

21.1 The obligations imposed by this Agreement requiring Unit Operator to commence or continue drilling or to produce or utilize Unitized Substances from any of the land covered by this Agreement, shall be suspended while, but only so long as, Unit Operator, despite the exercise of due care and diligence, is prevented from complying with such obligations, in whole or in part, by strikes, Acts of God, Federal or other applicable law, Federal or other authorized governmental agencies, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of Unit Operator, whether similar to matters herein enumerated or not.

21.2 No unit obligation which is suspended under this section shall become due less than thirty (30) days after it has been determined that the suspension is no longer applicable.

21.3 Determination of creditable "Unavoidable Delay" time shall be made by the Unit Operator subject to approval of the Supervisor.

#### ARTICLE XXII—POSTPONEMENT OF OBLIGATIONS

22.1 Notwithstanding any other provisions of this Agreement, the Director, on his own initiative or upon appropriate justification by Unit Operator, may postpone any obligation established by and under this Agreement to commence or continue drilling or to operate on or produce Unitized Substances from lands covered by this Agreement when in his judgement, circumstances warrant such action.

#### ARTICLE XXIII—NONDISCRIMINATION

23.1 In connection with the performance of work under this Agreement, the Operator agrees to comply with all of the provisions of section 202 (1) to (7) inclusive, of Executive Order 11246 (30 F.R. 12319), which are hereby incorporated by reference in this Agreement.

#### ARTICLE XXIV—COUNTERPARTS

24.1 This Agreement may be executed in any number of counterparts no one of which needs to be executed by all parties, or may be ratified or consented to by separate instruments in writing specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto, with the same force and effect as if all such parties had signed the same document.

#### ARTICLE XXV—SUBSEQUENT JOINDER

25.1 If the owner of any substantial interest in geothermal resources under a tract within the Unit Area fails or refuses to subscribe or consent to this Agreement, the owner of the Working Interest in that tract may withdraw said tract from this Agreement by written notice delivered to the Supervisor and the Unit Operator prior to the approval of this Agreement by the Supervisor.

25.2 Any geothermal resources interests in lands within the Unit Area not committed hereto prior to approval of this Agreement may thereafter be committed by the owner or owners thereof subscribing or consenting to this Agreement, and, if the interest is a Working Interest, by the owner of such interest also subscribing to the Unit Operating Agreement.

25.3 After operations are commenced hereunder, the right of subsequent joinder, as provided in this Article XXV, by a working



## PROPOSED RULE MAKING

Interest Owner is subject to such requirements or approvals, if any, pertaining to such joinder, as may be provided for in the Unit Operating Agreement. Joinder to the Unit Agreement by a Working Interest Owner, at any time, must be accompanied by appropriate joinder to the Unit Operating Agreement, if more than one committed Working Interest Owner is involved, in order for the interest to be regarded as committed to this Unit Agreement.

25.4 After final approval hereof, joinder by a nonworking interest owner must be consented to in writing by the Working Interest Owner committed hereto and responsible for the payment of any benefits that may accrue hereunder in behalf of such nonworking interest. A nonworking interest may not be committed to this Agreement unless the corresponding Working Interest is committed hereto.

25.5 Except as may otherwise herein be provided, subsequent joinders to this Agreement shall be effective as of the first day of the month following the filing with the Supervisor of duly executed counterparts of all or any papers necessary to establish effective commitment of any tract to this Agreement unless objection to such joinder is duly made within sixty (60) days by the Supervisor.

#### ARTICLE XXVI—COVENANTS RUN WITH THE LAND

26.1 The covenants herein shall be construed to be covenants running with the land with respect to the interest of the parties hereto and their successors in interest until this Agreement terminates, and any grant, transfer, or conveyance, of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee, or other successor in interest.

26.2 No assignment or transfer of any Working Interest or other interest subject hereto shall be binding upon Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, photostatic, or certified copy of the instrument of transfer.

#### ARTICLE XXVII—NOTICES

27.1 All notices, demands or statements required hereunder to be given or rendered to the parties hereto shall be deemed fully given if given in writing and personally delivered to the party or sent by postpaid registered or certified mail, addressed to such party or parties at their respective addresses set forth in connection with the signatures hereto or to the ratification or consent hereof or to such other address as any such party may have furnished in writing to party sending the notice, demand or statement.

#### ARTICLE XXVIII—LOSS OF TITLE

28.1 In the event title to any tract of Unitized Land shall fail and the true owner cannot be induced to join in this Agreement, such tract shall be automatically regarded as not committed hereto and there shall be such readjustment of future costs and benefits as may be required on account of the loss of such title.

