

**FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES**

**LARGE AIRCRAFT
BIWEEKLY 2016-16**

7/25/2016 - 8/7/2016



Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
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LARGE AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
Biweekly 2016-01			
2015-25-03	COR	The Boeing Company	747-100, 747-100B, 747-100B SUD, 747-200B, 747-200C, 747-200F, 747-300, 747-400, 747-400D, 747-400F, and 747SR series airplanes
2015-25-06	R 2010-06-04	Airbus	A300 B2-1C, B2-203, B2K-3C, B4-103, B4-203, and B4-2C; A310-203, -204, -221, -222, -304, -322, -324, and -325; A300 B4-601, B4-603, B4-605R, B4-620, B-622, and B4-622R airplanes
2015-26-02		Airbus	A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, -313, -541, and -642 airplanes
2015-26-03	R 2011-07-10	Bombardier, Inc.	BD-100-1A10 (Challenger 300) airplanes
2015-26-07		The Boeing Company	767-200, -300, -300F series airplanes
Biweekly 2016-02			
2015-25-10	R 2011-24-05	Airbus	A330-201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, and -313
2015-26-05		Fokker Services B.V.	F.28 Mark 1000, 2000, 3000, and 4000
2015-26-06	R 2004-14-09	Airbus	A320-211, -212, and -231
2015-26-09		ATR-GIE Avions de Transport Régional (ATR)	ATR42-200, -300, -320, and -500
2015-27-01		General Electric Company (GE)	GE90-76B, -77B, -85B, -90B, and -94B
2016-01-02		Bombardier, Inc.	CL-600-2B19 (Regional Jet Series 100 & 440)
2016-01-03		Airbus	A330-201, A330-202, A330-203, A330-223, A330-223F, A330-243, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, and A330-343; A340-211, A340-212, A340-213, A340-311, A340-312, and A340-313
2016-01-04	R 2005-01-09	The Boeing Company	747-100, -100B, 747-100B SUD, 747-200B, 747-200C, 747-200F, 747-300, 747-400, 747-400D, 747-400F, and 747SR series
2016-01-05		The Boeing Company	737-400 series
2016-01-07		Airbus	A319-113 and A319-114; A320-211 and A320-212
2016-01-08	R 2013-13-04	Airbus	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -231, -232, and -233; and A321-111, -112, -131, -211, -212, -213, -231, and -232
2016-01-09		Bombardier, Inc.	DHC-8-400, -401, and -402
2016-01-11	R 98-18-26	Airbus	A320-211, -212, and -231
2016-01-12		Bombardier, Inc.	BD-700-1A10 and BD-700-1A11
2016-01-13		Airbus	A310-203, -204, -221, -222, -304, -322, -324, and -325; A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; and A300 F4-605R, F4-622R, and A300 C4-605R Variant F
2016-01-16	R 2002-23-20	Dassault Aviation	Mystere-Falcon 900
2016-01-17		Bombardier, Inc.	CL-600-2C10 (Regional Jet Series 700, 701, & 702)
Biweekly 2016-03			
2015-25-08	COR	The Boeing Company	777-200, -200LR, -300, -300ER, and 777F series airplanes
2015-28-01		Engine Alliance	GP7270 turbofan engines
2016-01-10	R 2004-20-14	Airbus	A300 airplanes
2016-01-18	R 98-20-27	Airbus	A300 airplanes
2016-02-01	R 96-18-06	Airbus	A320-211, -212, and -231 airplanes
2016-02-02		Airbus	A318-111 and -112; A319-111, -112, and -115; A320-214; A321-111, -112, -211, -212, and -213 airplanes
2016-02-03		Airbus	A319-113 and -114; A320-211 and -212 airplanes
2016-02-04		CFM International S.A.	CFM56-5B engines
2016-02-05		Bombardier, Inc.	BD-100-1A10 (Challenger 300) airplanes
2016-03-01		The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series airplanes

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AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
Biweekly 2016-04			
2016-03-04		Rolls-Royce plc	(RR) RB211-535E4-37, RB211-535E4-B-37, and RB211-535E4-C-37 turbofan engines
2016-03-06	R 2012-18-05	The Boeing Company	DC-9-11, DC-9-12, DC-9-13, DC-9-14, DC-9-15, DC-9-15F, DC-9-21, DC-9-31, DC-9-32, DC-9-32 (VC-9C), DC-9-32F, DC-9-33F, DC-9-34, DC 9 34F, DC 9 32F (C-9A, C 9B), DC-9-41, DC-9-51, DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), DC-9-87 (MD-87), MD-88, MD-90-30 airplanes.
2016-04-01	R 2015-26-02	Airbus	A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, -343, A340-211, -212, -213, -311, -312, -313, -541, and -642 airplanes
2016-04-02	R 2010-26-10	The Boeing Company	747-200C, -200F, -400, -400D, and -400F series airplanes
2016-04-03		The Boeing Company	747-400F series airplanes
Biweekly 2016-05			
2016-04-06		The Boeing Company	737-600, -700, -700C, -800, -900, and -900ER series
2016-04-07		The Boeing Company	767-200, -300, -300F, and -400ER series
2016-04-08		The Boeing Company	787-8
2016-04-09		Dassault Aviation	FALCON 900EX and FALCON 2000EX
2016-04-10		ATR-GIE Avions de Transport Régional	ATR42-500 and ATR72-102, -202, -212, and -212A
2016-04-11		General Electric Company	GEEx-1B54, -1B58, -1B64, -1B67, and -1B70
2016-04-17		The Boeing Company	777-200 series
2016-04-18		The Boeing Company	747-100, -200B, -200C, -200F, -300, -400, -400D, and -400F series
2016-04-19		Airbus Defense and Space S.A.	CN-235, CN-235-100, CN-235-200, CN-235-300, and C-295
2016-04-20		The Boeing Company	737-600, -700, -700C, -800, -900, and -900ER series; 757-200, -200PF, -200CB, and -300 series; 767-200, -300, -300F, and -400ER series; 777-200, -200LR, -300, -300ER, and -777F series
2016-04-21	R 2008-26-07	The Boeing Company	DC-8-11, DC-8-12, DC-8-21, DC-8-31, DC-8-32, DC-8-33, DC-8-41, DC-8-42, DC-8-43, DC-8-51, DC-8-52, DC-8-53, DC-8-55, DC-8F-54, DC-8F-55, DC-8-61, DC-8-62, DC-8-63, DC-8-61F, DC-8-62F, DC-8-63F, DC-8-71, DC-8-72, DC-8-73, DC-8-71F, DC-8-72F, and DC-8-73F
2016-04-22		Fokker Services B.V.	F.27 Mark 200, 300, 400, 500, 600, and 700
2016-04-23		The Boeing Company	787-8
2016-04-24		The Boeing Company	757-200 series
Biweekly 2016-06			
2016-03-03	S 2013-11-13	Rolls-Royce plc	Viper Mk. 521, Viper Mk. 522, and Viper Mk. 601-22 turbojet engines
2016-03-07		Airbus	A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343, A340-211, -212, -213, -311, -312, -313, -541, and -642
2016-04-13	S 2015-04-03	Rolls-Royce plc	RB211 Trent 768-60, 772-60, and 772B-60 turbofan engines
2016-04-16	R 2013-08-23	The Boeing Company	DC-10-10, DC-10-10F, DC-10-15, DC-10-30, DC-10-30F (KC-10A and KDC-10), DC-10-40, DC-10-40F, MD-10-10F, MD-10-30F, MD-11, and MD-11F
2016-05-02	R 2011-13-11 & R 2013-16-09	Airbus	A318-111, -112, -121, and -122, A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-211, -212, -214, -231, -232, and -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2016-05-04		Dowty Propellers	R352/6-123-F/1, R352/6-123-F/2, and R410/6-123-F/35
2016-05-05		Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, and B4-203, A300 B4-601, B4-603, B4-620, and B4-622, A300 B4-605R and B4-622R, A300 F4-605R and F4-622R, A300 C4-605R Variant F, A310-203, -204, -221, -222, -304, -322, -324, and -325
2016-05-07		Engine Alliance	GP7270 turbofan engine
2016-05-12	R 2012-15-13	The Boeing Company	747-100B SUD, 747-300, 747-400, and 747-400D series, 747-200B series

