

(b) Affected ADs

This AD replaces AD 2016-22-05, Amendment 39-18694 (81 FR 75686, November 1, 2016).

(c) Applicability

This AD applies to Pratt & Whitney Division (PW):

(1) PW4164, PW4168, and PW4168A model turbofan engines that have fuel nozzles, part number (P/N) 51J345, installed, and that have any of the following installed: Talon IIB combustion chamber per Pratt & Whitney Service Bulletin (SB) PW4G-100-72-214, dated December 15, 2011; ring case configuration (RCC) high-pressure compressor (HPC) per Pratt & Whitney SB PW4G-100-72-219, Revision No. 1, dated October 5, 2011, or original issue; or the outer combustion chamber assembly waspaloy nuts per Pratt & Whitney SB PW4G-100-72-253, dated November 24, 2014;

(2) PW4168A model engines with Talon IIA outer combustion chamber assembly, P/N 51J100 or 51J382, and fuel nozzles, P/N 51J345, installed;

(3) PW4168A-1D and PW4170 model engines with engine serial numbers P735001 through P735190, inclusive, and fuel nozzles, P/N 51J345, installed;

(4) PW4164-1D, PW4168-1D, PW4168A-1D, and PW4170 model turbofan engines that have installed the RCC HPC per Pratt & Whitney SB PW4G-100-72-220, Revision No. 4, dated September 30, 2011, or earlier revision, and have fuel nozzles, P/N 51J345, installed; and

(5) PW4164, PW4164-1D, PW4168, PW4168-1D, PW4168A, PW4168A-1D, and PW4170 model turbofan engines with fuel nozzle, P/N 51J398, installed, that have not installed the replacement fuel nozzle supply manifold assemblies, and new brackets and clamps on the fuel nozzle supply manifold assemblies per Pratt & Whitney SB PW4G-100-73-48, Revision No. 1, dated April 24, 2018.

(d) Subject

Joint Aircraft System Component (JASC) Code 7310, Engine Fuel Distribution.

(e) Unsafe Condition

This AD was prompted by several instances of fuel leaks on PW engines with the Talon IIB combustion chamber configuration installed. We are issuing this AD to prevent failure of the fuel nozzles. The unsafe condition, if not addressed, could result in engine fire and damage to the airplane.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Required Actions

(1) Within 800 flight hours (FHs) after December 6, 2016 (the effective date of AD 2016-22-05), or before further flight, whichever occurs later, and after that within every 800 FHs accumulated on the fuel nozzles, perform the following:

(i) Inspect all fuel nozzles, P/N 51J345, in accordance with Part A of Pratt & Whitney

Alert Service Bulletin (ASB) PW4G-100-A73-45, dated February 16, 2016.

(ii) For any fuel nozzle that fails the inspection, before further flight, remove and replace with a part that is eligible for installation.

(2) At the next shop visit or within 24 months after the effective date of this AD, whichever occurs first, remove all fuel nozzles, P/N 51J345, in accordance with Part A, of Pratt & Whitney ASB PW4G-100-A73-47, dated March 10, 2017, and replace with parts eligible for installation.

(3) At the next shop visit or within 60 months after the effective date of this AD, whichever comes first, replace the fuel nozzle supply manifold assemblies and install the new brackets and clamps on the fuel nozzle supply manifold assembly in accordance with Accomplishment Instructions, "For Engines Installed on Aircraft" or "For Engines Not Installed on Aircraft," of Pratt & Whitney SB PW4G-100-73-48, Revision No. 1, dated April 24, 2018.

(h) Definitions

(1) For the purpose of this AD, an "engine shop visit" is the induction of an engine into the shop for maintenance involving the separation of pairs of major mating engine case flanges, except for the following situations, which do not constitute an engine shop visit:

(i) Separation of engine flanges solely for the purposes of transportation of the engine without subsequent maintenance.

(ii) Separation of engine flanges solely for the purpose of replacing the fan or propulsor without subsequent engine maintenance.

(2) For the purpose of this AD, a part that is "eligible for installation" is a fuel nozzle with a P/N other than 51J345 that is FAA-approved for installation.

(i) Terminating Action

Installation of the eligible fuel nozzles constitutes terminating action for the repetitive inspection requirements of paragraph (g)(1) of this AD.

