FEDERAL AVIATION ADMINISTRATION
AIRWORTHINESS DIRECTIVES

LARGE AIRCRAFT

BIWEEKLY 2020-15

7/6/2020 - 7/19/2020

Federal Aviation Administration
Continued Operational Safety Policy Section, AIR-141
P.O. Box 25082
Oklahoma City, OK 73125-0460

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LARGE AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E – Emergency; COR – Correction; R – Replaces, A – Affects			
Biweekly 2020-01			
2019-23-04		The Boeing Company	727, 727-100, 727C, 727-100C, 727-200, and 727-200F
2019-23-16		The Boeing Company	737-100, -200, -200C, -300, -400, and -500
2019-24-12		De Havilland Aircraft of Canada Limited	DHC-8-401 and -402
2019-24-13		Airbus SAS	A318-111, -112, -121, and -122, A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-211, -212, -214, -216, -231, -232, and -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2019-24-14		328 Support Services GmbH	328-100
2019-24-15		The Boeing Company	737-900ER
2019-24-16	R 2017-16-08	Embraer S.A	ERJ 190-100 STD, -100 LR, -100 ECJ, and -100 IGW, ERJ 190-200 STD, -200 LR, and -200 IGW
2019-24-18		The Boeing Company	727, 727C, 727-100, 727-100C, 727-200, and 727-200F, 757-200, -200PF, -200CB, and -300, 767-200, -300, -300F, and -400ER
2019-25-13		Engine Alliance	GP7270 and GP7277
2019-25-17		The Boeing Company	737-600, -700, -700C, -800, -900, and -900ER
Biweekly 2020-02			
2019-22-07		Bombardier, Inc	CL-600-2B19 (Regional Jet Series 100 & 440), CL-600-2C10 (Regional Jet Series 700, 701 & 702), CL-600-2D15 (Regional Jet Series 705), Model CL-600-2D24 (Regional Jet Series 900), Model CL-600-2E25 (Regional Jet Series 1000)
2019-23-14		The Boeing Company	37-100, -200, -200C, -300, -400, and -500
2019-24-01		Airbus SAS	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, -231, -212, -213, and -232, A330-201, -202, -203, -223, -223F, -243, and -243F, A340-211, -212, -213, -311, -312, -313, -541, and -642
2019-25-10		Fokker Services B.V	F28 Mark 0070 and 0100
2019-25-11		Viking Air Limited	CL-215-1A10, CL-215-6B11 (CL-215T Variant)
2019-25-12	R 2016-18-02	The Boeing Company	777-200 and -300ER
2019-25-14		The Boeing Company	777-300ER and 777F
2019-25-15		Fokker Services B.V	F28 Mark 0100
2019-25-16	R 2017-06-08	Embraer S.A	ERJ 170-100 LR, -100 STD, -100 SE, and -100 SU airplanes; and Model ERJ 170-200 LR, -200 SU, -200 STD, and -200 LL
2019-25-18		Bombardier, Inc	CL-600-2B19 (Regional Jet Series 100 & 440)
2019-25-19		Airbus SAS	A350-941
2020-01-11	R 2017-12-07	The Boeing Company	737-800, -900, and -900ER
2020-01-55	E	General Electric Company	GE90-110B1 and GE90-115B
Biweekly 2020-03			
2019-25-20		Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	382, 382B, 382E, 382F, and 382G; C-130A, C-130B, C-130BL, C-130E, C-130H, C-130H-30, C-130J, C-130J-30, EC-130Q, HC-130H, KC-130H, NC-130B, NC-130, and WC-130H airplanes
2019-25-55		The Boeing Company	737-300, -400, and -700 series airplanes
2019-26-01		Airbus SAS	A350-941 and -1041 airplanes
2020-01-12	A 2017-16-12	Airbus SAS	A318, A319, A320, A321 airplanes
2020-01-13	R 2018-19-26 A 2010-26-05	Dassault Aviation	MYSTERE-FALCON 200 airplanes
2020-01-14		Airbus SAS	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, and B4-203 airplanes
2020-01-17		Airbus SAS	A318, A319, A320, A321 airplanes
2020-01-18	R 2006-11-11	The Boeing Company	757-200, -200PF, -200CB, and -300 series airplanes

