

of both increased and reduced passenger capacity derivatives of the Model 728–100 airplane. These derivative models are designated the Model 928–100 airplane and the Model 528–100 airplane, respectively. As currently proposed, these derivative models share the same design feature of a high-bypass ratio fan jet engine as the Model 728–100 airplane, and it is anticipated that they will be included in the applicability of these proposed special conditions.

Conclusion

This action affects only certain novel or unusual design features on the Fairchild Dornier GmbH Model 728–100 airplane. 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 Proposed Special Conditions

Accordingly, the Federal Aviation Administration (FAA) proposes the following special conditions as part of the type certification basis for Fairchild Dornier GmbH Model 728–100 airplanes.

1. *Sudden Engine Stoppage.* In lieu of compliance with 14 CFR 25.361(b), the following special conditions apply:

a. For turbine engine installations, the engine mounts, pylons and adjacent supporting airframe structure must be designed to withstand 1g level flight loads acting simultaneously with the maximum limit torque loads imposed by each of the following:

(1) Sudden engine deceleration due to a malfunction which could result in a temporary loss of power or thrust.

(2) The maximum acceleration of the engine.

b. For auxiliary power unit installations, the power unit mounts and adjacent supporting airframe structure must be designed to withstand 1g level flight loads acting simultaneously with the maximum limit torque loads imposed by each of the following:

(1) Sudden auxiliary power unit deceleration due to malfunction or structural failure.

(2) The maximum acceleration of the auxiliary power unit.

c. For engine supporting structure, an ultimate loading condition must be

considered that combines 1g flight loads with the transient dynamic loads resulting from each of the following:

(1) The loss of any fan, compressor, or turbine blade.

(2) Where applicable to a specific engine design, and separately from the conditions specified in paragraph 1.(c)(1), any other engine structural failure that results in higher loads.

d. The ultimate loads developed from the conditions specified in paragraphs (c)(1) and (c)(2) above are to be multiplied by a factor of 1.0 when applied to engine mounts and pylons and multiplied by a factor of 1.25 when applied to adjacent supporting airframe structure.

Issued in Renton, Washington, on February 13, 2002.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25

[Docket No. NM212; Notice No. 25–02–04–SC]

Special Conditions: Airbus Industrie, Model A340–500 and –600 Airplanes; Sudden Engine Stoppage

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed special conditions.

SUMMARY: This notice proposes special conditions for Airbus Industries 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, associated with engine size and torque load, which affects sudden engine stoppage. 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: Comments must be received on or before March 27, 2002.

ADDRESSES: Comments on this proposal may be mailed in duplicate to: Federal Aviation Administration, Transport

Airplane Directorate, Attn: Rules Docket (ANM–113), Docket No. NM212, 1601 Lind Avenue SW., Renton, Washington, 98055–4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. All comments must be marked: Docket No. NM212. Comments may be inspected in the Rules Docket weekdays, except Federal holidays, between 7:30 a.m. and 4:00 p.m.

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:

Comments Invited

The FAA invites interested persons to participate in this rulemaking by submitting written comments, data, or views. The most helpful comments reference a specific portion of the proposal, explain the reason for any recommended change, and include supporting data. We ask that you send us two copies of written comments.

We will file in the docket all comments we receive, as well as a report summarizing each substantive public contact with FAA personnel concerning these proposed special conditions. The docket is available for public inspection before and after the comments closing date. If you wish to review the docket in person, go to the address in the **ADDRESSES** section of this preamble between 7:30 a.m. and 4:00 p.m., Monday through Friday, except Federal holidays.

We will consider all comments we receive on or before the closing date for comments. We will consider comments filed late if it is possible to do so without incurring expenses or delay. We may change this proposal for special conditions in light of the comments we receive.

If you want the FAA to acknowledge receipt of your comments on this proposal, include with your comments a pre-addressed, stamped postcard on which the docket number appears. We will stamp the date on the postcard and mail it back to you.

