

Proposed Rules

Federal Register

Vol. 64, No. 150

Thursday, August 5, 1999

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service

7 CFR Part 932

[Docket No. FV99-932-610 REVIEW]

California Olives; Section 610 Review

AGENCY: Agricultural Marketing Service, USDA.

ACTION: Notice of review and request for comments.

SUMMARY: This action announces the Agricultural Marketing Service (AMS) review of Marketing Order 932 for olives grown in California, under the criteria contained in section 610 of the Regulatory Flexibility Act (RFA).

DATES: Written comments on this notice must be received by October 4, 1999.

ADDRESSES: Interested persons are invited to submit written comments concerning this notice of review. Comments must be sent to the Docket Clerk, Fruit and Vegetable Programs, AMS, USDA, Room 2525-S, Box 96456, Washington, DC 20090-6456; Fax: (202) 720-5698; or E-mail:

moab.docketclerk@usda.gov. All comments should reference the docket number and the date and page number of this issue of the **Federal Register** and will be made available for public inspection in the Office of the Docket Clerk during regular business hours.

FOR FURTHER INFORMATION CONTACT: Kurt Kimmel, Regional Manager, California Marketing Field Office, Marketing Order Administration Branch, Fruit and Vegetable Programs, AMS, USDA, 2202 Monterey Street, Suite 102B, Fresno, California 93721; telephone: (209) 487-5901; Fax: (209) 487-5906; E-mail: Kurt.Kimmel@usda.gov; or George Kelhart, Marketing Order Administration Branch, Fruit and Vegetable Programs, AMS, USDA, room 2525-S, PO Box 96456, Washington, DC 20090-6456; telephone: (202) 720-2491; Fax: (202) 720-5698; E-mail: George.Kelhart@usda.gov.

SUPPLEMENTARY INFORMATION: Marketing Order No. 932, as amended (7 CFR Part 932), regulates the handling of olives grown in California. The marketing order is effective under the Agricultural Marketing Agreement Act of 1937 (AMAA), as amended (7 U.S.C. 601-674).

AMS published in the **Federal Register** (63 FR 8014; February 18, 1999), its plan to review certain regulations, including Marketing Order No. 932, under criteria contained in section 610 of the Regulatory Flexibility Act (RFA; 5 U.S.C. 601-612). Because many AMS regulations impact small entities, AMS decided, as a matter of policy, to review certain regulations which, although they may not meet the threshold requirement under section 610 of the RFA, warrant review. The February 18 notice stated that AMS would list the regulations to be reviewed in AMS' regulatory agenda which is published in the **Federal Register** as part of the Unified Agenda. However, after further consideration, AMS has decided to announce the reviews in the **Federal Register** separate from the Unified Agenda. Accordingly, this notice and request for comments is made for California olives.

The purpose of the review will be to determine whether the California marketing order for olives should be continued without change, amended, or rescinded (consistent with the objectives of the AMAA) to minimize the impacts on small entities. In conducting this review, AMS will consider the following factors: (1) The continued need for the marketing order; (2) the nature of complaints or comments received from the public concerning the marketing order; (3) the complexity of the marketing order; (4) the extent to which the marketing order overlaps, duplicates, or conflicts with other Federal rules, and, to the extent feasible, with State and local governmental rules; and (5) the length of time since the marketing order has been evaluated or the degree to which technology, economic conditions, or other factors have changed in the area affected by the marketing order.

Written comments, views, opinions, and other information regarding the olive marketing order's impact on small businesses are invited.

Dated: July 27, 1999.

Robert C. Keeney,
Deputy Administrator, Fruit and Vegetable Programs.

[FR Doc. 99-20169 Filed 8-4-99; 8:45 am]

BILLING CODE 3410-02-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 99-NE-36-AD]

RIN 2120-AA64

Airworthiness Directives; AlliedSignal Inc. ALF502R and LF507 Series Turbofan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This proposal would require revisions to Chapter 5, Airworthiness Limitations section, of the AlliedSignal Inc. ALF502R and LF507 series Engine Manuals to include required enhanced inspection of selected critical life-limited parts at each piece-part exposure. This proposal would also require an air carrier's approved continuous airworthiness maintenance program to incorporate these inspection procedures. Air carriers with an approved continuous airworthiness maintenance program would be allowed to either maintain the records showing the current status of the inspections using the record keeping system specified in the air carrier's maintenance manual, or establish an acceptable alternate method of record keeping. This proposal is prompted by a Federal Aviation Administration (FAA) study of in-service events involving uncontained failures of critical rotating engine parts that indicated the need for improved inspections. The improved inspections are needed to identify those critical rotating parts with conditions, which if allowed to continue in service, could result in uncontained failures. The actions specified by this proposed AD are intended to prevent critical life-limited rotating engine part failure, which could result in an uncontained engine failure and damage to the airplane.