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Biweekly 2020-04

2019-26-10		Bombardier, Inc.	CL-600-2C10, -2D15, -2D25, -2E25 airplanes
2019-26-11		Airbus SAS	A319, A320, A321 airplanes
2020-01-10		Airbus SAS	A350-941 airplanes
2020-01-15		Airbus SAS	A300, A310 airplanes
2020-01-16	A 2014-25-52	Airbus SAS	A330, A340 airplanes
2020-01-55		General Electric Company	GE90-110B1 and GE90-115B model turbofan engines
2020-02-10		De Havilland Aircraft of Canada Limited	DHC-8-400, -401, and -402 airplanes
2020-02-12	R 2017-15-04	The Boeing Company	787 series airplanes
2020-02-13	R 2019-03-14 A 2010-26-05	Dassault Aviation	FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G airplanes
2020-02-14		Airbus SAS	A350-941 and -1041 airplanes
2020-02-15		Bombardier, Inc.	BD-700-1A10, BD-700-1A11 airplanes
2020-02-16		The Boeing Company	737-200, -200C, -300, -400, and -500 series airplanes
2020-02-18		Gulfstream Aerospace Corporation	GVI, GVII-G500, and GVII-G600 airplanes
2020-02-19	R 2003-09-04 R1	Bombardier, Inc.	CL-600-2B19 airplanes
2020-02-20	R 2014-24-07	Airbus SAS	A318, A319, A320, A321 airplanes
2020-02-21	R 2014-03-12 R 2018-19-25 A 2010-26-05	Dassault Aviation	FALCON 2000 airplanes
2020-02-22		Airbus SAS	A300, A310 airplanes
2020-03-11		The Boeing Company	707-100 long body, -200, -100B long body, -100B short body, -300, -300B, -300C, and -400 series; and 720 and 720B series airplanes
2020-03-12		Airbus SAS	A350-941 and -1041 airplanes

Biweekly 2020-05

2020-01-18	COR R 2006-11-11	The Boeing Company	757-200, -200PF, -200CB, and -300 series airplanes
2020-02-19	COR R 2003-09-04 R1	Bombardier, Inc.	CL-600-2B19 (Regional Jet series 100 & 440) airplanes
2020-03-10		The Boeing Company	737 series, except for 737-100, -200, -200C, -300, -400, and -500 series airplanes
2020-03-14		Airbus SAS	A350-941 and -1041 airplanes
2020-03-15		Airbus SAS	A321-211, -212, -213, -231, and -232 airplanes
2020-03-17	R 2015-24-04	Bombardier, Inc.	CL-600-2B19, -2C10, -2D15, -2D25, -2E25 airplanes
2020-03-18	R 2017-19-08	Airbus Defense and Space S.A.	C-212-CB, C-212-CC, C-212-CD, C-212-CE, and C-212-DF airplanes
2020-03-19	A 2010-26-05	Dassault Aviation	MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes
2020-03-20		The Boeing Company	MD-11, MD-11F, 717-200, 737-8, 737-9, 737-600, -700, -700C, -800, -900, and -900ER; 747-400 and 747-400F; 757-200, -200PF, -200CB, and -300; 767-200, -300, -300F, -400ER, and -2C; 777-200, -200LR, -300, and -300ER; 777F series airplanes
2020-03-21		Bombardier, Inc.	BD-700-1A10 and BD-700-1A11 airplanes
2020-03-22		The Boeing Company	787-8 airplanes
2020-03-23		Bombardier, Inc.	CL-600-2B19
2020-03-24	A 2010-26-05	Dassault Aviation	MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5 airplanes
2020-04-01		Pratt & Whitney	PW1519G, PW1521G, PW1521GA, PW1524G, PW1525G, PW1521G-3, PW1524G-3, PW1525G-3, PW1919G, PW1921G, PW1922G, PW1923G, and PW1923G-A model turbofan engines

Biweekly 2020-06

2020-04-10	A 2011-03-10	Airbus SAS	A330 airplanes
2020-04-11		The Boeing Company	747-400 series airplanes
2020-04-12	R 2012-22-05 R 2018-19-03	Fokker Services B.V.	F28 Mark 0070 and 0100 airplanes
2020-04-18		Airbus SAS	A330-941 airplanes