28.2 In the event of a dispute as to title as to any royalty, Working Interest, or other interests subject hereto, payment or delivery on account thereof may be withheld without liability for interest until the dispute is finally settled: *Provided*, That, as to Federal land or leases, no payments of funds due the United States shall be withheld, but such funds shall be deposited as directed by the Supervisor to be held as unearned money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

#### ARTICLE XXIX—TAXES

29.1 The Working Interest Owners shall render and pay for their accounts and the accounts of the owners of nonworking interests all valid taxes on or measured by the Unitized Substances in and under or that may be produced, gathered, and sold or utilized from the land subject to this Agreement after the effective date hereof.

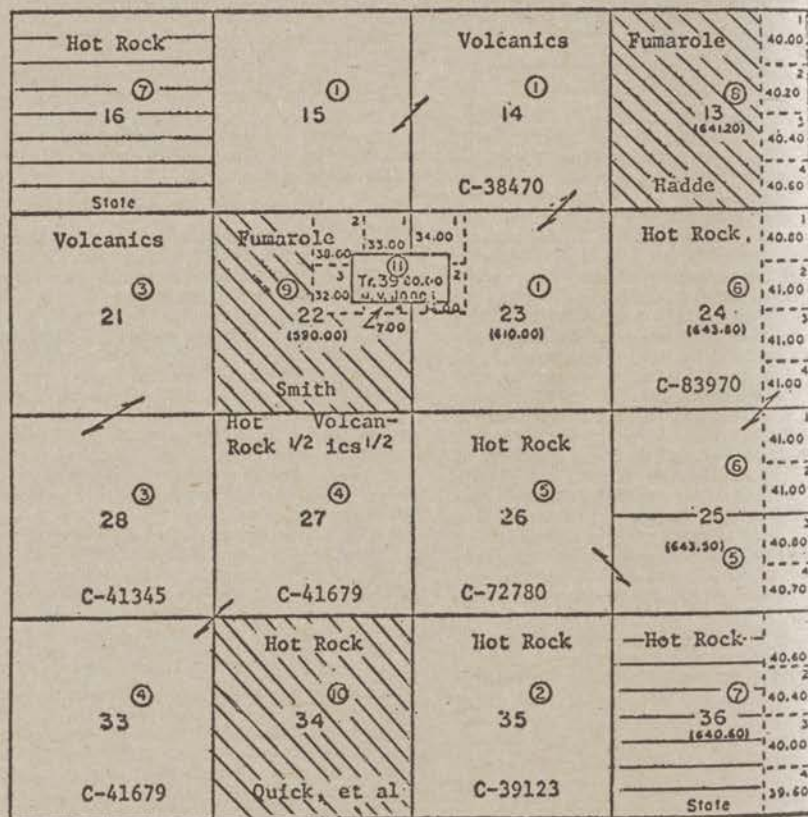
29.2 The Working Interest Owners on each tract may charge a proper proportion of the taxes paid under 29.1 hereof to the owners of nonworking interests in said tract, and may reduce the allocated share of each royalty owner for taxes so paid. No taxes shall be charged to the United States or the State of \_\_\_\_\_ or to any lessor who has a contract with his lessee which requires the lessee to pay such taxes.

#### ARTICLE XXX—RELATION OF PARTIES

30.1 It is expressly agreed that the relation of the parties hereto is that of independent contractors and nothing in this Agreement contained, expressed, or implied, nor any operations conducted hereunder, shall create or be deemed to have created a partnership or association between the parties hereto or any of them.

#### § 271.13 Sample form of Exhibit A of unit agreement.

EXHIBIT A—BIG VAPOR UNIT AREA, T. 13 N., R. 10 W., M.D.M., California R. 1 W.



#### ARTICLE XXXI—SPECIAL FEDERAL LEASE STIPULATIONS AND/OR CONDITIONS

31.1 Nothing in this Agreement shall modify special lease stipulations and/or conditions applicable to lands of the United States. No modification of the conditions necessary to protect the lands or functions of lands under the jurisdiction of any Federal agency is authorized except with prior consent in writing whereby the authorizing official specifies the modification permitted.

In witness whereof, the parties hereto have caused this Agreement to be executed and have set opposite their respective names the date of execution.

Witnesses: \_\_\_\_\_ Unit operator (as unit operator and as working interest owner)

Witnesses: \_\_\_\_\_ By Working Interest Owners:

Witnesses: \_\_\_\_\_ By Other Interest Owners:

Witnesses: \_\_\_\_\_ By \_\_\_\_\_



§ 271.14 Sample Form of Exhibit B of unit agreement.

EXHIBIT B—BIG VAPOR UNIT AREA, NAPA COUNTY, CALIF., T. 13 N., R. 10 W.

