

III. Regulatory Flexibility Act

The final rule applies only to the Banks, which do not come within the meaning of "small entities," as defined in the Regulatory Flexibility Act (RFA). See 5 U.S.C. 601(6). Therefore, in accordance with section 605(b) of the RFA, *see id.* at 605(b), the Finance Board hereby certifies that this final rule will not have a significant economic impact on a substantial number of small entities.

IV. Paperwork Reduction Act

The final rule does not contain any collections of information pursuant to the Paperwork Reduction Act of 1995. See 44 U.S.C. 3501 *et seq.* Consequently, the Finance Board has not submitted any information to the Office of Management and Budget for review.

List of Subjects in 12 CFR Part 966

Federal home loan banks, Securities.

Accordingly, the Finance Board hereby amends title 12, chapter IX, Code of Federal Regulations as follows:

PART 966—CONSOLIDATED OBLIGATIONS

1. The authority citation for part 966 continues to read as follows:

Authority: 12 U.S.C. 1422a, 1422b, and 1431.

2. Revise § 966.3(a)(2) to read as follows:

§ 966.3 Leverage limit and credit rating requirements.

(a) * * *

(2) The aggregate amount of assets of any Bank may be up to 25 times the total paid-in capital stock, retained earnings, and reserves of that Bank, provided that non-mortgage assets, after deducting the amount of deposits and capital, do not exceed 11 percent of such total assets. For the purposes of this section, the amount of non-mortgage assets equals total assets after deduction of:

- (i) Advances;
- (ii) Acquired member assets, including all United States government-insured or guaranteed whole single-family or multi-family residential mortgage loans;
- (iii) Standby letters of credit;
- (iv) Intermediary derivative contracts;
- (v) Debt or equity investments:

(A) That primarily benefit households having a targeted income level, a significant proportion of which must benefit households with incomes at or below 80 percent of area median income, or areas targeted for redevelopment by local, state, tribal or Federal government (including Federal

Empowerment Zones and Enterprise and Champion Communities), by providing or supporting one or more of the following activities:

- (1) Housing;
- (2) Economic development;
- (3) Community services;
- (4) Permanent jobs; or
- (5) Area revitalization or stabilization;

(B) In the case of mortgage-or asset-backed securities, the acquisition of which would expand liquidity for loans that are not otherwise adequately provided by the private sector and do not have a readily available or well established secondary market; and

(C) That involve one or more members or housing associates in a manner, financial or otherwise, and to a degree to be determined by the Bank;

(vi) Investments in SBICs, where one or more members or housing associates of the Bank also make a material investment in the same activity;

(vii) SBIC debentures, the short term tranche of SBIC securities, or other debentures that are guaranteed by the Small Business Administration under title III of the Small Business Investment Act of 1958, as amended (15 U.S.C. 681 *et seq.*);

(viii) Section 108 Interim Notes and Participation Certificates guaranteed by the Department of Housing and Urban Development under section 108 of the Housing and Community Development Act of 1974, as amended (42 U.S.C. 5308);

(ix) Investments and obligations issued or guaranteed under the Native American Housing Assistance and Self-Determination Act of 1996 (25 U.S.C. 4101 *et seq.*).

(x) Securities representing an interest in pools of mortgages (MBS) issued, guaranteed, or fully insured by the Government National Mortgage Association (Ginnie Mae), the Federal Home Loan Mortgage Corporation (Freddie Mac), or the Federal National Mortgage Association (Fannie Mae), or Collateralized Mortgage Obligations (CMOs), including Real Estate Mortgage Investment Conduits (REMICs), backed by such securities;

(xi) Other MBS, CMOs, and REMICs rated in the highest rating category by a NRSRO;

(xii) Asset-backed securities collateralized by manufactured housing loans or home equity loans and rated in the highest rating category by a NRSRO; and

(xiii) Marketable direct obligations of state or local government units or agencies, rated in one of the two highest rating categories by a NRSRO, where the purchase of such obligations by a Bank provides to the issuer the customized

terms, necessary liquidity, or favorable pricing required to generate needed funding for housing or community development.