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2020-05-01		Rolls-Royce Deutschland Ltd & Co KG	Trent 1000-AE3, Trent 1000-CE3, Trent 1000-D3, Trent 1000-G3, Trent 1000-H3, Trent 1000-J3, Trent 1000-K3, Trent 1000-L3, Trent 1000-M3, Trent 1000-N3, Trent 1000-P3, Trent 1000-Q3, and Trent 1000-R3 model turbofan engines
2020-05-10		Dassault Aviation	FALCON 7X airplanes
2020-05-12		Gulfstream Aerospace Corporation	GVII-G500 and GVII-G600 airplanes
2020-05-13		Airbus Canada Limited Partnership	BD-500-1A11 airplanes
2020-05-14		Airbus SAS	A320-214, -232, -271N; A321-231 airplanes
2020-05-18		Airbus SAS	A350-941 and -1041 airplanes
2020-06-01	R 2018-25-09 R 2019-12-01	CFM International, S.A.	LEAP-1B21, -1B23, -1B25, -1B27, -1B28, -1B28B1, -1B28B2, -1B28B3, -1B28B2C, -1B28BBJ1, and -1B28BBJ2 model turbofan engines
Biweekly 2020-07			
2020-04-19	R 2017-15-01	The Boeing Company	777-200, -200LR, -300, -300ER, and 777F series airplanes
2020-05-13		Airbus Canada Limited Partnership	BD-500-1A11 airplanes
2020-05-14		Airbus SAS	A320-214, -232, -271N; A321-231 airplanes
2020-05-15		Airbus SAS	A319-131, -132, -133; A320-231, -232, -233; and A321-131, -231, -232 airplanes
2020-05-16		Airbus SAS	A319-115; A320-214, -216, -232, -251N, -271N; and A321-211, -231, -251N, -251NX, -253N, -271N, -271NX, -272N airplanes
2020-05-17		Airbus SAS	A318-112, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-216, A320-231, A320-232, A320-233, A320-251N, and A320-271N airplanes
2020-05-18		Airbus SAS	A350-941 and -1041 airplanes
2020-05-19		Airbus SAS	A319-112, -115, -132; and A320-214, -216, -232 -233 airplanes
2020-05-21		Yaborã Indústria Aeronáutica S.A.	ERJ 190-100 STD, -100 LR, -100 ECJ, -100 IGW, -200 STD, -200 LR, and -200 IGW airplanes
2020-05-22		Yaborã Indústria Aeronáutica S.A.	ERJ 170-100 LR, -100 STD, -100 SE, -100 SU; and ERJ 170-200 LR, -200 SU, -200 STD, -200 LL airplanes
2020-05-24	R 2010-26-01	The Boeing Company	777-200 series airplanes
2020-05-28	R 2019-11-08	International Aero Engines LLC	PW1133G-JM, PW1133GA-JM, PW1130G-JM, PW1129G-JM, PW1127G-JM, PW1127GA-JM, PW1127G1-JM, PW1124G-JM, PW1124G1-JM, and PW1122G-JM turbofan engines
2020-06-02		International Aero Engines LLC	PW1122G-JM, PW1124G1-JM, PW1124G-JM, PW1127GA-JM, PW1127G1-JM, PW1127G-JM, PW1133G-JM, PW1133GA-JM, PW1130G-JM, and PW1129G-JM turbofan engines
2020-06-14		The Boeing Company	787-8, 787-9, and 787-10 airplanes
2020-07-51	E	International Aero Engines AG	V2522-A5, V2524-A5, V2525-D5, V2527-A5, V2527E-A5, V2527M-A5, V2528-D5, V2530-A5, and V2533-A5 turbofan engines
Biweekly 2020-08			
2020-04-15		The Boeing Company	757-200, -200PF, -200CB, and -300 series; 767-200, -300, and -300F series airplanes
2020-04-16		Yaborã Ind[uacute]stria Aeronáutica S.A.	ERJ 190-100 STD, -100 LR, -100 IGW, -200 STD, -200 LR, and -200 IGW airplanes
2020-04-17		Airbus SAS Model	A350-941 and -1041 airplanes
2020-04-20		De Havilland Aircraft of Canada Limited	DHC-8-400, -401, and -402 airplanes
2020-04-22	R 2018-19-27 R 2014-16-12 A 2010-26-05	Dassault Aviation	FALCON 2000EX airplanes
2020-05-25		The Boeing Company	757-200, -200PF, -200CB, and -300 series airplanes
2020-05-26		The Boeing Company	787-8 airplanes

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2020-05-27		Bombardier, Inc.	BD-700-1A10 and BD-700-1A11 airplanes
2020-06-10		Airbus SAS	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, and -133; A320-211, -212, -214, -216, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2020-06-15		Fokker Services B.V.	F28 Mark 0100 airplanes
2020-06-16	R 2017-03-02	Rolls-Royce Deutschland Ltd. & Co. KG	RB211 Trent 768-60, 772-60, and 772B-60 turbofan engines
2020-06-17	R 2011-09-06	Airbus SAS	A330-223F and -243F; A330-201, -202, -203, -223, and -243; A330-301, -302, -303, -321, -322, -323, -341, -342, and -343; A330-941; A340-211, -212, and -213; A340-311, -312, and -313; A340-541 and -642 airplanes
2020-06-18		Airbus SAS	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, -133, -151N, -153N, and -171N; A320-211, -212, -214, -216, -231, -232, -233, -251N, -252N, -253N, -271N, -272N, and -273N; A321-111, -112, -131, -211, -212, -213, -231, -232, -251N, -251NX, -252N, -252NX, -253N, -253NX, -271N, -271NX, -272N, and -272NX airplanes
2020-07-02		Pratt & Whitney	PW1519G, PW1521G, PW1521G-3, PW1521GA, PW1524G, PW1524G-3, PW1525G, and PW1525G-3 turbofan engines
2020-07-10		Airbus SAS	A320-271N; A321-271N, -271NX, and -272N airplanes
2020-08-01		General Electric Company	CF34-1A, CF34-3A, CF34-3A1, CF34-3A2, CF34-3B, and CF34-3B1 turbofan engines
Biweekly 2020-09			
2020-07-11		ATR–GIE Avions de Transport Regional	ATR42-200, -300, -320, and -500; ATR72-101, -102, -201, -202, -211, -212, and -212A
2020-07-12		ATR–GIE Avions de Transport Regional	ATR42-500
2020-07-13		Bombardier, Inc	BD-100-1A10
2020-07-14		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
2020-07-16	R 2016-16-09 R 2019-03-20 A 2014-16-23	Dassault Aviation	FALCON 7X
2020-07-17		Saab AB, Support and Services	SAAB 2000
2020-07-18	R 2017-05-12	Airbus SAS	A318-112; A319-111, -112, -115, -132, and -133; A320-214, -216, -232, and -233; A321-211, -212, -213, -231, and -232
2020-07-19		ATR–GIE Avions de Transport Regional	ATR72-101, -102, -201, -202, -211, -212, and -212A
2020-07-20	R 2004-06-01 R 2009-06-09 A 2008-17-01 R1 A 2012-01-08	Support Services GmbH	328-100
2020-07-21		Yabora Industria Aeronautica S.A.	ERJ 170-100 LR, -100 STD, -100 SE, and -100 SU; ERJ 170-200 LR, -200 SU, -200 STD, and -200 LL; ERJ 190-100 STD, -100 LR, -100 ECJ, -100 IGW, -200 STD, -200 LR, and -200 IGW
2020-07-51		International Aero Engines AG	V2522-A5, V2524-A5, V2525-D5, V2527-A5, V2527E-A5, V2527M-A5, V2528-D5, V2530-A5, and V2533-A5
2020-08-02		Thales AVS France SAS	Global Positioning System/Satellite Based Augmentation System receivers
2020-08-03	R 2008-22-24	Rolls-Royce Deutschland Ltd & Co KG	RB211-535E4-37, RB211-535E4-B-37, RB211-535E4-C-37, and RB-211-535E4-B-75
2020-08-04		International Aero Engines LLC	PW1133G-JM, PW1133GA-JM, PW1130G-JM, PW1129G-JM, PW1127G-JM, PW1127GA-JM, PW1127G1-JM, PW1124G-JM, PW1124G1-JM, and PW1122G-JM
2020-09-03		International Aero Engines AG	V2500-A1, V2522-A5, V2524-A5, V2525-D5, V2527-A5, V2527E-A5, V2527M-A5, V2528-D5, V2530-A5, V2531-E5, and V2533-A5