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2016-06-02		The Boeing Company	737-300, -400, and -500 series
2016-06-03		Airbus	A319-131, -132, and -133, A320-232 and -233, A321-131, -231, and -232
2016-06-04		The Boeing Company	737-300, -400, and -500 series
2016-06-05		The Boeing Company	777-200, -200LR, -300, -300ER, and -777F series
2016-06-06		Quest Aircraft Design, LLC	KODIAK 100
2016-06-07	R 2006-22-15	The Boeing Company	747-100, 747-100B, 747-100B SUD, 747-200B, 747-200C, 747-200F, 747-300, 747-400, 747-400D, 747-400F, 747SR, and 747SP series
2016-06-08		The Boeing Company	787-8 and 787-9
Biweekly 2016-07			
2016-06-10		The Boeing Company	787-8
2016-06-11		Airbus Defense and Space S.A.	CN-235, CN-235-100, CN-235-200, and CN-235-300
2016-06-12		Airbus	A330-201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, -313, -541, and -642
2016-06-13		Airbus	A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232
2016-07-03		The Boeing Company	747-100, 747-100B, 747-100B SUD, 747-200B, 747-300, 747SR, and 747SP series
2016-07-05		The Boeing Company	747-8 series
2016-07-06		BAE Systems (Operations) Limited	BAe 146-100A, -200A, and -300A; Avro 146-RJ70A, 146-RJ85A, and 146-RJ100A
2016-07-10		The Boeing Company	787-8 and 787-9
Biweekly 2016-08			
2016-06-14		General Electric Company	CF6-80E1
2016-07-02		Honeywell International Inc.	TFE731-4, -4R, -5AR, -5BR, and -5R
2016-07-04		Airbus	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232
2016-07-07		The Boeing Company	757-200, -200PF, -200CB, and -300 series
2016-07-08		The Boeing Company	DC-9-83 (MD-83)
2016-07-09	R 2011-21-06	BAE SYSTEMS (Operations) Limited	4101
2016-07-12		Airbus	A318-111 and -112, A319-111, -112, -113, -114, and -115; A320-211, -212, and -214; A321-111, -112, -211, -212, and -213
2016-07-14		Airbus	A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232
2016-07-15		Dassault Aviation	FALCON 7X
2016-07-16	R 2013-26-08	The Boeing Company	737-600, -700, -700C, -800, -900, and -900ER series
2016-07-17	R 97-20-07	Airbus	A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R and F4-622R; A300 C4-605R Variant F
2016-07-18		Airbus Defense and Space S.A.	CN-235-200 and CN-235-300
2016-07-20	R 95-18-08	Airbus	A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R and F4-622R; A300 C4-605R Variant F
2016-07-22		Airbus	A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R and F4-622R; A300 C4-605R Variant F; A310-203, -204, -221, -222, -304, -322, -324, and -325
2016-07-25		The Boeing Company	787-8
2016-07-28		The Boeing Company	DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), and DC-9-87 (MD-87); and MD-88
2016-07-30		Airbus	A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, -313, -541, and -642
2016-07-31	R 2013-22-11	The Boeing Company	747-400 and -400D series

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2016-08-03		The Boeing Company	777-200, -200LR, -300, and -300ER series
2016-08-04		Airbus	A330-223F and -243F
2016-08-05		Bombardier, Inc.	CL-600-2C10 (Regional Jet Series 700, 701, & 702); CL-600-2D15 (Regional Jet Series 705) and CL-600-2D24 (Regional Jet Series 900); CL-600-2E25 (Regional Jet Series 1000)
2016-08-06		Airbus	A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R and F4-622R; A300 C4-605R Variant F
2016-08-07		Rolls-Royce plc	RB211-22B-02, RB211-22B (MOD 72-8700), RB211-524B-02, RB211-524B-B-02, RB211-524B2-19, RB211-524B2-B-19, RB211-524B3-02, RB211-524B4-02, RB211-524B4-D-02, RB211-524C2-19, RB211-524C2-B-19, RB211-524D4-19, RB211-524D4-B-19, RB211-524D4X-19, RB211-524D4X-B-19, RB211-524D4-39, RB211-524D4-B-39, RB211-524G2-19, RB211-524G3-19, RB211-524G2-T-19, RB211-524G3-T-19, RB211-524H-36, RB211-524H2-19, RB211-524H-T-36, and RB211-524H2-T-19
Biweekly 2016-09			
2016-08-01		Dassault Aviation	FALCON 7X airplanes
2016-08-09		Pratt & Whitney Division	PW4050, PW4052, PW4056, PW4060, PW4060A, PW4060C, PW4062, PW4062A, PW4152, PW4156, PW4156A, PW4158, PW4160, PW4460, PW4462, and PW4650 turbofan engines
2016-08-10		General Electric Company	CF6-80C2A1, CF6-80C2A2, CF6-80C2A3, CF6-80C2A5, CF6-80C2A5F, CF6-80C2A8, CF6-80C2B1, CF6-80C2B1F, CF6-80C2B1F1, CF6-80C2B1F2, CF6-80C2B2, CF6-80C2B2F, CF6-80C2B3F, CF6-80C2B4, CF6-80C2B4F, CF6-80C2B5F, CF6-80C2B6, CF6-80C2B6F, CF6-80C2B6FA, CF6-80C2B7F, CF6-80C2B8F, CF6-80C2D1F, CF6-80C2L1F, CF6-80C2K1F, CF6-80E1A1, CF6-80E1A2, CF6-80E1A3, CF6-80E1A4, and CF6-80E1A4/B turbofan engines
2016-08-11	R 2012-17-13	The Boeing Company	707 airplanes; 720 and 720B series airplanes
2016-08-12		The Boeing Company	787-8 and 787-9 airplanes
2016-08-14	R 2014-03-14	Airbus	A330-201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, -313, -541, and -642 airplanes
Biweekly 2016-10			
2016-07-23		Airbus	A318-111, -112, -121, and -122, A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-211, -212, -214, -231, -232, and -233, A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2016-08-02		Airbus	A320-214, -232, and -233, A321-211 and -231 airplanes
2016-08-13	R 2004-19-11	Airbus	A320-211, -212, -214, -231, -232, and -233
2016-08-15	R 2014-17-51	Bombardier, Inc	CL-600-2B16
2016-09-01		The Boeing Company	777-200 and -300 series
2016-09-03		Dassault Aviation	FALCON 2000, FALCON 2000EX, MYSTERE-FALCON 900 and FALCON 900EX
2016-09-04		Bombardier, Inc	CL-600-2B19 (Regional Jet Series 100 & 440)
2016-09-05		The Boeing Company	717-200 airplanes
2016-09-06		Airbus	A318-111 and -112, A319-111, -112, -113, -114, and -115, A320-211, -212, and -214, A321-111, -112, -211, -212, and -213
2016-09-07		Airbus	A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-211, -212, -214, -231, -232, and -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2016-09-08		The Boeing Company	747-8 series airplanes
2016-09-10	R 2007-10-10 R1	Airbus	A300 B4-600, B4-600R, and F4-600R series, A300 C4-605R Variant F airplanes (collectively called A300-600 series airplanes)

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2016-09-11		Airbus	A330-201, -202, -203, -223, -223F, -243 -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343, A340-211, -212, -213, -311, -312, and -313
2016-09-12		The Boeing Company	787-8 and 787-9 airplanes
2016-09-13		The Boeing Company	737-300, -400, and -500 series
2016-10-02		The Boeing Company	777-200 and -300 series
Biweekly 2016-11			
2016-10-04		The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series
2016-10-05		The Boeing Company	757-200, -200CB, -200PF, and -300
2016-10-06		Bombardier, Inc.	BD-700-1A10, BD-700-1A11
2016-10-07		Bombardier, Inc.	DHC-8-102, -103, -106, -201, -202, -301, -311, and -315
2016-10-08		Airbus	A330-201, -202, -203, -223, and -243, A330-223F and -243F, A330-301, -302, -303, -321, -322, -323, -341, -342, and -343, A340-211, -212, and -213, A340-311, -312, and -313, A340-541, A340-642
2016-10-09		The Boeing Company	787-8 and 787-9
2016-10-10	R 2014-20-01	Bombardier, Inc.	CL-600-2B16 (CL-601-3A, CL-601-3R, and CL-604 Variants)
2016-10-11	R 2015-03-06	Airbus	A330-201, -202, -203, -223, -223F, -243, -243F -301, -302, -303, -321, -322, -323, -341, -342, and -343, A340-211, -212, -213 -311, -312, -313, -541, and -642
2016-10-12		Fokker Services B.V.	F.28 Mark 0070 and 0100
2016-10-13		Airbus	A300 B4-601, B4-603, B4-620, and B4-622, A300 B4-605R and B4-622R, A300 F4-605R and F4-622R, A300 C4-605R Variant F, A310-203, -204, -221, -222, -304, -322, -324, and -325
2016-10-14		Bombardier, Inc.	CL-600-2C10 (Regional Jet Series 700, 701, & 702), CL-600-2D15 (Regional Jet Series 705), CL-600-2D24 (Regional Jet Series 900)
2016-10-16		Dassault Aviation	MYSTERE-FALCON 900, FALCON 900EX, FALCON 2000EX
2016-11-02		Bombardier, Inc.	CL-600-2C10 (Regional Jet Series 700, 701, & 702), CL-600-2D15 (Regional Jet Series 705), CL-600-2D24 (Regional Jet Series 900), CL-600-2E25 (Regional Jet Series 1000)
Biweekly 2016-12			
2016-10-15		Fokker Services B.V.	F.28 Mark 0070 and 0100
2016-11-01		Airbus	A330-201, -202, -203, -223, and -243; A330-223F and -243F; A330-301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-541; and A340-642
2016-11-03		The Boeing Company	777-200, -200LR, -300, -300ER, and -777F series
2016-11-04	R 2011-23-05	The Boeing Company	737-300, -400, and -500 series
2016-11-05	R 99-16-01	Airbus	A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R; and A300 C4-605R Variant F
2016-11-06	R 2005-18-18	The Boeing Company	757-200, -200PF, -200CB, and -300 series
2016-11-07		The Boeing Company	777-200 and -300 series
2016-11-08	R 2001-12-18	Airbus Defense and Space S.A.	CN-235; CN-235-100 and -200
2016-11-15		Fokker Services B.V.	F28 Mark 0070 and 0100
2016-11-17		The Boeing Company	787-8
2016-11-18		The Boeing Company	787
2016-11-20		B/E Aerospace	Protective Breathing Equipment (PBE)
2016-11-22		Fokker Services B.V.	F.28 Mark 0070 and 0100
2016-12-03	R 2011-17-10	Fokker Services B.V.	F.28 Mark 1000
Biweekly 2016-13			
2016-11-14		Fokker Services B.V.	F.28 Mark 1000, 2000, 3000, and 4000 airplanes
2016-11-16		The Boeing Company	777-200 and -300 series airplanes
2016-11-19		Airbus	A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, -313, -541, and -642 airplanes