* * * * *

Dated: May 8, 2002.

By the Board of Directors of the Federal Housing Finance Board.

John T. Korsmo,

Chairman.

[FR Doc. 02-12637 Filed 5-20-02; 8:45 am]

BILLING CODE 6725-01-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25

[Docket No. NM211; Special Conditions No. 25-200-SC]

Special Conditions: Airbus Industrie, Model A340-500/-600 Airplanes; Ground Loads and Conditions for Center Landing Gear With Four Wheels and Braking Capability

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final special conditions.

SUMMARY: These special conditions are issued for the Airbus Industrie Model A340-500 and -600 airplanes. These airplanes will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. This design feature is associated with the landing gear, in the form of a four-wheeled center landing gear, installed under the fuselage, which functions like a main landing gear in all respects, including the ability to brake. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These proposed special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

EFFECTIVE DATE: May 10, 2002.

FOR FURTHER INFORMATION CONTACT: Tim Backman, FAA, ANM-116, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; telephone (425) 227-2797; facsimile (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Background

On November 14, 1996, Airbus Industrie applied for an amendment to

U.S. type certificate (TC) A43NM to include the new models A340-500 and -600. These models are derivatives of the A340-300, which is approved under the same TC.

The Model A340-500 fuselage is a 6-frame stretch of the Model A340-300 and is powered by 4 Rolls Royce Trent 553 engines, each rated at 53,000 pounds of thrust. The airplane has interior seating arrangements for up to 375 passengers, with a maximum takeoff weight (MTOW) of 820,000 pounds. The Model 340-500 is intended for long-range operations and has additional fuel capacity over that of the Model A340-600.

The Model A340-600 fuselage is a 20-frame stretch of the Model A340-300 and is powered by 4 Rolls Royce Trent 556 engines, each rated at 56,000 pounds of thrust. The airplane has interior seating arrangements for up to 440 passengers, with a MTOW of 804,500 pounds.

Type Certification Basis

Under the provisions of 14 CFR 21.101, Airbus Industrie must show that the Model A340-500 and -600 airplanes meet the applicable provisions of the regulations incorporated by reference in TC A43NM or the applicable regulations in effect on the date of application for the change to the type certificate. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." The regulations incorporated by reference in TC A43NM are 14 CFR part 25 effective February 1, 1965, including Amendments 25-1 through 25-63 and Amendments 25-64, 25-65, 25-66, and 25-77, with certain exceptions that are not relevant to these proposed special conditions.

In addition, if the regulations incorporated by reference do not provide adequate standards with respect to the change, the applicant must comply with certain regulations in effect on the date of application for the change. The FAA has determined that the Model A340-500 and -600 airplanes must be shown to comply with Amendments 25-1 through 25-91, with certain FAA-allowed reversions for specific part 25 regulations to the part 25 amendment levels of the original type certification basis.

Airbus has also chosen to comply with part 25 as amended by Amendments 25-92, -93, -94, -95, -97, -98, and -104.

If the Administrator finds that the applicable airworthiness regulations (i.e., 14 CFR part 25) do not contain adequate or appropriate safety standards for the Airbus Industrie Model A340-

500 and -600 airplanes because of a novel or unusual design feature, special conditions are prescribed under the provisions of 14 CFR 21.16.

In addition to the applicable airworthiness regulations and special conditions, the Airbus Industrie Model A340-500 and -600 airplanes must comply with the fuel vent and exhaust emission requirements of 14 CFR part 34 and the noise certification requirements of 14 CFR part 36.

Special conditions, as defined in 14 CFR 11.19, are issued in accordance with § 11.38 and become part of the type certification basis in accordance with 14 CFR 21.101(b)(2).

Special conditions are initially applicable to the model for which they are issued. Should the type certificate for that model be amended later to include any other model that incorporates the same novel or unusual design feature, or should any other model already included on the same type certificate be modified to incorporate the same novel or unusual design feature, the special conditions would also apply to the other model under the provisions of 14 CFR 21.101(a)(1).