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Biweekly 2020-10

2020-08-11		Yabora Industria Aeronautica S.A.	ERJ 190-300 and ERJ 190-400
2020-08-12		The Boeing Company	747-8 and 747-8F series
2020-08-13		Bombardier, Inc.	CL-600-2B19 (Regional Jet Series 100 & 440); CL-600-2C10 (Regional Jet Series 700, 701 & 702); CL-600-2D15 (Regional Jet Series 705), and CL-600-2D24 (Regional Jet Series 900)

Biweekly 2020-11

2020-06-19		The Boeing Company	727, 727C, 727-100, 727-100C, 727-200, and 727-200F series
2020-09-10	R 2018-25-04	Airbus Canada Limited Partnership	BD-500-1A10; BD-500-1A11
2020-09-11	R 2017-06-06 R 2019-12-10 A 2012-12-07	Fokker Services B.V.	F28 Mark 0070 and 0100
2020-09-12		De Havilland Aircraft of Canada Limited	DHC-8-400, -401, and -402 series
2020-09-13	A 2009-01-06 R1 A 2012-01-08	328 Support Services GmbH	328-300
2020-09-14	R 2020-03-12	Airbus SAS	A350-941 and -1041
2020-09-16	R 2000-17-09 R 2008-04-19 R1 R 2015-26-09 A 2018-18-05	ATR-GIE Avions de Transport Regional	ATR42-200, -300, and -320
2020-10-04		General Electric Company	GE90-110B1 and GE90-115B
2020-10-05		Rockwell Collins, Inc.	Flight Management Systems
2020-10-10	R 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)
2020-11-04		Learjet Inc.	60

Biweekly 2020-12

2020-11-11		The Boeing Company	777-200, -200LR, -300, -300ER, and 777F series
2020-12-03		Rolls-Royce Deutschland Ltd & Co KG	Trent XWB-97

Biweekly 2020-13

2020-11-10		Bombardier, Inc.	BD-100-1A10
2020-11-13	R 2010-23-04	De Havilland Aircraft of Canada Limited	DHC-8-400, -401, and -402
2020-11-14		Bombardier, Inc.	BD-100-1A10
2020-12-01		Rolls-Royce Deutschland Ltd & Co KG	Trent XWB-75, XWB-79, XWB-79B, and XWB-84
2020-12-06		Gulfstream Aerospace Corporation	G-IV
2020-13-04	R 2017-09-06	General Electric Company	GEnx-1B and GEnx-2B

Biweekly 2020-14

2020-11-01		Gulfstream Aerospace Corporation	GVI
2020-11-12		The Boeing Company	737-8 and 737-9
2020-13-06		Pratt & Whitney Canada Corp.	PW150A
2020-13-07		Rolls-Royce Deutschland Ltd & Co KG	Trent 1000-D2, Trent 1000-J2, and Trent 1000-K2
2020-14-02		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

Biweekly 2020-15

2020-12-11		Airbus SAS	A319-111, -112, -113, -114, -115, -151N, -153N; A320-251N, -252N, -253N, -271N, -272N, -273N; A321-251N, -