LARGE AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
2016-12-04		Airbus	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2016-12-05	R 2014-15-04	Saab AB, Saab Aeronautics	SAAB 2000 airplanes
2016-12-09	R 2016-09-11	Airbus	A330-201, -202, -203, -223, -223F, -243 -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, and -313 airplanes
2016-12-10	R 2016-09-07	Airbus	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2016-12-11		The Boeing Company	787-8 airplanes
2016-12-12	R 2008-05-18 R1	Fokker Services B.V.	F.27 Mark 050, 200, 300, 400, 500, 600, and 700 airplanes
2016-12-14		Embraer S.A.	ERJ 170-100 LR, -100 STD, -100 SE., and -100 SU; ERJ 170-200 LR, -200 SU, and -200 STD; ERJ 190-100 STD, -100 LR, -100 IGW, -200 STD, -200 LR, and -200 IGW airplanes
2016-12-15	R 2016-07-30	Airbus	A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, -313, -541, and -642 airplanes
2016-13-01	R 2016-08-05	Bombardier, Inc.	CL-600-2C10 (Regional Jet Series 700, 701, & 702); CL-600-2D15 (Regional Jet Series 705); CL-600-2D24 (Regional Jet Series 900); CL-600-2E25 (Regional Jet Series 1000) airplanes
2016-13-02	R 2016-09-04	Bombardier, Inc.	CL-600-2B19 (Regional Jet Series 100 & 440) airplanes
2016-13-05		General Electric Company	GE90-76B, GE90-77B, GE90-85B, GE90-90B, and GE90-94B turbofan engines
Biweekly 2016-14			
2016-13-03		The Boeing Company	767-200, -300, -300F, and -400ER series airplanes
2016-13-05	COR	General Electric Company	GE90-76B, GE90-77B, GE90-85B, GE90-90B, and GE90-94B turbofan engines
2016-13-06		Saab AB, Saab Aeronautics	340A (SAAB/SF340A), SAAB 340B airplanes
2016-13-08		Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, and B4-203, B4-601, B4-603, B4-620, B4-622, B4-605R, B4-622R, F4-605R, F4-622R, and C4-605R Variant F airplanes
2016-13-10	R 2012-12-04	The Boeing Company	737-300, -400, and -500 series
2016-13-11	R 2008-05-06	The Boeing Company	737-100, -200, -300, -400, and -500 series
2016-13-12		Rolls-Royce Deutschland GmbH	BR700-710A1-10, BR700-710A2-20, BR700-710C4-11 engines
2016-13-13		Beechcraft Corporation	BAe.125 series 1000A and 1000B, and Hawker 1000 airplanes
2016-13-14		Bombardier, Inc.	DHC-8-400, -401 and -402 airplanes
2016-13-16		The Boeing Company	737-600, -700, -700C, -800, -900, and 900ER series airplanes
2016-14-02	R 2012-18-12	Airbus	A318-111, -112, -121, and -122, A319-111, -112, -113, -114, -115, -131, -132, and -133, 320-211, -212, -214, -231, -232, and -233 airplanes
2016-14-03		Airbus	A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-211, -212, -214, -231, -232, and -233, A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2016-14-04		The Boeing Company	787-8 series
Biweekly 2016-15			
2016-13-09		Bombardier, Inc	CL-600-2B16 (CL-604 Variant)
2016-13-15		Dassault Aviation	FALCON 7X
2016-14-01		Airbus	A330-223F and -243F; A330-201, -202, -203, -223, and -243; A330-301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, and -213; A340-311, -312, and -313; A340-541; A340-642
2016-14-07		Bombardier, Inc	CL-600-2B19 (Regional Jet Series 100 & 440); CL-600-2C10 (Regional Jet Series 700, 701, & 702); CL-600-2D15

LARGE AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
2016-14-08	R 2015-10-03	Airbus	(Regional Jet Series 705); CL-600-2D24 (Regional Jet Series 900); CL-600-2E25 (Regional Jet Series 1000) A330-201, -202, -203, -223, -223F, -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343; A340-211, -212, -213, -311, -312, and -313; A340-541 and -642
2016-14-09	R 2014-14-06	Airbus	A318-111 and -112; A319-111, -112, -113, -114, and -115; A320-211, -212, and -214; A321-111, -112, -211, -212, and -213
2016-15-01		Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, and B4-203; A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R and F4-622R; A300 C4-605R Variant F; A310-203, -204, -221, -222, -304, -322, -324, and -325
Biweekly 2016-16			
2016-14-01	COR	Airbus	A330-223F and -243F, A330-201, -202, -203, -223, and -243, A330-301, -302, -303, -321, -322, -323, -341, -342, and -343, A340-211, -212, and -213, A340-311, -312, and -313, A340-541, A340-642 airplanes
2016-14-10	S 2013-02-02	CFM International, S.A.	CFM56-3, CFM56-3B, and CFM56-3C turbofan engines
2016-15-03		Bombardier Inc.	BD-700-1A10 and BD-700-1A11
2016-15-04		The Boeing Company	757-200 and -200CB series
2016-15-05		Dassault Aviation	FALCON 900EX and FALCON 2000EX
2016-15-06		Bombardier, Inc.	BD-700-1A10 and BD-700-1A11
2016-15-07		Bombardier, Inc.	CL-600-2C10 (Regional Jet Series 700, 701, & 702), CL-600-2D15 (Regional Jet Series 705), CL-600-2D24 (Regional Jet Series 900), CL-600-2E25 (Regional Jet Series 1000)
2016-16-01		Airbus	A330-223F and -243F, A330-201, -202, -203, -223, and -243, A330-301, -302, -303, -321, -322, -323, -341, -342, and -343
2016-16-04		Fokker Services B.V.	F.28 Mark 1000, 2000, 3000, and 4000
2016-16-05		Fokker Services B.V.	F.28 Mark 1000, 2000, 3000, and 4000
2016-16-06		Airbus	A300 B4-603, A300 B4-605R, A300 B4-622R, A310-304, A310-324, and A310-325



2016-14-01 Airbus: Amendment 39-18582; Docket No. FAA-2016-3983; Directorate Identifier 2015-NM-009-AD.

(a) Effective Date

This AD becomes effective on August 16, 2016.

(b) Affected ADs

This AD affects the ADs specified in paragraphs (b)(1), (b)(2), and (b)(3) of this AD.

- (1) AD 2012-21-19, Amendment 39-17235 (77 FR 65812, October 31, 2012) ("AD 2012-21-19").
- (2) AD 2012-21-20, Amendment 39-17236 (77 FR 65799, October 31, 2012) ("AD 2012-21-20").
- (3) AD 2016-04-01, Amendment 39-18395 (81 FR 8134, February 18, 2016) ("AD 2016-04-01").

(c) Applicability

This AD applies to the airplanes identified in paragraphs (c)(1) through (c)(7) of this AD, certificated in any category.

- (1) Airbus Model A330-223F and -243F airplanes, all manufacturer serial numbers; except those on which Airbus Modification 204067 has been embodied in production.
- (2) Airbus Model A330-201, -202, -203, -223, and -243 airplanes, all manufacturer serial numbers; except those on which Airbus Modification 204067 has been embodied in production.
- (3) Airbus Model A330-301, -302, -303, -321, -322, -323, -341, -342, and -343 airplanes, all manufacturer serial numbers; except those on which Airbus Modification 204067 has been embodied in production.
- (4) Airbus Model A340-211, -212, and -213, airplanes, all manufacturer serial numbers.
- (5) Airbus Model A340-311, -312, and -313 airplanes, all manufacturer serial numbers.
- (6) Airbus Model A340-541 airplanes, all manufacturer serial numbers.
- (7) Airbus Model A340-642 airplanes, all manufacturer serial numbers.

(d) Subject

Air Transport Association (ATA) of America Code 29, Hydraulic Power.

(e) Reason

This AD was prompted by a report indicating that, during an operational test of a ram air turbine (RAT), the RAT did not deploy in automatic mode. We are issuing this AD to prevent non-deployment of the RAT, which, if preceded by a total engine flame-out, or during a total loss of normal electrical power generation, could result in reduced control of the airplane.

(f) Compliance

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

(g) Identification and Replacement for Certain Airbus Model A330, and A340-200 and -300 Airplanes

For Airbus Model A330-200 Freighter series airplanes, Model A330-200 and -300 series airplanes, and Model A340-200 and -300 series airplanes: Within 30 months after the effective date of this AD, identify the supplier, part number, and serial number of the installed RAT actuator, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-29-3126, dated June 12, 2014; or Airbus Service Bulletin A340-29-4097, dated June 12, 2014; as applicable.

(1) If the supplier identified is Arkwin Industries, and the identified RAT actuator part number and serial number are listed in Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015, and the serial number is included in table 2 of Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015, with a description of "correctly shimmed": Within 30 months after the effective date of this AD, re-identify the actuator and the RAT, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-29-3126, dated June 12, 2014; or Airbus Service Bulletin A340-29-4097, dated June 12, 2014; as applicable.