Background

On November 14, 1996, Airbus Industries 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 airplane, 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 Roll Royce Trend 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 Certificate 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 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 14 CFR 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 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 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 A340–600 airplanes will incorporate novel or unusual design features involving engine size and torque load that affect sudden engine stoppage conditions. Airbus Industrie proposes to treat the sudden engine stoppage condition resulting from structural failure as an ultimate load condition. Section 25.361(b)(1) of part 25 specifically defines the seizure torque load resulting from structural failure as a limit load condition.

Discussion

The limit engine torque load imposed by sudden engine stoppage due to malfunction or structural failure (such as compressor jamming) has been a specific requirement for transport category airplanes since 1957. The size, configuration, and failure modes of jet engines have changed considerably from those envisioned when the engine seizure requirement of § 25.361(b) was first adopted. Current engines are much larger and are now designed with large bypass fans capable of producing much larger torque loads if they become jammed. It is evident from service history that the frequency of occurrence of the most severe sudden engine stoppage events are rare.

Relative to the engine configurations that existed when the rule was developed in 1957, the present generation of engines are sufficiently different and novel to justify issuance of special conditions to establish appropriate design standards. The latest generation of jet engines are capable of producing, during failure, transient

loads that are significantly higher and more complex than the generation of engines that were present when the existing standard was developed. Therefore, the FAA has determined that special conditions are needed for the Model A340–500 and –600 airplanes.

In order to maintain the level of safety envisioned in § 25.361(b), a more comprehensive criteria is needed for the new generation of high bypass engines. The proposed special conditions would distinguish between the more common seizure events and those rarer seizure events resulting from structural failures. For these rarer but severe seizure events, the proposed criteria could allow some deformation in the engine supporting structure (ultimate load design) in order to absorb the higher energy associated with the high bypass engines, while at the same time protecting the adjacent primary structure in the wing and fuselage by providing a higher safety factor. The criteria for the more severe events would no longer be a pure static torque load condition, but would account for the full spectrum of transient dynamic loads developed from the engine failure condition.

Applicability

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).

Conclusion

This action affects certain novel or unusual design features 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 Proposed Special Conditions

Accordingly, The Federal Aviation Administration (FAA) proposes the following special conditions as part of the type certification basis for Airbus Industrie Model A340–500 and –600 airplanes.

The following special conditions are proposed in lieu of compliance with 14

CFR 25.361(b) and in lieu of the previously issued special conditions, Limit Engine Torque," recorded as item 9 of Special Conditions No. 25-ANM-69 (Docket No. NM-75), Airbus Industrie Model A340 Series Airplanes.

1. Sudden Engine Stoppage.

(a) For turbine engine installations, the engine mounts, pylons and adjacent supporting airframe structure must be designed to withstand 1g level flight loads acting simultaneously with the maximum limit torque loads imposed by each of the following:

(1) Sudden engine deceleration due to a malfunction which could result in a temporary loss of power or thrust.

(2) The maximum acceleration of the engine.

(b) For auxiliary power unit installations, the power unit mounts and adjacent supporting airframe structure must be designed to withstand 1g level flight loads acting simultaneously with the maximum limit torque loads imposing by each of the following:

(1) Sudden auxiliary power unit deceleration due to malfunction or structural failure.

(2) The maximum acceleration of the auxiliary power unit.

(c) For engine supporting structure, an ultimate loading condition must be considered that combines 1g flight loads with the transient dynamic loads resulting from each of the following:

(1) The loss of any fan, compressor, or turbine blade.

(2) Where applicable to a specific engine design, and separately from the conditions specified in paragraph 1.(c)(1), any other engine structural failure that results in higher loads.

(d) The ultimate loads developed from the conditions specified in paragraphs (c)(1) and (c)(2) above are to be multiplied by a factor of 1.0 when applied to engine mounts and pylons and multiplied by a factor of 1.25 when applied to adjacent supporting airframe structure.