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			251NX, -252N, -252NX, -253N, -253NX, -271N, -271NX, -272N, and -272NX
2020-12-12		Yabora Industria Aeronautica S.A.	ERJ 170-100 LR, -100 STD, -100 SE, -100 SU, -200 LR, -200 SU, -200 STD, and -200 LL; ERJ 190-100 STD, -100 LR, -100 ECJ, -100 IGW, -200 STD, -200 LR, and -200 IGW
2020-12-15		Bombardier, Inc.	BD-700-1A10 and BD-700-1A11
2020-13-08	R 2005-23-09	General Electric Company	CF6-80E1A1, -80E1A2, -80E1A3, -80E1A4, and -80E1A4/B
2020-14-04		Rolls-Royce Deutschland Ltd & Co KG	Trent 1000-A, Trent 1000-AE, Trent 1000-C, Trent 1000-CE, Trent 1000-D, Trent 1000-E, Trent 1000-G, and Trent 1000-H
2020-14-09		The Boeing Company	737-8 and 737-9

2020-12-11 Airbus SAS: Amendment 39-19920; Docket No. FAA-2020-0589; Product Identifier 2020-NM-093-AD.

(a) Effective Date

This AD becomes effective July 24, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Airbus SAS Model airplanes identified in paragraphs (c)(1) through (3) inclusive, certificated in any category.

(1) Model A319-111, -112, -113, -114, -115, -151N, and -153N airplanes.

(2) Model A320-251N, -252N, -253N, -271N, -272N, and -273N airplanes.

(3) Model A321-251N, -251NX, -252N, -252NX, -253N, -253NX, -271N, -271NX, -272N, and -272NX airplanes.

(d) Subject

Air Transport Association (ATA) of America Code 22, Auto Flight.

(e) Reason

This AD was prompted by a report of a non-stabilized approach followed by an automatic go-around, which lead to an airplane pitch-up attitude and resulted in an auto-pilot disconnection. The FAA is issuing this AD to address certain airplane configurations, which could result in auto-pilot disconnection and high angle-of-attack, and consequent increased workload for the flightcrew during a critical phase of flight and possible loss of control of the airplane.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2020-0118, dated May 22, 2020 ("EASA AD 2020-0118").

(h) Exceptions to EASA AD 2020-0118

(1) Where EASA AD 2020-0118 refers to its effective date, this AD requires using the effective date of this AD.

(2) The “Remarks” section of EASA AD 2020-0118 does not apply to this AD.

(3) Paragraph (1) of EASA AD 2020-0118 specifies amending “the applicable AFM [airplane flight manual],” but this AD requires amending “the applicable AFM and applicable corresponding operational procedures.”

(i) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are not allowed.

(j) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, Large Aircraft Section, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the Large Aircraft Section, International Validation Branch, send it to the attention of the person identified in paragraph (k) of this AD. 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 instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, Large Aircraft Section, International Validation Branch, FAA; or EASA; or Airbus SAS's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) Required for Compliance (RC): For any service information referenced in EASA AD 2020-0118 that contains RC procedures and tests: Except as required by paragraph (j)(2) of this AD, RC 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.

(k) Related Information

For more information about this AD, contact Sanjay Ralhan, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3223; email sanjay.ralhan@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 this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2020-0118, dated May 22, 2020.

(ii) [Reserved]

(3) For information about EASA AD 2020-0118, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 89990 6017; email ADs@easa.europa.eu; internet www.easa.europa.eu. You may find this EASA AD on the EASA website at https://ad.easa.europa.eu.

(4) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. This material may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA-2020-0589.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on June 11, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-14778 Filed 7-8-20; 8:45 am]

2020-12-12 Yabora Industria Aeronautica S.A. (Type Certificate previously held by Embraer S.A.) Airplanes: Amendment 39-19921; Docket No. FAA-2020-0202; Product Identifier 2020-NM-025-AD.

(a) Effective Date

This AD is effective August 13, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Yabora Industria Aeronautica S.A. (Type certificate previously held by Embraer S.A.) airplanes specified in paragraphs (c)(1) and (2) of this AD, certificated in any category.

(1) Model ERJ 170-100 LR, -100 STD, -100 SE, -100 SU, -200 LR, -200 SU, -200 STD, and -200 LL airplanes.

(2) Model ERJ 190-100 STD, -100 LR, -100 ECJ, -100 IGW, -200 STD, -200 LR, and -200 IGW airplanes.

(d) Subject

Air Transport Association (ATA) of America Code 54, Nacelles/pylons.

(e) Reason

This AD was prompted by reports of cracking on the left-hand (LH) and right-hand (RH) sides of engine pylon inboard lower link lugs. The FAA is issuing this AD to address cracking of the engine pylon lower link lugs, which could cause the loss of engine pylon integrity, and could result in engine separation from the wing, loss of airplane controllability, and possible injury to persons on the ground.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, Agência Nacional de Aviação Civil (ANAC) AD 2020-01-02, effective January 28, 2020 (“ANAC AD 2020-01-02”).