(j) Alternative Methods of Compliance (AMOCs)

(1) The Manager, ECO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to the attention of the person identified in paragraph (k) of this AD. You may email your request to: ANE-AD-AMOC@faa.gov.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(k) Related Information

For more information about this AD, contact Scott Hopper, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7154; fax: 781-238-7199; email: scott.hopper@faa.gov.

(l) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(3) The following service information was approved for IBR on May 2, 2019.

(i) Pratt & Whitney Alert Service Bulletin (ASB) PW4G-100-A73-47, dated March 10, 2017; and

(ii) Pratt & Whitney Service Bulletin PW4G-100-73-48, Revision No. 1, dated April 24, 2018.

(4) The following service information was approved for IBR on December 6, 2016.

(i) Pratt & Whitney ASB PW4G-100-A73-45, dated February 16, 2016.

(ii) [Reserved]

(5) For Pratt & Whitney service information identified in this AD, contact Pratt & Whitney Division, 400 Main St., East Hartford, CT 06108; phone: 860-565-8770; fax: 860-565-4503.

(6) You may view this service information at FAA, Engine and Propeller Standards Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7759.

(7) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Burlington, Massachusetts, on March 22, 2019.

Karen M. Grant,

Acting Manager, Engine and Propeller Standards Branch, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA-2018-1010; Product Identifier 2018-NM-148-AD; Amendment 39-19596; AD 2019-05-14]

RIN 2120-AA64

Airworthiness Directives; Dassault Aviation Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule; removal of Airworthiness Directive (AD).

SUMMARY: We are removing AD 2012-02-18, which applied to all Dassault

Aviation Model MYSTERE-FALCON 50 airplanes. AD 2012-02-18 required revising the maintenance program to include revised airworthiness limitations. We issued AD 2012-02-18 to address cracking of the flap tracks, which could lead to flap asymmetry and loss of control of the airplane. Since we issued AD 2012-02-18, we have issued AD 2017-09-03 to address the unsafe condition. Accordingly, AD 2012-02-18 is removed.

DATES: This AD becomes effective March 28, 2019.

ADDRESSES:

Examining the AD Docket

You may examine the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-1010; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The address for Docket Operations (telephone 800-647-5527) is U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3226.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by removing AD 2012-02-18, Amendment 39-16941 (77 FR 12175, February 29, 2012) (“AD 2012-02-18”). AD 2012-02-18 applied to all Dassault Aviation Model MYSTERE-FALCON 50 airplanes. The NPRM published in the **Federal Register** on December 28, 2018 (83 FR 67155). The NPRM was prompted by a determination that AD 2012-02-18 is no longer necessary because we have since issued AD 2017-09-03, Amendment 39-18865 (82 FR 21467, May 9, 2017) to address the unsafe condition. The NPRM proposed to remove AD 2012-02-18. We are issuing this AD to remove AD 2012-02-18.

Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM or

on the determination of the cost to the public.

Conclusion

We reviewed the relevant data and determined that air safety and the public interest require adopting this AD as proposed except for minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM for addressing the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. “Subtitle VII: Aviation Programs,” describes in more detail the scope of the Agency’s authority.

We are issuing this rulemaking under the authority described in “Subtitle VII, Part A, Subpart III, Section 44701: General requirements.” Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority.

This AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to transport category airplanes and associated appliances to the Director of the System Oversight Division.

Regulatory Findings

We 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.

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);

3. Will not affect intrastate aviation in Alaska; and

4. 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.

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 FAA amends 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. The FAA amends § 39.13 by removing Airworthiness Directive (AD) 2012-02-18, Amendment 39-16941 (77 FR 12175, February 29, 2012), and adding the following new AD:

2019-05-14 Dassault Aviation:

Amendment 39-19596; Docket No. FAA-2018-1010; Product Identifier 2018-NM-148-AD.

(a) Effective Date

This AD becomes effective March 28, 2019.

(b) Affected ADs

This AD removes AD 2012-02-18, Amendment 39-16941 (77 FR 12175, February 29, 2012).

(c) Applicability

This AD applies to Dassault Aviation Model MYSTERE-FALCON 50 airplanes, all serial numbers, certificated in any category.

(d) Related Information

For more information about this AD, contact Tom Rodriguez, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3226.

Issued in Des Moines, Washington, on March 18, 2019.

Michael Kaszycki,

Acting Director, System Oversight Division, Aircraft Certification Service.

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