(2) If the supplier identified is Arkwin Industries, and the identified actuator RAT part number and serial number are listed in Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015, and the serial number is included in table 2 of Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015, with a description of "incorrectly shimmed": Within 30 months after the effective date of this AD, remove the actuator from the RAT, install a modified actuator, and re-identify the RAT, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-29-3126, dated June 12, 2014; or Airbus Service Bulletin A340-29-4097, dated June 12, 2014; as applicable.

(3) If the supplier identified is Arkwin Industries, and the identification plate for the RAT actuator is missing, or the part number and serial number are not listed in Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015: Within 30 months after the effective date of this AD, remove the actuator from the RAT, install a modified actuator, and re-identify the RAT, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-29-3126, dated June 12, 2014; or Airbus Service Bulletin A340-29-4097, dated June 12, 2014; as applicable.

(h) Identification and Replacement for Certain Airbus Model A340-500 and -600 Airplanes

For Airbus Model A340-500 and -600 airplanes: Within 30 months after the effective date of this AD, identify the part number and serial number of the installed RAT actuator, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A340-29-5025, dated June 16, 2014.

(1) If the identified RAT actuator part number and serial number are listed in Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014, and the serial number is included in table 2 of Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014, with a description of "correctly shimmed": Within 30 months after the effective date of this AD, re-identify the actuator and the RAT, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A340-29-5025, dated June 16, 2014.

(2) If the identified RAT actuator part number and serial number are listed in Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014, and the serial number is included in table 2 of Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014, with a description of "incorrectly shimmed": Within 30 months after the effective date of this AD, remove the actuator from the RAT, install a modified actuator, and re-identify the RAT, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A340-29-5025, dated June 16, 2014.

(3) If the identification plate for the RAT actuator is missing, or the part number and serial number are not listed in Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014: Within 30 months after the effective date of this AD, remove the actuator from the RAT, install a modified actuator, and re-identify the RAT, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A340-29-5025, dated June 16, 2014.

(i) Terminating Action for Certain Requirements of Other ADs

(1) For Airbus Model A330-200 Freighter, A330-200, and A330-300 series airplanes; and Model A340-200 and -300 series airplanes: Accomplishment of the actions required by paragraph (g)(1), (g)(2), or (g)(3) of this AD constitutes compliance with the requirements of paragraph (g)(1) of AD 2012-21-19, paragraph (g) of AD 2012-21-20, and paragraphs (g), (h), and (i) of AD 2016-04-01, for that airplane only.

(2) For Airbus Model A340-500 and -600 series airplanes: Accomplishment of the actions required by paragraphs (h)(1), (h)(2), and (h)(3) of this AD constitutes compliance with the requirements of paragraphs (h)(1) and (h)(2) of AD 2012-21-20, and paragraph (j) of 2016-04-01, for that airplane only.

(j) Parts Installation Limitations

As of the effective date of this AD, no person may install any RAT actuator or any RAT having a part number identified in table 1 to paragraph (j) of this AD on any airplane, unless it meets the conditions specified in paragraph (j)(1) or (j)(2) of this AD, as applicable.

Table 1 to Paragraph (j) of This AD—Affected Part Numbers

Affected Airbus airplane models	RAT part No.	RAT actuator part No.
Model A330-200 and -300 series airplanes	1702934C, 1702934D, 766351A, 768084A, 770379A, 770952C, 770952D, 770952E	5912958, 5915768
Model A330-200 Freighter series airplanes	1702934C, 1702934D, 766351A, 768084A, 770379A, 770952C, 770952D, 770952E	5912958, 5915768
Model A340-200 and -300 series airplanes	1702934C, 1702934D, 766351A, 768084A, 770379A, 770952C, 770952D, 770952E	5912958, 5915768
Model A340-500 and -600 series airplanes	772722H, 772722J, 772722L	5912536, 5915769

(1) For Airbus Model A330-200 Freighter series airplanes; Model A330-200, and A330-300 series airplanes; and Model A340-200 and -300 series airplanes: The RAT actuator or RAT has a serial number listed as affected and modified in Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015, and the RAT has been re-identified in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-29-3126, dated June 12, 2014; or Airbus Service Bulletin A340-29-4097, dated June 12, 2014.

(2) For Airbus Model A340-500 and -600 series airplanes: The RAT actuator or the RAT has a serial number listed as affected and modified in Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014, and the RAT has been re-identified in accordance with the Accomplishment Instructions of Airbus Service Bulletin A340-29-5025, dated June 16, 2014.

(k) Credit for Previous Actions

(1) This paragraph provides credit for the RAT and RAT actuator identification specified in paragraphs (g)(1), (g)(2), and (g)(3) of this AD if that identification was performed before the effective date of this AD using Hamilton Sundstrand Service Bulletin ERPS06M-29-21, dated May 27, 2014, which is not incorporated by reference in this AD.

(2) This paragraph provides credit for the RAT or RAT actuator identification and modification specified in paragraph (j)(1) of this AD, if those actions were performed before the effective date of this AD using Hamilton Sundstrand Service Bulletin ERPS06M-29-21, dated May 27, 2014, which is not incorporated by reference in this AD.

(l) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1138; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. 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. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Airbus's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) Required for Compliance (RC): If any Airbus service information contains procedures or tests that are identified as RC, those procedures and tests must be done to comply with this AD; any procedures or tests that are not identified as RC are recommended. Those procedures and tests that are not identified as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the procedures and tests identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to procedures or tests identified as RC require approval of an AMOC.

(m) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2015-0008, dated January 15, 2015, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-3983.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (n)(4) and (n)(5) of this AD.

(n) 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 this AD specifies otherwise.

(3) The following service information was approved for IBR on August 16, 2016 (81 FR 44983, July 12, 2016).

(i) Airbus Service Bulletin A330-29-3126, dated June 12, 2014.

(ii) Airbus Service Bulletin A340-29-4097, dated June 12, 2014.

(iii) Airbus Service Bulletin A340-29-5025, dated June 16, 2014.

(iv) Hamilton Sundstrand Service Bulletin ERPS06M-29-21, Revision 1, dated April 14, 2015.

(v) Hamilton Sundstrand Service Bulletin ERPS33T-29-7, dated June 6, 2014.

(4) For Airbus service information identified in this AD, contact Airbus SAS, Airworthiness Office–EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 45 80; email airworthiness.A330-A340@airbus.com; Internet <http://www.airbus.com>.

(5) For Hamilton Sundstrand service information identified in this AD, contact Hamilton Sundstrand, Technical Publications, Mail Stop 302-9, 4747 Harrison Avenue, P.O. Box 7002, Rockford, IL 61125-7002; telephone 860-654-3575; fax 860-998-4564; email tech.solutions@hs.utc.com; Internet <http://www.hamiltonsundstrand.com>.

(6) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(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 Renton, Washington, on July 25, 2016.

Victor Wicklund,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-14-10 CFM International, S.A. Turbofan Engines Modified by Supplemental Type Certificate SE00034EN: Amendment 39-18591; Docket No. FAA-2012-1289; Directorate Identifier 2012-NE-43-AD.

(a) Effective Date

This AD is effective August 9, 2016.

(b) Affected ADs

This AD supersedes AD 2013-02-02.

(c) Applicability

This AD applies to CFM International, S.A. CFM56-3, CFM56-3B, and CFM56-3C turbofan engines, modified by Supplemental Type Certificate SE00034EN, with a high-pressure turbine (HPT) disk, part number (P/N) 880026, serial number (S/N) GKLBA9307, GKLBA9335, GKLBA9404, GKLBA9407, or GKLBA9409, installed.

(d) Unsafe Condition

This AD was prompted by reports that certain HPT disk serial numbers in AD 2013-02-02 and in certain Pratt & Whitney service information are incorrect. We are issuing this AD to prevent uncontained release of multiple turbine blades, damage to the engine, and damage to the airplane.

(e) Compliance

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

(1) For CFM56-3, CFM56-3B, and CFM56-3C turbofan engines operating to 20,100 lbs maximum takeoff (MTO) thrust, remove the HPT disk from service on or before accumulating 8,000 cycles-since-new (CSN).

(2) For CFM56-3B and CFM56-3C turbofan engines operating to 22,100 lbs MTO thrust, remove the HPT disk from service on or before accumulating 8,000 CSN.

(3) For CFM56-3C turbofan engines operating to 23,500 lbs MTO thrust, remove the HPT disk from service on or before accumulating 4,000 CSN.

(4) For HPT disks that have been used in multiple models or thrust installations, use the formula in the ADDED DATA section of Pratt & Whitney Special Instruction 6F-12, Revision A, dated May 17, 2016 to calculate the remaining life on the disk.

(f) Alternative Methods of Compliance (AMOCs)

The Manager, Engine Certification Office, FAA, may approve AMOCs for this AD. Use the procedures found in 14 CFR 39.19 to make your request. You may email your request to: ANE-AD-AMOC@faa.gov.

(g) Related Information

For more information about this AD, contact Kenneth Steeves, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7765; fax: 781-238-7199; email: kenneth.steeves@faa.gov.

(h) 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.

(i) Pratt & Whitney Corp. Special Instruction No. 6F-12, Revision A, dated May 17, 2016.

(ii) Reserved.

(3) For Pratt & Whitney service information identified in this AD, contact Pratt & Whitney, 400 Main St., East Hartford, CT 06108; phone: 860-565-7700; fax: 860-565-1605.

(4) You may view this service information at FAA, Engine & Propeller Directorate, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7125.

(5) You may view this service information 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 July 11, 2016.

Colleen M. D'Alessandro,
Manager, Engine & Propeller Directorate,
Aircraft Certification Service.