(h) Exceptions to ANAC AD 2020-01-02

(1) Where ANAC AD 2020-01-02 refers to its effective date, this AD requires using the effective date of this AD.

(2) Where ANAC AD 2020-01-02 requires contacting “ANAC and Embraer . . . to approve an adequate repair,” for this AD, obtain repair instructions using the procedures specified in paragraph (i)(2) of this AD and do the repair.

(3) The “Alternative methods of compliance (AMOCs)” section of ANAC AD 2020-01-02 does not apply to this AD.

(4) Paragraph (e) of ANAC AD 2020-01-02 specifies to report inspection results to ANAC and Yabora Industria Aeronautica S.A. within a certain compliance time. For this AD, report inspection results at the applicable time specified in paragraph (h)(4)(i) or (ii) of this AD.

(i) If the inspection was done on or after the effective date of this AD: Submit the report within 30 days after the inspection.

(ii) If the inspection was done before the effective date of this AD: Submit the report within 30 days after the effective date of this AD.

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, Large Aircraft Section, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the Large Aircraft Section, International Validation Branch, send it to the attention of the person identified in paragraph (j) of this AD. 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 instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, Large Aircraft Section, International Validation Branch, FAA; or ANAC; or ANAC's authorized Designee. If approved by the ANAC Designee, the approval must include the Designee's authorized signature.

(3) Required for Compliance (RC): For service information that contains steps that are labeled as RC, the provisions of paragraphs (i)(3)(i) and (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. If a step or substep is labeled “RC Exempt,” then the RC requirement is removed from that step or substep. 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.

(4) Paperwork Reduction Act Burden Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory as required by this AD. Send comments regarding this burden estimate or

any other aspect of this collection of information, including suggestions for reducing this burden to Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

(j) Related Information

For more information about this AD, contact Krista Greer, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3221; email krista.greer@faa.gov.

(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) Agência Nacional de Aviação Civil (ANAC) AD 2020-01-02, effective January 28, 2020.

(ii) [Reserved]

(3) For information about ANAC AD 2020-01-02, contact ANAC, Aeronautical Products Certification Branch (GGCP), Rua Dr. Orlando Feirabend Filho, 230–Centro Empresarial Aquarius–Torre B–Andares 14 a 18, Parque Residencial Aquarius, CEP 12.246-190–São José dos Campos–SP, BRAZIL, Tel: 55 (12) 3203-6600; Email: pac@anac.gov.br. You may find this IBR material on the ANAC website at https://sistemas.anac.gov.br/certificacao/DA/DAE.asp.

(4) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. This material may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA-2020-0202.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on June 18, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-14780 Filed 7-8-20; 8:45 am]

2020-12-15 Bombardier, Inc.: Amendment 39-19924; Docket No. FAA-2020-0575; Product Identifier 2020-NM-096-AD.

(a) Effective Date

This AD becomes effective July 24, 2020.

(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 9810 through 9838 inclusive, 9840 through 9842 inclusive, 9844 through 9846 inclusive, 9854 and 9855.

(d) Subject

Air Transport Association (ATA) of America Code 36, Pneumatic.

(e) Reason

This AD was prompted by a report that certain safety valves at the left- and right-hand sides of the cabin pressure control system were not installed correctly and that the trunnion nuts used to fasten the V-band clamp were over torqued. The FAA is issuing this AD to address incorrect installation of the safety valves and over-torqued trunnion nuts, which could cause damage to the safety valve flange and could result in pressure leakage or cabin depressurization at altitude.

(f) Compliance

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

(g) Measurement

Before August 31, 2020, measure the trunnion nut torque of the V-band clamps at the left-and right-hand sides of the cabin pressure control system safety valves, in accordance with paragraphs 2.B.(1) and 2.B.(2) of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

Figure 1 to paragraphs (g) and (h) – *Service Information*

For Airplane Model –	Use Bombardier Service Bulletin –
BD-700-1A10 airplanes	700-21-6009, Revision 02, dated March 31, 2020
BD-700-1A11 airplanes	700-21-5009, Revision 02, dated March 31, 2020

(h) Inspection and Corrective Actions

Based on the torque measurement required by paragraph (g) of this AD, do the applicable actions specified in paragraph (h)(1) or (2) of this AD.

(1) For safety valves with a V-band clamp trunnion nut torque of less than 80 lbf-in: Before further flight, do a general visual inspection for any cracking and deformation, in accordance with paragraph 2.B.(3)(a) of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(i) If no cracking and deformation is found on the safety valve and airplane bulkhead flange: Before further flight, re-torque the V-band clamp trunnion nut, in accordance with paragraph 2.B.(3)(b) of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(ii) If any cracking or deformation is found on the safety valve: Before further flight, replace the safety valve, in accordance with paragraph 2.C. of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(iii) If any cracking or deformation is found on the airplane bulkhead flange: Before further flight, repair using a method approved by the Manager, New York ACO Branch, 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.