Tract No.	Description of land	No. of acres	Serial No. and expiration date of lease	Basic royalty and ownership percentage	Lessee of record	Working interest and percentage
<b>Federal land</b>						
1.	Sec. 14: All. Sec. 15: All. Sec. 23: Lots 1, 2, 8 1/2, NE 1/4, E 1/2 NW 1/4.	1,890.00	38470 July 31, 1982.	United States: All.	Volcanics, Inc.	Volcanics, Inc.: All.
2.	Sec. 35: All.	640.00	39123 July 31, 1982.	do.	D. H. Boiler.	Hot Rock Co.: All.
3.	Sec. 21: All. Sec. 28: All.	1,280.00	41345 July 31, 1982.	do.	C. S. Waters—50% D. F. Mann—50%	Volcanics, Co.: 50% Hot Rock Co.: 50%
4.	Sec. 27: All. Sec. 33: All.	1,280.00	41679	do.	H. C. Pipes.	Fumarole Ltd.: All.
5.	Sec. 29: All. Sec. 35: 8 1/2.	961.50	71278 Sept. 31, 1982.	do.	Hot Rock Co.	Hot Rock Co.: All.
6.	Sec. 24: All. Sec. 25: N 1/4.	965.80	83970 Application.	do.	H. C. Pipes.	Do.
6 Federal tracts 7,017.30 acres or 68.47% of unit area.						
<b>California State land</b>						
7.	Sec. 16: All. Sec. 36: All.	1,280.00	65-67430	State of California: All.	Hot Rock Co.	Hot Rock Co.: All.
1 State tract 1,280.00 acres or 12.49% of unit area.						
<b>Patented land</b>						
8.	Sec. 13: All.	641.20	June 30, 1979.	J. B. Hadde: All.	Fumarole, Ltd.	Fumarole, Ltd.: All.
9.	Sec. 22: Lots 1, 2, 3, 4, S 1/2 NW 1/4.	590.00	Feb. 28, 1981.	J. P. Smith: All.	do.	Do.
10.	Sec. 34: All.	640.00	Mar. 31, 1981.	A. G. Quick: 75% P. T. Land: 25%	Hot Rock Co.	Hot Rock Co.: All.
11.	Tract 39.	80.00	Apr. 30, 1981.	M. V. Jones: All.	Unleased.	M. V. Jones: All.
3 Patented tracts 1,951.20 acres or 19.04% of unit area.						
Total. 11 tracts 10,249.10 acres in entire unit area.						

§ 271.15 Form of collective bond.

COLLECTIVE CORPORATE SURETY

Known all men by these presents, That we, \_\_\_\_\_, signing as Principal, (Name of Unit Operator) \_\_\_\_\_, for and on behalf of the record owners of unitized substances now or hereafter covered by the unit agreement for this \_\_\_\_\_, approved \_\_\_\_\_, (Name of Unit) \_\_\_\_\_, (Date) \_\_\_\_\_, as Surety are (Name and address of Surety) \_\_\_\_\_, jointly and severally held and firmly bound unto the United States of America in the sum of \_\_\_\_\_ Dollars, (Amount of bond) \_\_\_\_\_ lawful money of the United States, for the use and benefit of and to be paid to the United States and any entryman or patentee of any portion of the unitized land, heretofore entered or patented with the reservation of the geothermal resources deposits to the United States, for which payment well and truly to be made, we find ourselves, and each of us, and each of our heirs, executors, administrators, successors, and assigns by these presents.

The condition of the foregoing obligation is such that, whereas the Secretary on \_\_\_\_\_, approved under the provisions (Date) \_\_\_\_\_ of the Geothermal Steam Act of 1970, a unit agreement for the development and operation of the \_\_\_\_\_; (Name of Unit and State) \_\_\_\_\_ and

Whereas said Principal and record owners of unitized substances, pursuant to said unit agreement, have entered into certain covenants and agreements as set forth therein, under which operations are to be conducted; and

Whereas said Principal as Unit Operator has assumed the duties and obligations of

the respective owners of unitized substances as defined in said unit agreement; and

Whereas said Principal and surety agree to remain bound in the full amount of the bond for failure to comply with the terms of the unit agreement, and the payment of rentals, minimum royalties, and royalties due under the Federal leases committed to said unit agreement; and

Whereas the Surety hereby waives any right of notice of and agrees that this bond may remain in force and effect notwithstanding:

(a) Any additions to or change in the ownership of the unitized substances herein described.