2016-15-03 Bombardier, Inc.: Amendment 39-18594. Docket No. FAA-2015-8435; Directorate Identifier 2015-NM-049-AD.

(a) Effective Date

This AD is effective August 31, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Bombardier Inc. Model BD-700-1A10 and BD-700-1A11 airplanes, certificated in any category, serial numbers (S/Ns) 9002 through 9515 inclusive and S/N 9998.

(d) Subject

Air Transport Association (ATA) of America Code 52, Doors.

(e) Reason

This AD was prompted by reports of operator inability to open the main passenger door following severe hot soak conditions. We are issuing this AD to prevent thermal expansion and permanent deformation at severe hot soak conditions, creating high friction between the spring pot housing and the slider that could result in inability to open the main passenger door that could impede evacuation in the event of an emergency.

(f) Compliance

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

(g) Modification

Within 15 months after the effective date of this AD, incorporate the new configuration to the passenger door external handle detent, in accordance with the Accomplishment Instructions of the applicable service information identified in paragraphs (g)(1) through (g)(4) of this AD:

(1) Bombardier Service Bulletin 700-1A11-52-021, Revision 01, dated February 3, 2015 (for Model BD-700-1A11 airplanes).

(2) Bombardier Service Bulletin 700-52-044, Revision 01, dated February 3, 2015 (for Model BD-700-1A10 airplanes).

(3) Bombardier Service Bulletin 700-52-5008, Revision 01, dated February 3, 2015 (for Model BD-700-1A11 airplanes).

(4) Bombardier Service Bulletin 700-52-6008, Revision 01, dated February 3, 2015 (for Model BD-700-1A10 airplanes).

(h) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using the following service information, as applicable. This service information is not incorporated by reference in this AD.

- (1) Bombardier Service Bulletin 700-1A11-52-021, dated November 9, 2012.
- (2) Bombardier Service Bulletin 700-52-044, dated November 9, 2012.
- (3) Bombardier Service Bulletin 700-52-5008, dated November 9, 2012.
- (4) Bombardier Service Bulletin 700-52-6008, dated November 9, 2012.

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, New York Aircraft Certification Office (ACO), ANE-170, 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 ACO, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; fax 516-794-5531. 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. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, New York ACO, ANE-170, FAA; or Transport Canada Civil Aviation (TCCA); or Bombardier, Inc.'s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

(j) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian Airworthiness Directive CF-2015-03, dated March 26, 2015, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-8435.

(k) 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 this AD specifies otherwise.

- (i) Bombardier Service Bulletin 700-1A11-52-021, Revision 01, dated February 3, 2015.
- (ii) Bombardier Service Bulletin 700-52-044, Revision 01, dated February 3, 2015.
- (iii) Bombardier Service Bulletin 700-52-5008, Revision 01, dated February 3, 2015.
- (iv) Bombardier Service Bulletin 700-52-6008, Revision 01, dated February 3, 2015.

(3) For service information identified in this AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; telephone 514-855-5000; fax 514-855-7401; email thd.crj@aero.bombardier.com; Internet <http://www.bombardier.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 19, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-15-04 The Boeing Company: Amendment 39-18595; Docket No. FAA-2016-3700; Directorate Identifier 2015-NM-171-AD.

(a) Effective Date

This AD is effective September 2, 2016.

(b) Affected ADs

None.

(c) Applicability

(1) This AD applies to all The Boeing Company Model 757-200 and -200CB series airplanes, certificated in any category.

(2) Installation of Supplemental Type Certificate (STC) ST01518SE (http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgSTC.nsf/0/38B606833BBD98B386257FAA00602538?OpenDocument&Highlight=st01518se) does not affect the ability to accomplish the actions required by this AD. Therefore, for airplanes on which STC ST01518SE is installed, a "change in product" alternative method of compliance (AMOC) approval request is not necessary to comply with the requirements of 14 CFR 39.17.

(d) Subject

Air Transport Association (ATA) of America Code 53, Fuselage.

(e) Unsafe Condition

This AD was prompted by an evaluation by the design approval holder indicating that the lap splices at stringer S-14R, lower fastener row, are subject to widespread fatigue damage. We are issuing this AD to detect and correct cracking of the fuselage skin lap splice. Such cracking could result in reduced structural integrity of the airplane.

(f) Compliance

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

(g) Inspections

At the applicable time specified in paragraph 1.E., "Compliance," of Boeing Alert Service Bulletin 757-53A0102, dated October 8, 2015, except as required by paragraph (h) of this AD: Do an external dual frequency eddy current inspection or internal high frequency eddy current inspection for cracking of the lap splice, inner skin lower fastener row, at stringer S-14R, station (STA) 440 through STA 540, in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin 757-53A0102, dated October 8, 2015. Repeat either inspection thereafter at the time specified in

paragraph 1.E., "Compliance," of Boeing Alert Service Bulletin 757-53A0102, dated October 8, 2015.

(h) Service Information Exceptions

Where Boeing Alert Service Bulletin 757-53A0102, dated October 8, 2015, specifies a compliance time "after the original issue date of this service bulletin," this AD requires compliance within the specified compliance time after the effective date of this AD.

(i) Repair

If any crack is found during any inspection required by this AD, before further flight, repair using a method approved in accordance with the procedures specified in paragraph (j) of this AD.

(j) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Los Angeles Aircraft Certification Office (ACO), 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 ACO, send it to the attention of the person identified in paragraph (k) of this AD. Information may be emailed to: 9-ANM-LAACO-AMOC-Requests@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.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by the Boeing Commercial Airplanes ODA that has been authorized by the Manager, Los Angeles ACO, to make those findings. To be approved, the repair method, modification deviation, or alteration deviation must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

(4) Except as required by paragraph (h) of this AD: For service information that contains steps that are labeled as Required for Compliance (RC), the provisions of paragraphs (j)(4)(i) and (j)(4)(ii) of this AD apply.

(i) The steps labeled as RC, including substeps under an RC step and any figures identified in an RC step, must be done to comply with the AD. An AMOC is required for any deviations to RC steps, including substeps and identified figures.

(ii) Steps not labeled as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the RC steps, including substeps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition.

(k) Related Information

For more information about this AD, contact Eric Schrieber, Aerospace Engineer, Airframe Branch, ANM-120L, FAA, Los Angeles ACO, 3960 Paramount Boulevard, Lakewood, CA 90712-4137; phone: 562-627-5348; fax: 562-627-5210; email: eric.schrieber@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.

(i) Boeing Alert Service Bulletin 757-53A0102, dated October 8, 2015.

(ii) Reserved.

(3) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P. O. Box 3707, MC 2H-65, Seattle, WA 98124-2207; telephone: 206-544-5000, extension 1; fax: 206-766-5680; Internet: <https://www.myboeingfleet.com>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(4) You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-15-05 Dassault Aviation: Amendment 39-18596; Docket No. FAA-2016-5594; Directorate Identifier 2014-NM-169-AD.

(a) Effective Date

This AD is effective September 8, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Dassault Aviation Model FALCON 900EX and FALCON 2000EX airplanes, certificated in any category.

(d) Subject

Air Transport Association (ATA) of America Code 27, Flight Controls.

(e) Reason

This AD was prompted by a review that identified a nonconformity between the torque value applied to the screw-nuts of aileron servo actuators, and the torque value specified by the type design. We are issuing this AD to prevent desynchronization between two servo actuator barrels, which could lead to reduced control of the airplane during roll maneuvers at low altitude.

(f) Compliance

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

(g) Replacement of Aileron Servo Actuator

At the later of the applicable times specified in paragraphs (g)(1) and (g)(2) of this AD: Replace each affected aileron servo actuator, as identified in figure 1 to paragraph (g) of this AD (for Model FALCON 900EX airplanes) or figure 2 to paragraph (g) of this AD (for Model FALCON 2000EX airplanes), with a serviceable part in accordance with the Accomplishment Instructions of Dassault Service Bulletin F900EX-476, Revision 1, dated June 25, 2014; or Dassault Service Bulletin F2000EX-350, dated April 9, 2014; except where Dassault Service Bulletin F900EX-476, Revision 1, dated June 25, 2014; or F2000EX-350, dated April 9, 2014; specify to "remove" the applicable aileron servo actuator, this AD requires replacement of the applicable aileron servo actuator. A serviceable part is one that is specified in the "New P/N" column in the table of paragraph 3., "Material Information," of Dassault Service Bulletin F900EX-476, Revision 1, dated June 25, 2014; or Dassault Service Bulletin F2000EX-350, dated April 9, 2014.

(1) For airplanes on which the aileron servo actuator was not replaced during maintenance: At the later of the times specified in paragraphs (g)(1)(i) and (g)(1)(ii) of this AD.

(i) Within 25 months or 1,640 flight hours, whichever occurs first, since the date of issuance of the original airworthiness certificate or date of issuance for the original export certificate of airworthiness.

(ii) Within 30 days after the effective date of this AD.

(2) For airplanes on which the aileron servo actuator was replaced during maintenance: At the later of the times specified in paragraphs (g)(2)(i) and (g)(2)(ii) of this AD.

(i) Within 1,640 flight hours after replacement of the aileron servo actuator during maintenance.

(ii) Within 30 days after the effective date of this AD.

Note 1 to paragraph (g) of this AD: The affected aileron servo actuators are known to be installed before airplane delivery on Model FALCON 900EX airplanes having serial numbers (S/Ns) 265 through 270 inclusive, S/N 272 and S/N 273; Model FALCON 2000EX airplanes having S/N 243, S/Ns 246 through 258 inclusive, S/Ns 260 through 263 inclusive, S/Ns 702 through 710 inclusive and S/N 714; and during a maintenance operation on Model FALCON 900EX airplane having S/N 177, after airplane delivery.