(2) For safety valves with a V-band clamp trunnion nut torque of 80 lbf-in or higher: Before further flight, do a magnification inspection for any cracking and deformation of the safety valve and airplane bulkhead flange area, in accordance with paragraphs 2.B.(4)(a) and 2.B.(4)(b) of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(i) If no cracking and deformation is found on the safety valve and airplane bulkhead flange, do the actions specified in paragraphs (h)(2)(i)(A) and (B) of this AD.

(A) Before further flight, re-install the safety valve and torque the V-band clamp trunnion nut, in accordance with paragraph 2.B.(4)(c) of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(B) Before August 31, 2021, replace the safety valve, in accordance with paragraph 2.C. of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(ii) If any cracking or deformation is found on the safety valve: Before further flight, replace the safety valve, in accordance with paragraph 2.C. of the Accomplishment Instructions of the applicable service information specified in figure 1 to paragraphs (g) and (h) of this AD.

(iii) If any cracking or deformation is found on the airplane bulkhead flange: Before further flight, repair using a method approved by the Manager, New York ACO Branch, FAA; or TCCA; or Bombardier, Inc.'s TCCA DAO. If approved by the DAO, the approval must include the DAO-authorized signature.

(i) Credit for Previous Actions

This paragraph provides credit for actions required by paragraphs (g) and (h) of this AD, if those actions were performed before the effective date of this AD using the following service information.

(1) Bombardier Service Bulletin 700-21-5009, dated January 23, 2020; and Bombardier Service Bulletin 700-21-5009, Revision 01, dated March 19, 2020.

(2) Bombardier Service Bulletin 700-21-6009, dated January 23, 2020; and Bombardier Service Bulletin 700-21-6009, Revision 01, dated March 19, 2020.

(j) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, New York ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO Branch, 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.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, New York ACO Branch, FAA; or TCCA; or Bombardier, Inc.'s TCCA DAO. If approved by the DAO, the approval must include the DAO-authorized signature.

(k) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian AD CF-2020-16, dated May 15, 2020, for related information. This MCAI may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA-2020-0575.

(2) For more information about this AD, contact Darren Gassetto, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7323; fax 516-794-5531; email 9-avs-nyaco-cos@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 this AD specifies otherwise.

(i) Bombardier Service Bulletin 700-21-5009, Revision 02, dated March 31, 2020.

(ii) Bombardier Service Bulletin 700-21-6009, Revision 02, dated March 31, 2020.

(3) For service information identified in this AD, contact Bombardier, Inc., 200 Côte-Vertu Road West, Dorval, Québec H4S 2A3, Canada; North America toll-free telephone 1-866-538-1247 or direct-dial telephone 1-514-855-2999; email ac.yul@aero.bombardier.com; internet https://www.bombardier.com.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(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, email fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on June 18, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-14779 Filed 7-8-20; 8:45 am]

2020-13-08 General Electric Company: Amendment 39-21153; Docket No. FAA-2019-0800; Project Identifier 2005-NE-24-AD.

(a) Effective Date

This AD is effective August 11, 2020.

(b) Affected ADs

This AD replaces AD 2005-23-09, Amendment 39-14367 (70 FR 67901, November 9, 2005).

(c) Applicability

This AD applies to General Electric Company (GE) CF6-80E1A1, -80E1A2, -80E1A3, -80E1A4, and -80E1A4/B model turbofan engines.

(d) Subject

Joint Aircraft System Component (JASC) Code 7230, Turbine Engine Compressor Section.

(e) Unsafe Condition

This AD was prompted by GE performing an updated lifing analysis on the high-pressure compressor (HPC) case. Based on this analysis, GE found new locations on the case that require fluorescent penetrant inspection (FPI), identified a new inspection interval for the existing FPI location, and added another part-numbered HPC case that requires inspection. The FAA is issuing this AD to prevent failure of the HPC case. The unsafe condition, if not addressed, could result in uncontained release of the HPC case, engine fire, and damage to the airplane.

(f) Compliance

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

(g) Required Actions

Within 180 days after the effective date of this AD, replace TASK 05-21-02-200-001 in GE CF6-80E1 Engine Manual GEK99376 and the operator's existing continuous airworthiness maintenance program with TASK 05-21-02-200-001, dated September 15, 2015, from ESM 05-21-02, Life Limits 001 High Pressure Compressor HPC–Scheduled Maintenance Checks, of the GE CF6-80E1 Engine Manual GEK99376, Revision 48, dated September 15, 2019.

(h) Alternative Methods of Compliance (AMOCs)

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

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

(i) Related Information

For more information about this AD, contact Scott Stevenson, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7132; fax: 781-238-7199; email: scott.m.stevenson@faa.gov.

(j) 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) TASK 05-21-02-200-001, dated September 15, 2015, from ESM 05-21-02, Life Limits 001 High Pressure Compressor HPC–Scheduled Maintenance Checks, of the GE CF6-80E1 Engine Manual GEK99376, Revision 48, dated September 15, 2019.