Novel or Unusual Design Features

The Airbus Model A340-500 and -600 airplanes will incorporate the following novel or unusual design feature: a four-wheel center landing gear with braking ability.

Discussion

The basic A340 included a two-wheel center landing gear which did not have brakes. The purpose of the center landing gear was to assist the main landing gear during ground handling conditions for heavy airplane weights. This center landing gear was not intended for energy absorption during landing, even if it could participate in the impact under certain conditions. Therefore, to provide additional taxi, takeoff, and landing criteria for this arrangement, Special Conditions 25-ANM-69 were issued.

The Model A340-500 and -600 airplanes have a four-wheel center landing gear which functions in all respects like a main landing gear, including braking capabilities. Because the speeds and weights of the Model A340-500 and -600 airplanes are greater than that of the basic A340, redesign of the center landing gear was necessary. As a result, the current rules, applying to the original two-wheel center landing gear, are inadequate.

Discussion of Comments

Notice of proposed special conditions No. 25-02-03-SC for the Airbus Industrie Model A340-500 and -600 airplanes was published in the **Federal Register** on March 20, 2002 (67 FR 12903). No comments were received, and the special conditions are adopted as proposed.

Applicability

As discussed above, these special conditions are applicable to the Airbus Model A340-500 and -600 airplanes. Should Airbus Industries apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design feature, the special conditions would apply to that model as well under the provisions of § 21.101(a)(1).

Under standard practice, the effective date of final special conditions would be 30 days after the date of publication in the **Federal Register**; however, as the certification date for the Airbus Model A340-500 and A340-600 airplanes is imminent, the FAA finds that good cause exists to make these special conditions effective upon issuance.

Conclusion

This action affects only certain novel or unusual design features of the center landing gear on the Model A340-500 and A340-600 airplanes. It is not a rule of general applicability, and it affects only the applicant who applied to the FAA for approval of these features on the airplane.

List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these special conditions is as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the type certification basis for Airbus Model A340-500 and A340-600 airplanes.

The following special conditions are issued in lieu of the previously issued special conditions, "Ground Load Conditions for Center Landing Gear," recorded as item 10 of Special Conditions: Airbus Industrie Model A340 Series Airplanes [Docket No. NM-75, Special Conditions No. 25-ANM-69]:

1. *Ground Load Conditions for Center Landing Gear.* Notwithstanding § 25.477, the requirements of § 25.473

and §§ 25.479 through 25.485 apply, except as noted:

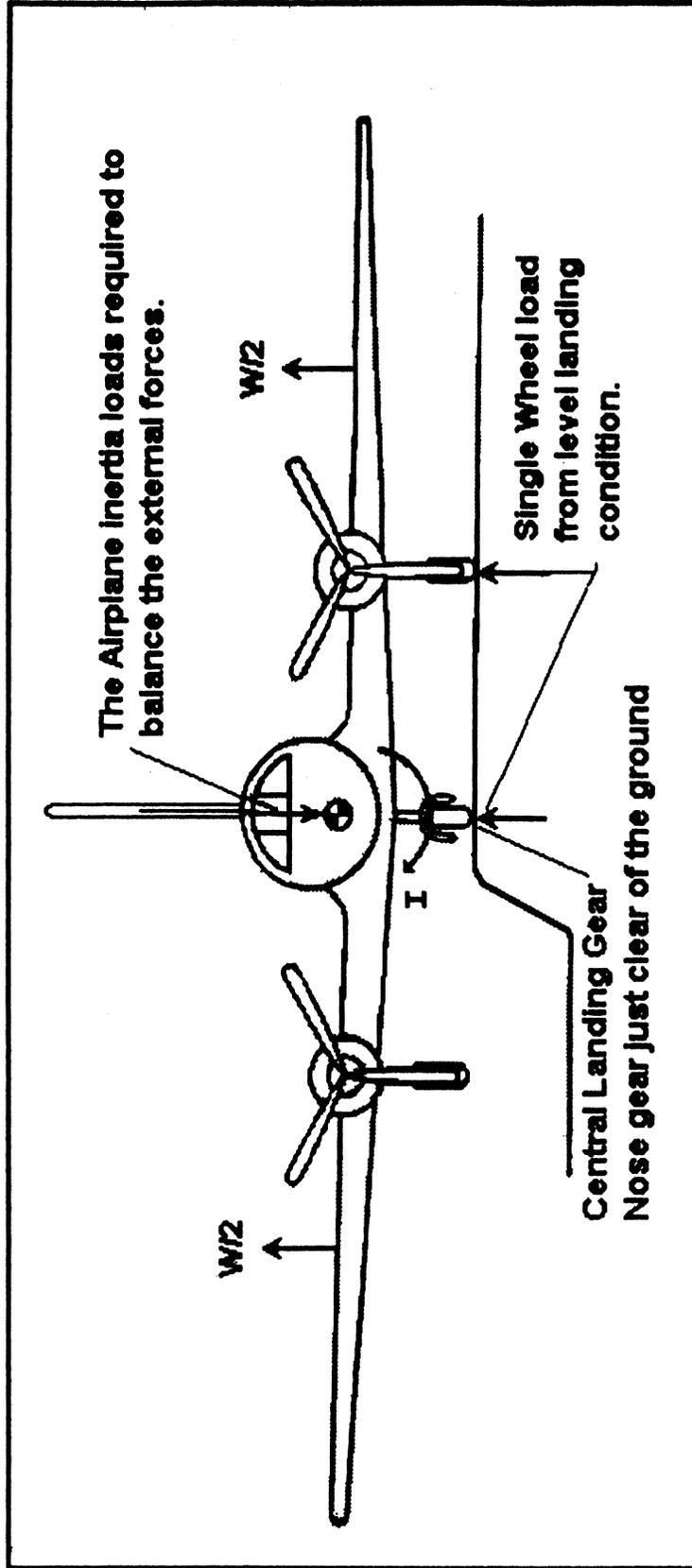
(a) In addition to the requirements of § 25.473, "Landing load conditions and assumptions," and § 25.479, "Level landing conditions," landing should be considered on a level runway and on a

runway having a convex upward shape that may be approximated by a slope of 1.5 percent at main landing gear stations. The maximum loads determined from these two conditions must be applied to each main landing gear and to the center landing gear.

(b) In addition to the requirements of § 25.483, "One gear landing conditions," the condition represented by Figure 1 also applies:

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Figure 1. Center gear landing Condition



(c) In lieu of the requirements of § 25.485, "Side load conditions," the following apply:

(1) The airplane is considered to be in the level attitude with only the main and center wheels contacting the ground.

(2) Vertical reactions of one-half of the maximum vertical reaction obtained at each main and center gear in the level landing conditions should be considered. The vertical loads must be combined with side loads as follows: for the main gear, 0.8 of the vertical reaction (on one side) acting inward and 0.6 of the vertical reaction (on the other side) acting outward; for the center gear, 0.7 of the vertical reaction acting in the same direction as main gear side loads.

These loads are assumed to be applied at the ground contact point and to be resisted by the inertia of the airplane. The drag loads may be assumed to be zero.

(d) In addition to § 25.489, "Ground handling conditions," the airplane should be considered to be on a level runway and on a runway having a convex upward shape that may be approximated by a slope of 1.5 percent at main landing gear stations. The ground reactions must be distributed to the individual landing gear units in a rational or conservative manner.