DATES: Comments must be received by November 3, 1999.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-NE-36-AD, 12 New England Executive Park, Burlington, MA 01803-5299. Comments may also be sent via the Internet using the following address: "9-ane-adcomment@faa.gov". Comments sent via the Internet must contain the docket number in the subject line. Comments may be inspected at this location between 8:00 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Raymond Vakili, Aerospace Engineer Los Angeles Aircraft Certification Office, FAA, Transport Airplane Directorate, 3960 Paramount Blvd., Lakewood, CA 90712-4137; telephone (562) 627-5262, fax (562) 627-5210.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications should identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this notice may be changed in light of the comments received.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 99-NE-36-AD." The postcard will be date stamped and returned to the commenter.

Availability of NPRMs

Any person may obtain a copy of this NPRM by submitting a request to the

FAA, New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-NE-36-AD, 12 New England Executive Park, Burlington, MA 01803-5299.

Discussion

A recent Federal Aviation Administration (FAA) study analyzing 15 years of accident data for transport category airplanes identified several failure mode root causes that can result in serious safety hazards to transport category airplanes. This study identified uncontained failure of critical life-limited rotating engine parts as the leading engine-related safety hazard to airplanes. Uncontained engine failures have resulted from undetected cracks in rotating parts that initiated and propagated to failure. Cracks can originate from causes such as unintended excessive stress from the original design, or they may initiate from stresses induced from material flaws, handling damage, or damage from machining operations. The failure of rotating parts can present a significant safety hazard to the airplanes by release of high energy fragments that could injure passengers or crew by penetration of the cabin, damage flight control surfaces, sever flammable fluid lines, or otherwise compromise the airworthiness of the airplane.

Accordingly, the FAA has developed an intervention strategy to significantly reduce uncontained engine failures. This intervention strategy was developed after consultation with industry and will be used as a model for future initiatives. This intervention strategy is to conduct enhanced, nondestructive inspections of fan disks which could most likely result in a safety hazard to the airplane in the event of a disk fracture. The FAA is also considering the need for additional rule making. Future ADs may be issued introducing additional intervention strategies to further reduce or eliminate uncontained engine failures.

Properly focused enhanced inspections require identification of the parts whose failure presents the highest safety hazard to the airplane, identifying the most critical features to inspect on these parts, and utilizing inspection procedures and techniques that improve crack detection. The FAA, with close cooperation of the engine manufacturers, has completed a detailed analysis that identifies the most safety significant parts and features, and the most appropriate inspection methods.

Critical life-limited high-energy rotating parts are currently subject to some form of recommended crack inspection when exposed during engine

maintenance or disassembly. As a result of this AD, the inspections currently recommended by the manufacturer will become mandatory for those parts listed in the compliance section. Furthermore, the FAA intends that additional mandatory enhanced inspections resulting from this AD serve as an adjunct to the existing inspections. The FAA has determined that the enhanced inspections will significantly improve the probability of crack detection while the parts are disassembled during maintenance. All mandatory inspections must be conducted in accordance with detailed inspection procedures prescribed in the manufacturer's Engine Manuals.

Additionally, this AD allows for air carriers operating under the provisions of 14 CFR part 121 with an FAA-approved continuous airworthiness maintenance program, and entities with whom those air carriers make arrangements to perform this maintenance, to verify performance of the enhanced inspections by retaining the maintenance records that include the inspections resulting from this AD, provided that the records include the date and signature of the person performing the maintenance action. These records must be retained with the maintenance records of the part, engine module, or engine until the task is repeated. This will establish a method of record preservation and retrieval typical to those in existing continuous airworthiness maintenance programs. Instructions must be included in an air carrier's maintenance manual providing procedures on how this record preservation and retrieval system will be implemented and integrated into the air carrier's record keeping system.

