

*What Is the Cost Impact of This AD on Owners/Operators of the Affected Airplanes?*

We estimate the following costs to accomplish the actions of this AD:

INSPECTIONS

Labor cost	Parts cost	Total cost per airplane	Total cost on U.S. operators
3 workhours per fitting (4 fittings per airplane) × \$60 per hour = \$180 per fitting..	Not applicable .....	\$180 × 4 fittings per airplane = \$720.	\$720 × 10 = \$7,200.

FORWARD DIHEDRAL FITTING REPLACEMENT

Labor cost	Parts cost	Total cost per airplane
93 workhours per fitting (2 fittings per airplane) × \$60 per hour = \$5,580 per fitting.	\$142 per replacement fitting .....	\$5,722 per fitting.

AFT DIHEDRAL FITTING REPLACEMENT AND MODIFICATION

Labor cost	Parts cost	Total cost per airplane
20 workhours per fitting for replacement and modification (2 fittings per airplane) × \$60 per hour = \$1,200 per fitting. 10 workhours per fitting for modification only (2 fittings per airplane) × \$60 per hour = \$600 per fitting	\$76 per replacement fitting and \$66 for modification bolts.	\$1,200 + \$76 + \$66 = \$1,342 (labor, replacement, and modification per fitting). \$600 + \$66 = \$666 (labor and modification per fitting).

**Compliance Time of This AD**

*What Is the Compliance Time of This AD?*

The compliance time of this AD is whichever occurs later: (1) upon the accumulation of 3,000 hours time-in-service (TIS) on the dihedral fittings or 10 years after installation of the dihedral fittings, whichever occurs first; or (2) within 90 days after the effective date of this AD.

*Why Is the Compliance Time of This AD Presented in Both Hours TIS and Calendar Time?*

Cracking of the dihedral fittings on the affected airplanes is caused by stress corrosion, which starts as a result of high local stress incurred through operation. Corrosion can then develop regardless of whether the airplane is in flight or on the ground. The cracks may not be noticed initially as a result of the stress loads, but could then progress as a result of corrosion. The stress incurred during flight operations or temperature changes could then cause rapid crack growth. In order to ensure that these stress corrosion cracks do not go undetected, a compliance time of specific hours TIS and calendar time is used.

**Regulatory Findings**

*Will This AD Impact Various Entities?*

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect 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.

*Will This AD Involve a Significant Rule or Regulatory Action?*

For the reasons discussed above, I certify that this AD:

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. 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.

We prepared a summary of the costs to comply with this AD and placed it in the AD Docket. You may get a copy of this summary by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 2003-CE-29-AD" in your request.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of the Amendment**

- Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration amends 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 AD to read as follows:

**2003-20-05 Pilatus Aircraft Ltd.:**

Amendment 39-13323; Docket No. 2003-CE-29-AD.

**When Does This AD Become Effective?**

- (a) This AD becomes effective on November 14, 2003.

**Are Any Other ADs Affected by This Action?**

- (b) None.