(e) In addition to the requirements of § 25.493(d), "Braked roll conditions," the sudden application of maximum braking effort must be defined taking

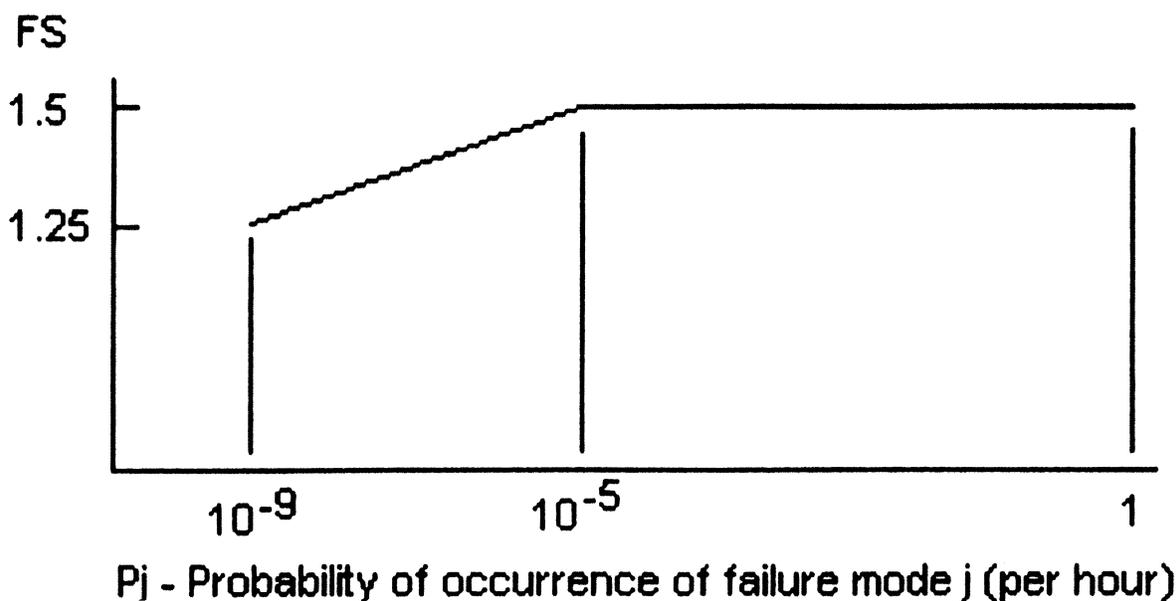
into account the behavior of the braking system. Failure conditions of the braking system not shown to be extremely improbable must be analyzed in accordance with the following criteria:

(1) At the time of occurrence. A realistic scenario, including pilot corrective actions, must be established to determine the loads occurring at the time of failure and immediately after failure.

(i) For static strength substantiation, these loads multiplied by an appropriate factor of safety that is related to the probability of occurrence of the failure are ultimate loads to be considered for design. The factor of safety (F.S.) is defined in Figure 2 as follows:

Figure 2

Factor of safety at the time of occurrence



(ii) For residual strength substantiation, the airplane must be able to withstand two thirds of the ultimate loads defined in paragraph (e)(1)(i).

(iii) Failures of the system that result in forced structural vibrations (oscillatory failures) must not produce loads that could result in detrimental deformation of primary structure.

(2) Consideration of certain failure conditions may be required by other sections of part 25, regardless of calculated system reliability. Where

analysis shows the probability of these failure conditions to be less than 10^{-9} , criteria other than those specified in this paragraph may be used for structural substantiation to show continued safe flight and landing.

(3) Warning considerations. For system failure detection and warning, the system must be checked for failure conditions, not extremely improbable, that degrade the structural capability below the level required by part 25 or significantly reduce the reliability of the

remaining system. The flightcrew must be made aware of these failures before flight. Certain elements of the control system, such as mechanical and hydraulic components, may use special periodic inspections, and electronic components may use daily checks, in lieu of warning systems to achieve the objective of this requirement. These certification maintenance requirements must be limited to components that are not readily detectable by normal warning systems and where service

history shows that inspections will provide an adequate level of safety.