Figure 1 to Paragraph (g) of This AD—Affected Actuators on Model FALCON 900EX Airplanes

Model FALCON 900EX airplane having S/N—	With actuator part number (P/N)—	And actuator S/N—
177	103117-06	5003
265	103117-06	5002
266	103117-05	5000
	103117-06	5007
267	103117-05	5001
268	103117-05	5004
269	103117-05	5005
	103117-06	5011
270	103117-06	5012
	103117-13	5017
272	103117-05	5010
	103117-14	5016
273	103117-13	5014
	103117-14	5020

**Figure 2 to Paragraph (g) of This AD—Affected Actuators on Model FALCON 2000EX
Airplanes**

Model FALCON 2000EX airplane having S/N—	With actuator P/N—	And actuator S/N—
243	103151-08	5002
246	103151-07 103151-08	5000 5003
247	103151-07 103151-08	5001 5006
248	103151-07 103151-08	5004 5007
249	103151-07 103151-08	5005 5012
250	103151-07 103151-08	5008 5013
251	103151-07 103151-08	5009 5014
252	103151-07 103151-08	5011 5016
253	103151-07 103151-08	5010 5015
254	103151-08 103151-07	5017 5018
255	103151-07 103151-08	5019 5022
256	103151-07 103151-08	5021 5023
257	103151-08 103151-07	5024 5026
258	103151-07 103151-08	5027 5033
260	103151-08 103151-07	5032 5035
261	103151-08 103151-07	5037 5041
262	103151-08 103151-07	5039 5047

263	103151-08	5044
	103151-09	5064
702	103151-07	5029
703	103151-07	5034
	103151-08	5042
704	103151-08	5036
	103151-07	5040
705	103151-08	5038
	103151-07	5046
706	103151-08	5043
	103151-07	5048
707	103151-07	5054
	103151-08	5057
708	103151-08	5045
	103151-07	5050
709	103151-08	5074
710	103151-07	5051
	103151-08	5053
714	103151-09	5065
	103151-10	5067

(h) Parts Installation Limitation

As of the effective date of this AD, no aileron servo actuator having a P/N and S/N listed in figure 1 to paragraph (g) of this AD or figure 2 to paragraph (g) of this AD is allowed to be installed on any airplane, unless the mark "D1" is included on the actuator repair placard.

Note 2 to paragraph (h) of this AD: The mark "D1" on an aileron servo actuator repair placard indicates that the affected part has been refurbished by an approved maintenance organization and is qualified as a serviceable part.

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, ANM-116, International Branch, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1139. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. 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. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Dassault Aviation's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(j) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2014-0184, dated August 7, 2014, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-5594.

(k) 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 this AD specifies otherwise.

(i) Dassault Service Bulletin F900EX-476, Revision 1, dated June 25, 2014.

(ii) Dassault Service Bulletin F2000EX-350, dated April 9, 2014.

(3) For service information identified in this AD, contact Dassault Falcon Jet, P.O. Box 2000, South Hackensack, NJ 07606; telephone 201-440-6700; Internet <http://www.dassaultfalcon.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-15-06 Bombardier, Inc.: Amendment 39-18597; Docket No. FAA-2016-5459; Directorate Identifier 2015-NM-148-AD.

(a) Effective Date

This AD is effective September 8, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Bombardier, Inc. Model BD-700-1A10 and BD-700-1A11 airplanes, certificated in any category, having serial numbers (S/Ns) 9002 through 9704 inclusive, and 9998.

(d) Subject

Air Transport Association (ATA) of America Code 35, Oxygen.

(e) Reason

This AD was prompted by a design review, which found that the burst pressure of the flexible hose used to vent oxygen from the high-pressure relief valve of the oxygen cylinder overboard is lower than the opening pressure of the high-pressure relief valve. This pressure difference could cause the flexible hose to burst before it is able to vent excess oxygen overboard. We are issuing this AD to prevent the accumulation of excess oxygen in an enclosed space, which could, if near a source of ignition, cause an uncontrolled oxygen-fed fire.

(f) Compliance

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

(g) Modification

Within 2,500 flight hours or 42 months, whichever occurs first, after the effective date of this AD, incorporate Bombardier Modsum R700T400542 by replacing the oxygen flexible relief hoses for the crew oxygen bottles with new metal design hoses, in accordance with the Accomplishment Instructions of the applicable service information specified in paragraphs (g)(1) through (g)(4) of this AD. Airplanes with serial numbers listed in table 1 of paragraph 1, "Planning information," of the service information specified in paragraphs (g)(2) and (g)(4) of this AD have incorporated Modsum R700T400542 and meet the requirements of this paragraph.

(1) For Model BD-700-1A10 airplanes having S/Ns 9002 through 9312 inclusive, 9314 through 9380 inclusive, and 9384 through 9429 inclusive: Bombardier Service Bulletin 700-35-013, Revision 01, dated July 22, 2015.

(2) For Model BD-700-1A10 airplanes having S/Ns 9313, 9381, and 9432 through 9704 inclusive: Bombardier Service Bulletin 700-35-6001, Revision 01, dated July 22, 2015.

(3) For Model BD-700-1A11 airplanes having S/Ns 9127 through 9383 inclusive, 9389 through 9400 inclusive, 9404 through 9431 inclusive, and 9998: Bombardier Service Bulletin 700-1A11-35-012, Revision 01, dated July 22, 2015.

(4) For Model BD-700-1A11 airplanes having S/Ns 9386, 9401, and 9445 through 9702 inclusive: Bombardier Service Bulletin 700-35-5001, Revision 01, dated July 22, 2015.

(h) Parts Installation Prohibition

As of the effective date of this AD, no person may install on any airplane oxygen hoses in the low-pressure/high-pressure discharge system with part numbers listed in the "Used Part No." column of Section 3.A, "Kit," of the applicable service information specified in paragraphs (g)(1) through (g)(4) of this AD.

(i) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using the applicable service information identified in paragraphs (i)(1) through (i)(4) of this AD, which are not incorporated by reference in this AD.

- (1) Bombardier Service Bulletin 700-35-013, dated February 20, 2015;
- (2) Bombardier Service Bulletin 700-35-5001, dated February 20, 2015;
- (3) Bombardier Service Bulletin 700-35-6001, dated February 20, 2015; and
- (4) Bombardier Service Bulletin 700-1A11-35-012, dated February 20, 2015.

(j) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, New York Aircraft Certification Office (ACO), ANE-170, 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 ACO, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; fax 516-794-5531. 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. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, New York ACO, ANE-170, FAA; or Transport Canada Civil Aviation (TCCA); or Bombardier, Inc.'s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

(k) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian Airworthiness Directive CF-2015-25, dated September 10, 2015, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-5459.

(I) 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 this AD specifies otherwise.

(i) Bombardier, Inc. Service Bulletin 700-35-013, Revision 01, dated July 22, 2015.

(ii) Bombardier, Inc. Service Bulletin 700-35-5001, Revision 01, dated July 22, 2015.

(iii) Bombardier Service Bulletin 700-35-6001, Revision 01, dated July 22, 2015.

(iv) Bombardier Service Bulletin 700-1A11-35-012, Revision 01, dated July 22, 2015.

(3) For service information identified in this AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; telephone 514-855-5000; fax 514-855-7401; email thd.crj@aero.bombardier.com; Internet <http://www.bombardier.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-15-07 Bombardier, Inc.: Amendment 39-18598; Docket No. FAA-2016-5463; Directorate Identifier 2016-NM-013-AD.

(a) Effective Date

This AD is effective September 2, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the airplanes, certificated in any category, identified in paragraphs (c)(1), (c)(2), (c)(3), and (c)(4) of this AD.

(1) Bombardier, Inc. Model CL-600-2C10 (Regional Jet Series 700, 701, & 702) airplanes, serial numbers 10002 through 10342 inclusive.

(2) Bombardier, Inc. Model CL-600-2D15 (Regional Jet Series 705) airplanes, serial numbers 15001 through 15361 inclusive.

(3) Bombardier, Inc. Model CL-600-2D24 (Regional Jet Series 900) airplanes, serial numbers 15001 through 15361 inclusive.

(4) Bombardier, Inc. Model CL-600-2E25 (Regional Jet Series 1000) airplanes, serial numbers 19001 through 19041 inclusive.

(d) Subject

Air Transport Association (ATA) of America Code 27, Flight controls.

(e) Reason

This AD was prompted by reports of corrosion found on the slat and flap torque tubes in the slat and flap control system. We are issuing this AD to prevent rupture of a corroded slat or flap torque tube. This condition could result in an inoperative slat or flap system and consequent reduced controllability of the airplane.

(f) Compliance

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

(g) Replace Slat and Flap Torque Tubes in the Slat and Flap Control System

Within the compliance times specified in paragraph (g)(1), (g)(2), or (g)(3) of this AD, as applicable: Replace the slat and flap torque tubes in the slat and flap control system with new or modified slat and flap torque tubes, in accordance with the Accomplishment Instructions of Bombardier Service Bulletin 670BA-27-067, Revision A, dated February 23, 2015.