(b) Any suspension of the drilling or producing requirements or waiver, suspension or reduction of rental or minimum royalty payments or reduction of royalties pursuant to applicable laws or regulations thereunder; and

Whereas said Principal and Surety agree to the payment of compensatory royalty under the regulations of the Interior Department in lieu of drilling necessary offset wells in the event of drainage; and

Whereas nothing herein contained shall preclude the United States from requiring an additional bond at any time when deemed necessary:

Now, therefore, if the said Principal shall faithfully comply with all of the provisions of the above-identified unit agreement and with the terms of the leases committed thereto, then the above obligation is to be of no effect; otherwise to remain in full force and virtue.

Signed, sealed, and delivered this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, in the presence of:

Witnesses:

\_\_\_\_\_  
(Principal)

\_\_\_\_\_  
(Surety)

§ 271.16 Form of designation of successor unit operator by working interest owners.

Designation of successor Unit Operator  
\_\_\_\_\_, Unit Area, County of \_\_\_\_\_  
State of \_\_\_\_\_, No. \_\_\_\_\_

This indenture, dated as of the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by and between \_\_\_\_\_ hereinafter designated as "First Party," and the owners of unitized working interest, hereinafter designated as "Second Parties,"

Witnesseth: Whereas under the provisions of the Geothermal Steam Act of December 24, 1970, 84 Stat. 1566, the Secretary on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, approved a unit agreement for the \_\_\_\_\_ Unit Area, wherein \_\_\_\_\_ is designated as Unit Operator; and

Whereas said \_\_\_\_\_ has resigned as such Operator; and the designation of a successor Unit Operator is now required pursuant to the terms thereof; and

Whereas First Party has been and hereby is designated by Second Parties as a Unit Operator, and said First Party desires to assume all the rights, duties, and obligations of Unit Operator under the said unit agreement.

Now, therefore, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the \_\_\_\_\_ unit agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Supervisor, of the Geological Survey, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges and Unit Operator, pursuant to the terms and conditions of said unit agreement; said unit agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said unit agreement were expressly set forth in this instrument.

In witness whereof, the parties hereto have executed this instrument as of the date hereinabove set forth.

\_\_\_\_\_  
(First Party)

\_\_\_\_\_  
(Witnesses)

\_\_\_\_\_  
(Second Party)

\_\_\_\_\_  
(Witnesses)

I hereby approve the foregoing indenture designating \_\_\_\_\_ as Unit Operator under the unit agreement for the \_\_\_\_\_ Unit Area, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Supervisor,  
U.S. Geological Survey.

§ 271.17 Form of change in unit operator by assignment.

Change in Unit Operator \_\_\_\_\_ unit Area, County of \_\_\_\_\_, State of \_\_\_\_\_, No. \_\_\_\_\_

This indenture, dated as of the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by and between \_\_\_\_\_ hereinafter designated as "First Party," and \_\_\_\_\_ hereinafter designated as "Second Party."

Witnesseth: Whereas under the provisions of the Geothermal Steam Act of December 24,

<sup>1</sup> Where the designation of a successor Unit Operator is required for any reason other than resignation, such reason shall be substituted for the one stated.



## PROPOSED RULE MAKING

1972, 84 Stat. 1566, the Secretary on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, approved a unit agreement for the \_\_\_\_\_ Unit Area, wherein the First Party is designated as Unit Operator; and

Whereas the First Party desires to transfer, assign, release, and quitclaim, and the Second Party desires to assume all the rights, duties, and obligations of Unit Operator under the unit agreement; and

Whereas for sufficient and valuable consideration, the receipt whereof is hereby acknowledged, the First Party has transferred, conveyed and assigned all his/its rights under certain operating agreements involving lands within the area set forth in said unit agreement unto the Second Party:

Now, therefore, in consideration of the premises hereinbefore set forth, the First Party does hereby transfer, assign, release, and quitclaim unto Second Party all of First Party's rights, duties and obligations as Unit Operator under said unit agreement; and

Second Party hereby accept this assignment and hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of said unit agreement to the full extent set forth in this assignment, effective upon approval of this indenture by the Supervisor of the Geological Survey; said unit agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said unit agreement were expressly set forth in this instrument.

In witness whereof, the parties hereto have executed this instrument as of the date hereinabove set forth.

\_\_\_\_\_  
(First Party)

\_\_\_\_\_  
(Witnesses)

\_\_\_\_\_  
(Second Party)

\_\_\_\_\_  
(Witnesses)

I hereby approve the foregoing indenture designated \_\_\_\_\_ as Unit Operator under the unit agreement for the \_\_\_\_\_ Unit Area, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Supervisor, U.S.  
Geological Survey

[FR Doc.72-6711 Filed 5-2-72;8:45 am]