

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, under 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. FAA amends § 39.13 by adding a new airworthiness directive (AD) to read as follows:

Aerospace Technologies of Australia PTY LTD.: Docket No. 2003-CE-21-AD

(a) *What airplanes are affected by this AD?* This AD affects Models N22B and N24A

airplanes, all serial numbers, that are certificated in any category.

(b) *Who must comply with this AD?*

Anyone who wishes to operate any of the airplanes identified in paragraph (a) of this AD must comply with this AD.

(c) *What problem does this AD address?*

The actions specified by this AD are intended to prevent damage to the aileron due to airplane operation and pre-existing and undetected damage, which could result in failure of the aileron. Such failure could lead to reduced or loss of control of the airplane.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Visually inspect the left-hand (LH) and right-hand (RH) ailerons for damage (<i>i.e.</i> , distortion, bending, impact marks). Repair or replace any damaged aileron found..	Inspect within the next 50 hours time-in-service (TIS) after the effective date of this AD, unless already accomplished. Repair or replace prior to further flight after the inspection.	In accordance with the applicable maintenance manual.
(2) Adjust the engine power lever actuated landing gear "up" aural warning micro-switches and then perform a ground test.	Within the next 50 hours time-in-service (TIS) after the effective date of this AD, unless already accomplished.	In accordance with Nomad Alert Service Bulletin ANMD-57-18, dated December 19, 2002.
(3) For Model N22B airplanes:	Within the next 50 hours time-in-service (TIS) after the effective date of this AD, unless already accomplished.	In accordance with Nomad Alert Service Bulletin ANMD-57-18, dated December 19, 2002. Accomplish the limitations of paragraph (d)(4)(ii)(A) and (d)(4)(ii)(B) of this AD by inserting a copy of the AD into the Limitations Section of the flight manual. The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may accomplish this flight manual insertion and the placard requirements of paragraph (d)(4)(i)(A) and (d)(4)(i)(B) of this AD. Make an entry into the aircraft records showing compliance with these portions of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).
(i) Fabricate placards that incorporate the following words (using at least 1/8-inch letters) and install these placards on the instrument panel within the pilot's clear view:		
(A) "RECOMMENDED APPROACH FLAPS 10 OR 20 DEG AT 90 KIAS";		
(B) "USE 10° or 20° FLAP FOR TAKE-OFF AND LANDING— WARNING —DO NOT EXCEED 20° FLAP EXTENSION DURING FLIGHT, LANDING GEAR UP WARNING WILL INITIATE FOR A TORQUE PRESSURE OF LESS THAN 30 PSI"; and		
(ii) Incorporate the following information into the limitation section of the Airplane Flight Manual (AFM);		
(A) Limit the maximum flap extension to 20 degrees; and		
(B) Limit flaps down operations landing for 10° flap.		
(4) For Model N24A airplanes:	Within the next 50 hours time-in-service (TIS) after the effective date of this AD, unless already accomplished.	In accordance with Nomad Alert Service bulletin ANMD-57-18, dated December 19, 2002. Accomplish the limitations of paragraphs (d)(5)(ii)(A) and (d)(5)(ii)(B) of this AD by inserting a copy of the AD into the Limitations Section of the flight manual. the owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may accomplish this flight manual insertion and the placard requirement of paragraph (d)(5)(i)(A) of this AD. Make an entry into the aircraft records showing compliance with these portions of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).
(i) Fabricate a placard that incorporates the following words (using at least 1/8-inch letters) and install this placard on the instrument panel within the pilot's clear view:		
(A) "USE 10° FLAP FOR TAKE-OFF AND LANDING— WARNING —DO NOT EXCEED 10° FLAP EXTENSION DURING FLIGHT, LANDING GEAR UP WARNING WILL INITIATE FOR A TORQUE PRESSURE OF LESS THAN 30 PSI"; and		
(ii) Incorporate the following information into the limitation section of the Airplane Flight Manual (AFM);		
(A) Limit the maximum flap extension to 10 degrees; and		
(B) Limit flaps down operations for landing to 10° flap.		

(e) *Can I comply with this AD in any other way?* To use an alternative method of compliance or adjust the compliance time, follow the procedures in 14 CFR 39.19. Send these requests to the Manager, Standards Office, Small Airplane Directorate. For information on any already approved

alternative methods of compliance, contact Ron Atmur, Aerospace Engineer, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712; telephone (562) 627-5224; facsimile (562) 627-5210.

(f) *How do I get copies of the documents referenced in this AD?* You may get copies of the documents referenced in this AD from Nomad Operations, Aerospace Support Division, Boeing Australia, PO Box 767, Brisbane, QLD 4000 Australia; telephone 61 7 3306 3366; facsimile 61 7 3306 3111. You