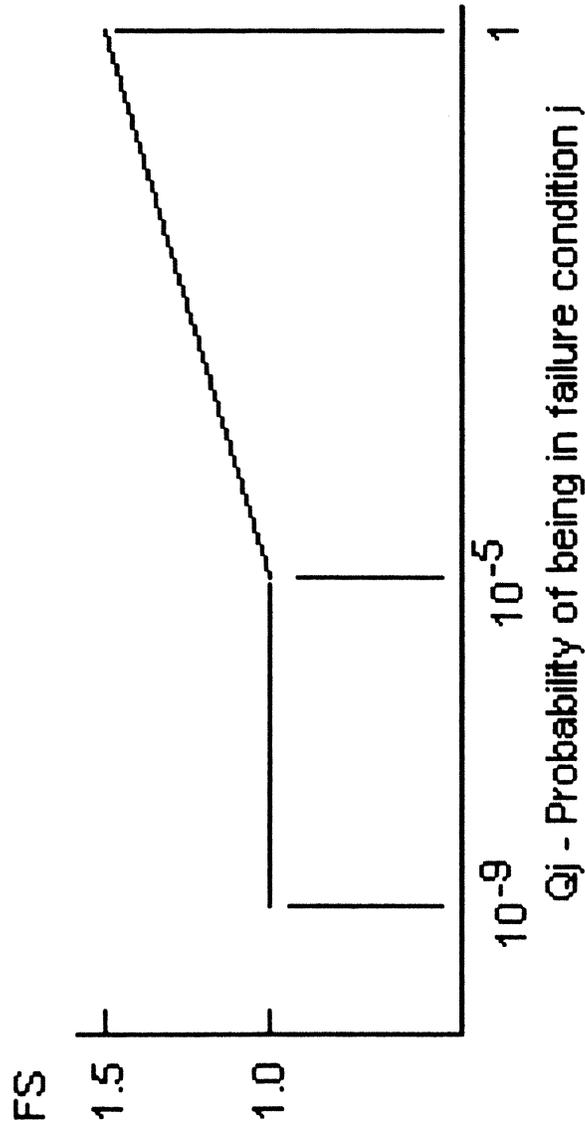
(4) Dispatch with known failure conditions. If the airplane is to be dispatched in a known system failure condition that affects structural performance, or affects the reliability of the remaining system to maintain structural performance, then the provisions of these special conditions

must be met for the dispatched condition and for subsequent failures. Flight limitations and expected operational limitations may be taken into account in establishing Q_j as the combined probability of being in the dispatched failure condition and the subsequent failure condition for the safety margins in Figure 3. These

limitations must be such that the probability of being in this combined failure state and then subsequently encountering limit load conditions is extremely improbable. No reduction in these safety margins is allowed if the subsequent system failure rate is greater than 10^{-3} per hour. Figure 3 follows:

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Figure 3
Factor of safety for continuation of flight



$Q_j = (T_j)(P_j)$ where:

T_j = Average time spent in failure condition j (in hours).

P_j = Probability of occurrence of failure mode j (per hour).

(f) In lieu of the requirements of § 25.495, "Turning," the following apply:

(1) The airplane is assumed to execute a steady turn by nose gear steering, or by application of sufficient differential power, so that the limit load factors applied at the center of gravity are 1.0 vertically and 0.5 laterally.

(2) The airplane must be designed for the condition prescribed in paragraph (f)(1), taking into account:

(i) The effects of tire characteristics on the sharing of lateral loads on each tire of the landing gear system, and

(ii) The effect of airframe and landing gear flexibility on the sharing of loads on the different legs of the landing gear system.

(g) In lieu of the requirements of § 25.503, "Pivoting," the following apply:

(1) The main and center gear units and supporting structure must be designed for the scrubbing or torsion loads, or both, induced by pivoting during ground maneuvers produced by:

(i) Towing at the nose gear, no brakes applied, and

(ii) Application of symmetrical or unsymmetrical forward thrust to aid pivoting and with or without braking by pilot action on the pedals.

(2) The airplane is assumed to be in static equilibrium, with the loads being applied at the ground contact points.

(3) The limit vertical load factor must be 1.0, and:

(i) For wheels with locked brakes applied by pilot action on the pedals, the coefficient of friction must be 0.8.

(ii) For wheels with brakes not applied, the ground tire reactions must be based on reliable tire data.

(4) The failure conditions must be analyzed in accordance with paragraph (e) of these Special Conditions.