This proposal would require, within the next 30 days after the effective date of this AD, revisions to Chapter 5, Airworthiness Limitations section, of the AlliedSignal Inc. ALF502R and LF507 series Engine Manuals and, for air carriers, the approved continuous airworthiness maintenance program. AlliedSignal Inc., the manufacturer of ALF502R and LF507 series turbofan engines, used on 14 CFR part 25 airplanes, has provided the FAA with a detailed proposal that identifies and prioritizes the critical life-limited rotating engine parts with the highest potential to hazard the airplane in the event of failure, along with instructions for enhanced, focused inspection methods. The enhanced inspections resulting from this AD will be conducted at piece-part opportunity, as defined below in the compliance section, rather than specific time inspection intervals.

The FAA estimates that 200 engines installed on airplanes of US registry would be affected by this proposed AD, that it would take approximately 56 work hours per engine to accomplish the proposed actions. The average labor rate is \$60 per work hour. Based on these figures, the total cost impact of the proposed AD on US operators is estimated to be \$672,000.

The regulations proposed herein would not have substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, in accordance with Executive Order 12612, it is determined that this proposal would not have sufficient federalism implications to warrant the preparation of a Federalism Assessment.

For the reasons discussed above, I certify that this proposed regulation (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) if promulgated, will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. A copy of the draft regulatory evaluation prepared for this action is contained in the Rules Docket.

A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption ADDRESSES.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

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

§ 39.13 [Amended]

2. Section 39.13 is amended by adding the following new airworthiness directive:

AlliedSignal Inc.: Docket 99-NE-36-AD.

Applicability: AlliedSignal Inc. (formerly Textron Lycoming and Avco Lycoming) ALF502R and LF507 series turbofan engines, installed on but not limited to British Aerospace BAe 146-100A, BAe 146-200A, BAe 146-300A, AVRO 146-RJ70A, AVRO 146-RJ85A, and AVRO 146-100A series airplanes.

Note 1: This airworthiness directive (AD) applies to each engine identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For engines that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (c) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated, unless accomplished previously. To prevent critical life-limited rotating engine part failure, which could result in an uncontained engine failure and damage to the airplane, accomplish the following:

(a) Within the next 30 days after the effective date of this AD, revise Chapter 5, e Airworthiness Limitations section, of the AlliedSignal Inc. ALF502R and LF507 Engine Manuals, and for air carrier operations revise the approved continuous airworthiness maintenance program, by adding the following:

"Chapter 5, Airworthiness Limitations Section, Mandatory Inspections:

(1) Perform inspections of the following parts at each piece-part opportunity in accordance with the instructions provided in the applicable manual provisions:

Part nomenclature	Part number (P/N)	Inspect per engine manual chapter
For ALF502R series turbofan engines:		
Fan Disc	All	72-31-07 Inspection/Check.
First Turbine Disc	All	72-51-12 Inspection/Check.
Second Turbine Disc	All	72-51-21 Inspection/Check.
Impeller	All	72-34-38 Inspection/Check.
Low Pressure Turbine Shaft:		
(Third Turbine)	All	72-52-03 Inspection/Check.
Fourth Turbine Disc	All	72-52-06 Inspection/Check.
For LF507 series turbofan engines:		
Fan Disc	All	72-31-08 Inspection/Check.
First Turbine Disc	All	72-51-11 Inspection/Check.
Second Turbine Disc	All	72-51-20 Inspection/Check.
Impeller	All	72-34-20 Inspection/Check.
Low Pressure Turbine Shaft:		
(Third Turbine)	All	72-52-24 Inspection/Check.
Fourth Turbine Disc	All	72-52-03 Inspection/Check.

(2) For the purposes of these mandatory inspections, piece-part opportunity means:

- (i) The part is completely disassembled when done in accordance with the disassembly instructions in the engine manufacturer's Engine Manual; and
- (ii) The part has accumulated more than 100 cycles in service since the last piece-part opportunity inspection, provided that the part was not damaged or related to the cause for its removal from the engine."

(b) Except as provided in paragraph (c) of this AD, and notwithstanding contrary provisions in section 43.16 of the Federal

Aviation Regulations (14 CFR 43.16), these mandatory inspections shall be performed only in accordance with Chapter 5, Airworthiness Limitations section, of the AlliedSignal Inc. ALF502R and LF507 Engine Manuals.

(c) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Los Angeles Aircraft Certification Office. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector (PMI), who may add comments and

then send it to the Manager, Los Angeles Aircraft Certification Office.

Note 2: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Los Angeles Aircraft Certification Office.