(1) For airplanes that have accumulated 28,000 total flight hours or less as of the effective date of this AD, or 137 months or less since the date of issuance of the original Canadian certificate of airworthiness or date of issuance of the original Canadian export certificate of airworthiness as of the effective date of this AD: Before the accumulation of 34,000 total flight hours or within 167 months since the date of issuance of the original Canadian certificate of airworthiness or date of issuance of the original Canadian export certificate of airworthiness, whichever occurs first.

(2) For airplanes that have accumulated more than 28,000 total flight hours but not more than 36,000 total flight hours as of the effective date of this AD, and more than 137 months but not more than 176 months since the date of issuance of the original Canadian certificate of airworthiness or date of issuance of the original Canadian export certificate of airworthiness as of the effective date of this AD: At the earlier of the times specified in paragraphs (g)(2)(i) and (g)(2)(ii) of this AD.

(i) Within 6,000 flight hours or 30 months, whichever occurs first, after the effective date of this AD.

(ii) Before the accumulation of 38,000 total flight hours, or within 186 months since the date of issuance of the original Canadian certificate of airworthiness or date of issuance of the original Canadian export certificate of airworthiness, whichever occurs first.

(3) For airplanes that have accumulated more than 36,000 total flight hours as of the effective date of this AD, or more than 176 months since the date of issuance of the original Canadian certificate of airworthiness or date of issuance of the original Canadian export certificate of airworthiness as of the effective date of this AD: Within 2,000 flight hours or 10 months, whichever occurs first, after the effective date of this AD.

(h) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Bombardier Service Bulletin 670BA-27-067, dated January 15, 2015.

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, New York Aircraft Certification Office (ACO), ANE-170, 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 ACO, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone: 516-228-7300; fax: 516-794-5531. 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. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, New York ACO, ANE-170, FAA; or Transport Canada Civil Aviation (TCCA); or Bombardier, Inc.'s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

(j) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian AD CF-2016-03R1, dated February 18, 2016, for related information. This MCAI may be found in the AD docket

on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-5463.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (k)(3) and (k)(4) of this AD.

(k) 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 this AD specifies otherwise.

(i) Bombardier Service Bulletin 670BA-27-067, Revision A, dated February 23, 2015.

(ii) Reserved.

(3) For service information identified in this AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; Widebody Customer Response Center North America toll-free telephone: 1-866-538-1247 or direct-dial telephone: 1-514-855-2999; fax: 514-855-7401; email: ac.yul@aero.bombardier.com; Internet <http://www.bombardier.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-16-01 Airbus: Amendment 39-18599; Docket No. FAA-2016-5460; Directorate Identifier 2015-NM-188-AD.

(a) Effective Date

This AD is effective September 8, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the Airbus airplanes identified in paragraphs (c)(1), (c)(2), and (c)(3) of this AD, certificated in any category, manufacturer serial numbers 1175, 1180, 1287 through 1475 inclusive, 1478, 1480, 1483, and 1506.

(1) Model A330-223F and -243F airplanes.

(2) Model A330-201, -202, -203, -223, and -243 airplanes.

(3) Model A330-301, -302, -303, -321, -322, -323, -341, -342, and -343 airplanes.

(d) Subject

Air Transport Association (ATA) of America Code 53, Fuselage.

(e) Reason

This AD was prompted by a report of a manufacturing defect (i.e. improperly heat treated materials) that affects the durability of affected parts in the cargo and cabin compartment. We are issuing this AD to prevent crack initiation and propagation, which could result in reduced structural integrity of the fuselage.

(f) Compliance

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

(g) Inspection of Affected Structure in the Cargo Compartment

Within 72 months since first flight of the airplane, do an eddy current inspection (i.e., conductivity measurement) of affected structural parts in the cargo compartment to determine if proper heat treatment has been done as identified in, and in accordance with, the Accomplishment Instructions of Airbus Service Bulletin A330-53-3227, dated August 18, 2015.

(h) Replacement of Non-Conforming Parts in the Cargo Compartment

If, during the inspection required by paragraph (g) of this AD, an affected structural part in the cargo compartment is identified to have a measured value greater than 26 megasiemens per meter (MS/m), or greater than 44.8% International Annealed Copper Standard (IACS), before further flight, replace the affected structural part with a serviceable part, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-53-3227, dated August 18, 2015.

(i) Repair of Non-Conforming Parts in the Cargo Compartment

If, during the inspection required by paragraph (g) of this AD, an affected structural part in the cargo compartment is identified to have a measured value other than those specified in Figure A-GFAAA, Sheet 01, "Inspection Flowchart," of Airbus Service Bulletin A320-53-3227, dated August 18, 2015, before further flight, repair using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Airbus's EASA Design Organization Approval (DOA).

(j) Inspection of Affected Structure in the Cabin Compartment

Within 72 months since first flight of the airplane, do an eddy current inspection of affected structural parts in the cabin compartment to determine if proper heat treatment has been done as identified in, and in accordance with, the Accomplishment Instructions of Airbus Service Bulletin A330-53-3228, dated August 18, 2015.

(k) Replacement of Non-Conforming Parts in the Cabin Compartment

If, during the inspection required by paragraph (j) of this AD, an affected structural part in the cabin compartment is identified to have a measured value greater than 26 MS/m or greater than 44.8% IACS, before further flight, replace the affected structural part with a serviceable part, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A330-53-3228, dated August 18, 2015.

(l) Repair of Non-Conforming Parts in the Cabin Compartment

If, during the inspection required by paragraph (j) of this AD, an affected structural part in the cabin compartment is identified to have a measured value other than those specified in Figure A-GFAAA, Sheet 01, "Inspection Flowchart," of Airbus Service Bulletin A320-53-3228, dated August 18, 2015, before further flight, repair using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the EASA; or Airbus's EASA DOA.

(m) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone: 425-227-1138; fax: 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. 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. The AMOC approval letter must specifically reference this AD.

(2) **Contacting the Manufacturer:** For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the EASA; or Airbus's EASA DOA. If approved by the DOA, the approval must include the DOA-authorized signature.

(3) **Required for Compliance (RC):** If any service information contains procedures or tests that are identified as RC, those procedures and tests must be done to comply with this AD; any procedures or tests that are not identified as RC are recommended. Those procedures and tests that are not identified as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the procedures and tests identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to procedures or tests identified as RC require approval of an AMOC.

(n) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA AD 2015-0212, dated November 4, 2015, for related information. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-5460.

(o) 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 this AD specifies otherwise.

(i) Airbus Service Bulletin A330-53-3227, dated August 18, 2015.

(ii) Airbus Service Bulletin A330-53-3228, dated August 18, 2015.

(3) For service information identified in this AD, contact Airbus SAS, Airworthiness Office–EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone: +33 5 61 93 36 96; fax: +33 5 61 93 45 80; email: airworthiness.A330-A340@airbus.com; Internet: <http://www.airbus.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-16-04 Fokker Services B.V.: Amendment 39-18602; Docket No. FAA-2015-8469; Directorate Identifier 2014-NM-105-AD.

(a) Effective Date

This AD is effective September 8, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Fokker Services B.V. Model F.28 Mark 1000, 2000, 3000, and 4000 airplanes, certificated in any category, all serial numbers.

(d) Subject

Air Transport Association (ATA) of America Code 28, Fuel.

(e) Reason

This AD was prompted by a design review that revealed insufficient measures were taken to ensure the correct locking of the attachments of the fuel quantity tank units (FQTUs) in each wing tank. When an FQTU becomes loose, this could lead to insufficient clearance between the FQTU and the adjacent tank structure or other metal parts, and under certain conditions, create an ignition source inside the wing fuel vapor space. We are issuing this AD to prevent an ignition source in the wing fuel tank vapor space, which could result in a wing fuel tank explosion and consequent loss of the airplane.

(f) Compliance

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

(g) Modification of the FQTUs

At the next scheduled opening of the fuel tanks after the effective date of this AD, but no later than 84 months after the effective date of this AD, modify the FQTU in each main wing tank by applying sealant to cover the nuts, washers, and stud ends of the FQTU attachments, and do an inspection for leakage of the tank access panels, in accordance with the Accomplishment Instructions of Fokker Service Bulletin SBF28-28-054, Revision 1, dated January 9, 2014; and the information in Fokker Manual Change Notification—Maintenance Documentation MCNM-F28-037, Rev 1, dated January 9, 2014. If any fuel leakage is found, before further flight, reapply the sealant, in accordance with the Accomplishment Instructions

of Fokker Service Bulletin SBF28-28-054, Revision 1, dated January 9, 2014; and the information in Fokker Manual Change Notification– Maintenance Documentation MCNM-F28-037, Rev 1, dated January 9, 2014.

(h) Revision of Maintenance or Inspection Program

Before further flight after completing the modification specified in paragraph (g) of this AD, or within 30 days after the effective date of this AD, whichever occurs later: Revise the airplane maintenance or inspection program, as applicable, by incorporating the fuel airworthiness limitation item and critical design configuration control limitation (CDCCL) specified in paragraph 1.L.(1)(c) of Fokker Service Bulletin SBF28-28-054, Revision 1, dated January 9, 2014. The initial compliance times for these tasks are at the latest of the times specified in paragraphs (h)(1), (h)(2), and (h)(3) of this AD.

(1) At the applicable time specified in Fokker Service Bulletin SBF28-28-050, Revision 3, dated December 11, 2014.

(2) Before further flight after completing the modification specified in paragraph (g) of this AD.

(3) Within 30 days after the effective date of this AD.

(i) No Alternative Actions, Intervals, and CDCCLs

After accomplishing the revision required by paragraph (h) of this AD, no alternative actions (e.g., inspections), intervals, or CDCCLs may be used unless the actions, intervals, or CDCCLs are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (k)(1) of this AD.