Issued in Renton, Washington, on February 13, 2002.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
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POSTAL SERVICE

39 CFR Part 255

Access of Persons with Disabilities to Postal Service Programs, Activities, Facilities, and Electronic and Information Technology

AGENCY: Postal Service.

ACTION: Proposed rule with request for comments.

SUMMARY: The Postal Service is proposing to amend its regulations in order to implement section 508 of the Rehabilitation Act of 1973, as amended. Section 508 requires Federal agencies to ensure that the electronic and information technology (EIT) they procure allows individuals with disabilities access to EIT comparable to the access of those who are not disabled, unless the agency would incur an undue hardship. The statute was amended by the Workforce Investment Act of 1998 to add enforcement provisions and to require agencies to add a complaint process for section 508. The complaint process for members of the public who are disabled is outlined here in part 255. The complaint process for employees and applicants who are disabled is set forth in the Postal Service's Handbook EL-603, *Equal Employment Opportunity Complaint Processing*.

DATES: Written comments must be received on or before March 27, 2002.

ADDRESSES: Written comments should be mailed to Office of the Consumer Advocate, United States Postal Service, 475 L'Enfant Plaza, SW., Room 5801, Washington, DC 20260-2200. Copies of all written comments will be available for inspection and photocopying between 9 a.m. and 4 p.m., Monday through Friday, at the Corporate Library, United States Postal Service, 475 L'Enfant Plaza, SW., Room 11800, Washington, DC 20260, (202) 268-2900.

FOR FURTHER INFORMATION CONTACT: Joan C. Goodrich, (202) 268-3047 or Christine M. Taylor, (202) 268-3017.

SUPPLEMENTARY INFORMATION: The Workforce Investment Act of 1998, Pub. L. 105-220, 112 Stat. 936 (1998), amending section 508 of the Rehabilitation Act of 1973, 29 U.S.C. 794d, was signed into law on August 7, 1998. In addition to the provisions outlined above, the act required the Architectural and Transportation Barriers Compliance Board (Access Board) to publish standards defining EIT and setting forth the technical and functional performance criteria necessary to accessibility for such technology. The act, which was effective August 7, 2000, also required the Access

Board to publish its final standards by February 7, 2000.

On July 13, 2000, the Military Construction Appropriations Act for Fiscal Year 2001, Pub. L. 106-246, which contained an amendment to section 508, was signed into law. Public Law No. 106-246 delayed the effective date for enforcement of section 508 to 6 months from the publication of the Access Board's final standards. The Access Board's final standards were published on December 21, 2000, in 65 FR 80500-80528. The effective date for enforcement of section 508 became June 21, 2001. In accordance with the statutory requirements outlined above, the Postal Service is initiating this notice of proposed rulemaking adding a complaint process for section 508 to its regulations.

Section-by-Section Analysis

Section 255.1 Purpose

This new section is added to describe the purposes of part 255. These purposes are to implement sections 504 and 508 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. §§ 794, 794d. Another purpose is to state that the EIT standards set forth in part 255 are intended to be consistent with the standards of the Access Board announced in the **Federal Register** on December 21, 2000.

Former Section 255.1 Discrimination against handicapped persons has been renamed and renumbered as *Section 255.3 Nondiscrimination under any program or activity conducted by the Postal Service*.

Section 255.2 Definitions

This new section has been added to provide definitions of the terms used in part 255. A number of definitions have been added to clarify words and concepts already in part 255. New definitions were added for the new terms associated with section 508. There is a change in terms from "handicapped person" to "individual with a disability," but the definition of who is "disabled" remains the same. This change was made to reflect the change in terminology in the Rehabilitation Act. Prior *Section 255.2 Special Arrangements for postal services* is now *Section 255.7 Special arrangements for postal services*.

Section 255.3 Nondiscrimination Under any Program or Activity Conducted by the Postal Service

This section states the prohibition against discrimination based upon