(d) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

(e) FAA-certificated air carriers that have an approved continuous airworthiness maintenance program in accordance with the record keeping requirement of § 121.369 (c) of the Federal Aviation Regulations [14 CFR 121.369 (c)] of this chapter must maintain records of the mandatory inspections that result from revising the Engine Manual's Chapter 5, Airworthiness Limitations section, and the air carrier's continuous airworthiness program. Alternately, certificated air carriers may establish an approved system of record retention that provides a method for preservation and retrieval of the maintenance records that include the inspections resulting from this AD, and include the policy and procedures for implementing this alternate method in the air carrier's maintenance manual required by § 121.369 (c) of the Federal Aviation Regulations [14 CFR 121.369 (c)]; however, the alternate system must be accepted by the appropriate PMI and require the maintenance records be maintained either indefinitely or until the work is repeated. Records of the piece-part inspections are not required under § 121.380 (a) (2) (vi) of the Federal Aviation Regulations [14 CFR 121.380 (a) (2) (vi)]. All other operators must maintain the records of mandatory inspections required by the applicable regulations governing their operations.

Note 3: The requirements of this AD have been met when the engine manual changes are made and air carriers have modified their continuous airworthiness maintenance plans to reflect the requirements in the Engine Manuals.

Issued in Burlington, Massachusetts, on July 30, 1999.

Jorge A. Fernandez,

Assistant Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 99-20184 Filed 8-4-99; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 99-NE-15-AD]

RIN 2120-AA64

Airworthiness Directives; Allison Engine Company, Inc. AE 3007A and AE 3007C Turbofan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the adoption of a new airworthiness directive (AD) that is applicable to Allison Engine Company, Inc. AE 3007A and AE 3007C series turbofan engines. This proposal would require removing certain turbine wheels from service before exceeding new, reduced

cyclic life limits. This proposal is prompted by a refined life analysis that was performed by the manufacturer. The actions specified by the proposed AD are intended to prevent an uncontained turbine wheel failure, which could result in damage to the airplane.

DATES: Comments must be received by October 4, 1999.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-NE-15-AD, 12 New England Executive Park, Burlington, MA 01803-5299. Comments may also be sent via the Internet using the following address: "9-ane-adcomment@faa.gov." Comments sent via the Internet must contain the docket number in the subject line. Comments may be inspected at this location between 8:00 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays.

The service information referenced in the proposed rule may be obtained from Rolls-Royce Allison, P.O. Box 420, Speed Code U-15, Indianapolis, IN 46206-0420, telephone (317) 230-6674. This information may be examined at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA.

FOR FURTHER INFORMATION CONTACT: John Tallarovic, Aerospace Engineer, Chicago Aircraft Certification Office, FAA, Small Airplane Directorate, 2300 East Devon Avenue, Des Plaines, IL 60018; telephone (847) 294-8180, fax (847) 294-7834.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications should identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this notice may be changed in light of the comments received.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report

summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 99-NE-15-AD." The postcard will be date stamped and returned to the commenter.

Availability of NPRM's

Any person may obtain a copy of this NPRM by submitting a request to the FAA, New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-NE-15-AD, 12 New England Executive Park, Burlington, MA 01803-5299.

Discussion

Allison Engine Company, Inc., also known as Rolls-Royce Allison, the manufacturer of AE 3007A and AE 3007C series turbofan engines, suspects that certain turbine wheels may have tungsten contamination. The suspect turbine wheels were manufactured between January 26, 1993, and August 27, 1993. The manufacturer has also re-evaluated the effect of a surface treatment on the service life of a wheel. A refined life analysis, which took into account both the possibility of tungsten inclusions and the surface treatment, revealed new maximum service lives that are significantly lower than those previously published. This condition, if not corrected, could result in an uncontained turbine wheel failure, which could result in damage to the airplane.

The FAA has reviewed and approved the technical contents of Rolls-Royce Alert Service Bulletin (ASB) AE 3007A-A-72-105 and AE 3007C-A-72-105, dated January 29, 1999, that lists new, reduced engine cyclic life limits for affected turbine wheels. Rolls-Royce Allison produces and distributes the service documents that cover the Allison Engine Co. AE3007A and AE3007C turbofan engines. Since an unsafe condition has been identified that is likely to exist or develop on other engines of the same type design, the proposed AD would require removing affected turbine wheels from service before exceeding new, reduced cyclic life limits. The actions would be required to be accomplished in accordance with the ASB described previously.

There are approximately 325 engines of the affected design in the worldwide fleet. The FAA estimates that 260