(h) In lieu of paragraph (b) of § 25.723 "Shock absorption tests," the center landing gear should not fail in a test demonstrating its reserve energy absorption capacity at design landing weight, assuming airplane lift no greater than the airplane weight acting during a 12-feet-per-second airplane landing impact, taking into account both main and center gear acting during the impact. Landing should be considered on a level runway or a runway having a convex upward shape that may be approximated by a slope of 1.5 percent with the horizontal at main landing gear stations, whichever is the most critical.

Issued in Renton, Washington, on May 10, 2002.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 02-12608 Filed 5-20-02; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF THE TREASURY

Customs Service

19 CFR Part 122

[T. D. 02-27]

New User Fee Airport

AGENCY: Customs Service, Department of the Treasury.

ACTION: Final rule.

SUMMARY: This document amends the Customs Regulations to reflect the establishment of a new user fee airport in Dallas, Texas. A user fee airport is one which, while not qualifying for designation as an international or landing rights airport, has been approved by the Commissioner of Customs to receive, for a fee, the services of a Customs officer for the processing of aircraft entering the United States and their passengers and cargo.

EFFECTIVE DATE: May 21, 2002.

FOR FURTHER INFORMATION CONTACT: Nancy Bruner, Mission Support, Office of Field Operations, (202) 927-2290.

SUPPLEMENTARY INFORMATION:

Background

Part 122, Customs Regulations (19 CFR part 122), sets forth regulations that are applicable to all international air commerce relating to the entry and clearance of aircraft and the transportation of persons and cargo by aircraft.

Under § 1644a, Title 19, United States Code (19 U.S.C. 1644a), the Secretary of the Treasury is authorized to designate places in the United States as ports of entry for civil aircraft arriving from any place outside of the United States, and for merchandise carried on the aircraft. These airports are referred to as international airports, and the location and name of each are listed in § 122.13, Customs Regulations (19 CFR 122.13). In accordance with § 122.33, Customs Regulations (19 CFR 122.33), the first landing of every civil aircraft entering the United States from a foreign area must be at one of these international airports, unless the aircraft has been specifically exempted from this requirement or permission to land

elsewhere has been granted. Customs officers are assigned to all international airports to accept entries of merchandise, collect duties and enforce the customs laws and regulations.

Other than making an emergency or forced landing, if a civil aircraft desires to land at an airport not designated by Customs as an international airport, the pilot may request permission to land at a specific airport. If permission is granted, Customs will assign personnel to that airport for the aircraft. The airport where the aircraft is permitted to land is called a landing rights airport (19 CFR 122.14).

Section 236 of Pub. L. 98-573 (the Trade and Tariff Act of 1984), codified at 19 U.S.C. 58b, created an option for civil aircraft desiring to land at an airport other than an international or landing rights airport. A civil aircraft arriving from a place outside of the United States may ask Customs for permission to land at an airport designated by the Secretary of the Treasury as a user fee airport.

Pursuant to 19 U.S.C. 58b, an airport may be designated as a user fee airport if the Secretary of the Treasury determines that the volume of Customs business at the airport is insufficient to justify the availability of Customs services at the airport and the governor of the state in which the airport is located approves the designation. Generally, the type of airport that would seek designation as a user fee airport would be one at which a company, such as an air courier service, has a specialized interest in regularly landing.

As the volume of business anticipated at this type of airport is insufficient to justify its designation as an international or landing rights airport, the availability of Customs services is not paid for out of the Customs appropriations from the general treasury of the United States. Instead, the services of Customs officers are provided on a fully reimbursable basis to be paid for by the user fee airport on behalf of the recipients of the services.

The fees which are to be charged at user fee airports, according to the statute, shall be paid by each person using the Customs services at the airport and shall be in the amount equal to the expenses incurred by the Secretary of the Treasury in providing Customs services which are rendered to such person at such airport, including the salary and expenses of those employed by the Secretary of the Treasury to provide the Customs services. To implement this provision, generally, the airport seeking the designation as a user fee airport of that airport's authority agrees to pay Customs a flat fee annually