(j) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Fokker Service Bulletin SBF28-28-054, dated June 30, 2010.

(k) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. 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.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Fokker Services B.V.'s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(l) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2014-0106, dated May 7, 2014, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-8469.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (m)(3) and (m)(4) of this AD.

(m) 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 this AD specifies otherwise.

(i) Fokker Manual Change Notification–Maintenance Documentation MCNM-F28-037, Rev 1, dated January 9, 2014.

(ii) Fokker Service Bulletin SBF28-28-050, Revision 3, dated December 11, 2014.

(iii) Fokker Service Bulletin SBF28-28-054, Revision 1, dated January 9, 2014.

(3) For service information identified in this AD, contact Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL Hoofddorp, the Netherlands; telephone +31 (0)88-6280-350; fax +31 (0)88-6280-111; email technicalservices@fokker.com; Internet <http://www.myfokkerfleet.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-16-05 Fokker Services B.V.: Amendment 39-18603; Docket No. FAA-2015-8472; Directorate Identifier 2014-NM-106-AD.

(a) Effective Date

This AD is effective September 8, 2016.

(b) Affected ADs

This AD affects AD 2011-17-03, Amendment 39-16767 (76 FR 50115, August 12, 2011) ("AD 2011-17-03"); and AD 2011-21-01, Amendment 39-16824 (76 FR 63156, October 12, 2011) ("AD 2011-21-01").

(c) Applicability

This AD applies to Fokker Services B.V. Model F.28 Mark 1000, 2000, 3000, and 4000 airplanes, certificated in any category, all serial numbers.

(d) Subject

Air Transport Association (ATA) of America Code 28, Fuel.

(e) Reason

This AD was prompted by a design review that revealed a hot spot may develop in the main fuel tank under certain failure conditions of the solenoid of the level control pilot valve, the reed switch of the main tank overflow valve, the level float switch of the collector tank, or the solenoid of the main tank fueling shut-off valve. We are issuing this AD to prevent an ignition source in the main fuel tank vapor space, which could result in a fuel tank explosion and consequent loss of the airplane.

(f) Compliance

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

(g) Modification of Main Fuel Tank Wiring

Within 24 months after the effective date of this AD, install fuses in the wiring of the solenoid of the level control pilot valve, the reed switch of the main tank overflow valve, the level float switch of the collector tank, and the solenoid of the main tank fueling shut-off valve, as applicable, in accordance with the Accomplishment Instructions of Fokker F28 Appendix Service Bulletin SBF28-28-056/APP01, dated July 15, 2014, and Fokker Proforma Service Bulletin SBF28-28-056, dated January 9, 2014.

(h) Concurrent Requirements

Prior to or concurrently with accomplishing the requirements of paragraph (g) of this AD, do the actions specified in paragraphs (h)(1) and (h)(2) of this AD. Accomplishment of the actions in this paragraph terminates the requirement of paragraph (g) of AD 2011-17-03.

(1) Install fuses packed in jiffy junctions (i.e., crimped wire in-line junction device(s)), in accordance with the Accomplishment Instructions of the service information identified in paragraph (h)(1)(i) and the instructions of the service information identified in paragraph (h)(1)(ii) of this AD.

(i) Fokker Service Bulletin SBF28-28-049, Revision 2, dated November 3, 2014.

(ii) Fokker Manual Change Notification–Maintenance Documentation MCNM-F28-035, Rev 1, dated January 9, 2014.

Note 1 to paragraph (h)(1) of this AD: Accomplishment of this action is required by AD 2011-17-03.

(2) Rework the wiring and install fuses packed in jiffy junctions in the power supply wire of the solenoid in the left and right level control pilot valves, in accordance with the Accomplishment Instructions of the service information identified in paragraph (h)(2)(i) and the instructions of the service information identified in paragraph (h)(2)(ii) of this AD. Accomplishment of the actions in this paragraph terminates the requirement of paragraph (g) of AD 2011-21-01, for the actions specified in the Accomplishment Instructions of the service information identified in paragraph (h)(2)(i) and the instructions of the service information identified in paragraph (h)(2)(ii) of this AD only.

(i) Fokker Manual Change Notification–Maintenance Documentation MCNM-F28-034, Rev 1, dated January 9, 2014.

(ii) Fokker Service Bulletin SBF28-28-051, Revision 2, dated November 3, 2014.

Note 2 to paragraph (h)(2) of this AD: Accomplishment of this action is required by AD 2011-21-01.

(i) Revision of Maintenance or Inspection Program

Before further flight after completing the installation specified in paragraph (g) of this AD, or within 30 days after the effective date of this AD, whichever occurs later: Revise the airplane maintenance or inspection program, as applicable, by incorporating the critical design configuration control limitations (CDCCLs) specified in paragraph 1.L.(1)(c) of Fokker Proforma Service Bulletin SBF28-28-056, dated January 9, 2014.

(j) No Alternative CDCCLs

After accomplishing the revision required by paragraph (i) of this AD, no alternative CDCCLs may be used unless the CDCCLs are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (k)(1) of this AD.

(k) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance: The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue

SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. 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.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Fokker Services B.V.'s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(l) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2014-0107, dated May 7, 2014, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-8472.

(m) 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 this AD specifies otherwise.

(i) Fokker F28 Appendix Service Bulletin SBF28-28-056/APP01, dated July 15, 2014.

(ii) Fokker Manual Change Notification–Maintenance Documentation MCNM-F28-034 Rev 1, dated January 9, 2014.

(iii) Fokker Manual Change Notification–Maintenance Documentation MCNM-F28-035, Rev 1, dated January 9, 2014.

(iv) Fokker Proforma Service Bulletin SBF28-28-056, dated January 9, 2014.

(v) Fokker Service Bulletin SBF28-28-049, Revision 2, dated November 3, 2014.

(vi) Fokker Service Bulletin SBF28-28-051, Revision 2, dated November 3, 2014.

(3) For service information identified in this AD, contact Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL Hoofddorp, the Netherlands; telephone +31 (0)88-6280-350; fax +31 (0)88-6280-111; email technicalservices@fokker.com; Internet <http://www.myfokkerfleet.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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 Renton, Washington, on July 21, 2016.

Michael Kaszycki,
Acting Manager, Transport Airplane Directorate,
Aircraft Certification Service.



2016-16-06 Airbus: Amendment 39-18604; Docket No. FAA-2016-0466; Directorate Identifier 2014-NM-188-AD.

(a) Effective Date

This AD is effective September 8, 2016.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Airbus Model A300 B4-603, A300 B4-605R, A300 B4-622R, A310-304, A310-324, and A310-325 airplanes; certificated in any category; all manufacturer serial numbers (MSNs) in post-modification (MOD) 06924 configuration, except MSNs 464, 477, 479, 481, 482, 483, 484, and 488.

Note 1 to paragraph (c) of this AD: MSNs 464, 477, 479, 481, 482, 483, 484 and 488 partially embodied MOD 06924 by means of modification proposal D05902.

(d) Subject

Air Transport Association (ATA) of America Code 53, Fuselage.

(e) Reason

This AD was prompted by a report of a crack found on door frame (FR) 73A between stringers 24 and 25. We are issuing this AD to detect and correct cracking of the door frame, which could result in reduced structural integrity of the airplane.

(f) Compliance

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

(g) Inspections for Cracking

At the later of the compliance times specified in paragraphs (g)(1) and (g)(2) of this AD: Do a high frequency eddy current (HFEC) inspection for any crack around the rivet heads of the seal retainer run-out holes at FR 56A, FR 57A, and FR 73A, left-hand (LH) and right-hand (RH) sides on Model A300-600 airplanes; and at FR 73A, LH and RH sides on Model A310 airplanes; in accordance with the Accomplishment Instructions of Airbus Service Bulletin A310-53-2138, dated May 28, 2014; or Airbus Service Bulletin A300-53-6175, dated May 28, 2014; as applicable. Repeat the HFEC inspection thereafter at intervals not to exceed 7,500 flight cycles.

(1) Before the accumulation of 32,000 total flight cycles.

(2) Within 36 months after the effective date of this AD, or before the accumulation of 36,000 total flight cycles, whichever occurs first.

(h) Corrective Actions

If any crack is found during any inspection required by paragraph (g) of this AD, repair before further flight using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Airbus's EASA Design Organization Approval (DOA).

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Dan Rodina, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-2125; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. 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.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; EASA; or Airbus's EASA DOA. If approved by the DOA, the approval must include the DOA-authorized signature.

(3) Required for Compliance (RC): Except as required by paragraph (h) of this AD: If any service information contains procedures or tests that are identified as RC, those procedures and tests must be done to comply with this AD; any procedures or tests that are not identified as RC are recommended. Those procedures and tests that are not identified as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the procedures and tests identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to procedures or tests identified as RC require approval of an AMOC.

(j) Related Information

Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA AD 2014-0202R1, dated September 19, 2014, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-0466.

(k) 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 this AD specifies otherwise.

(i) Airbus Service Bulletin A300-53-6175, dated May 28, 2014.

(ii) Airbus Service Bulletin A310-53-2138, dated May 28, 2014.

(3) For service information identified in this AD, contact Airbus SAS, Airworthiness Office–EAW, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 44 51; email account.airworth-eas@airbus.com; Internet <http://www.airbus.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) 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>.

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Michael Kaszycki,
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Aircraft Certification Service.