(ii) [Reserved]

(3) For GE service information identified in this AD, contact General Electric Company, GE Aviation, Room 285, 1 Neumann Way, Cincinnati, OH 45215; phone: 513-552-3272; email: aviation.fleetsupport@ge.com.

(4) You may view this service information at FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7759.

(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, email fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on June 17, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-14458 Filed 7-6-20; 8:45 am]

2020-14-04 Rolls-Royce Deutschland Ltd & Co KG (Type Certificate previously held by Rolls-Royce plc): Amendment 39-21158; Docket No. FAA-2020-0638; Project Identifier MCAI-2020-00308-E.

(a) Effective Date

This AD is effective July 23, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Rolls-Royce Deutschland Ltd. & Co KG (RRD) (Type Certificate previously held by Rolls-Royce plc) Trent 1000-A, Trent 1000-AE, Trent 1000-C, Trent 1000-CE, Trent 1000-D, Trent 1000-E, Trent 1000-G, and Trent 1000-H model turbofan engines.

(d) Subject

Joint Aircraft System Component (JASC) Code 7230, Turbine Engine Compressor Section.

(e) Unsafe Condition

This AD was prompted by occurrences of in-service engine surges on affected RRD Trent model turbofan engines with a high number of intermediate pressure compressor (IPC) module flight hours since new or cycles since new. Investigation by the manufacturer shows reduced surge margin caused by IPC deterioration has led to in-service engine surges. The FAA is issuing this AD to reduce the risk of a dual-engine surge event. The unsafe condition, if not addressed, could result in failure of one or more engines, loss of thrust control, and loss of the airplane.

(f) Compliance

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

(g) Required Actions

Within 30 days after the effective date of this AD, remove and replace one or both affected engines identified as “Not Acceptable De-pair required” in paragraph 3, Accomplishment Instructions, Table 2, “Examples of compliant and non-compliant engine pairing combinations,” of Rolls-Royce plc (RR) Alert Non-Modification Service Bulletin (NMSB) Trent 1000 72-AK468, Revision 1, dated March 3, 2020.

(h) Installation Prohibition

After the effective date of this AD, do not install on any aircraft, an engine pairing combination identified as “Not Acceptable De-pair required” in paragraph 3, Accomplishment Instructions, Table 2, “Examples of compliant and non-compliant engine pairing combinations,” of RR Alert NMSB Trent 1000 72-AK468, Revision 1, dated March 3, 2020.

(i) Alternative Methods of Compliance (AMOCs)

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

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

(j) Related Information

(1) For more information about this AD, contact Stephen Elwin, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7236; fax: 781-238-7199; email: stephen.l.elwin@faa.gov.

(2) Refer to European Union Aviation Safety Agency (EASA) AD 2020-0010R2, dated March 4, 2020, for more information. You may examine the EASA AD in the AD docket on the internet at https://www.regulations.gov by searching for and locating it in Docket No. FAA-2020-0638.

(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 the AD specifies otherwise.

(i) Rolls-Royce plc (RR) Alert Non-Modification Service Bulletin Trent 1000 72-AK468, Revision 1, dated March 3, 2020.

(ii) [Reserved]

(3) For RR service information identified in this AD, contact Rolls-Royce Deutschland Ltd & Co KG, Eschenweg 11, 15827 Blankenfelde-Mahlow, Germany; phone: +49 (0) 33 708 6 0; email: https://www.rolls-royce.com/contact-us.aspx.

(4) You may view this service information at FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7759.

(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, email: fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on July 1, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-14601 Filed 7-7-20; 8:45 am]

2020-14-09 The Boeing Company: Amendment 39-21163; Docket No. FAA-2020-0579; Product Identifier 2020-NM-009-AD.

(a) Effective Date

This AD is effective July 15, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all The Boeing Company Model 737-8 and 737-9 airplanes with an airworthiness certificate or export certificate of airworthiness issued on or before the effective date of this AD, certificated in any category.

(d) Subject

Air Transport Association (ATA) of America Code 2810, Fuel storage.

(e) Unsafe Condition

This AD was prompted by a report that Kathon FP 1.5 biocide, when used as a fuel additive and running through the engines, can lead to significant engine anomalies. The FAA is issuing this AD to prevent these anomalies, which could result in loss of thrust control on both engines because the fuel systems for both engines are likely to be similarly affected. Loss of thrust control on both engines could result in failure to climb on takeoff, a forced off-airport landing, or an unacceptably high flightcrew workload.

(f) Compliance

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

(g) Removal of Kathon FP 1.5 Biocide

(1) For airplanes identified in paragraphs (g)(1)(i) and (ii) of this AD: Before further flight, remove Kathon FP 1.5 biocide from the fuel tanks and engines, as applicable, in accordance with Boeing Multi-Operator Message MOM-MOM-20-0522-01B, dated June 24, 2020.

(i) Airplanes that have operated for fewer than 30 flight cycles after the last treatment with Kathon FP 1.5 biocide.

(ii) Airplanes having any engine where that engine has operated for fewer than 30 flight cycles after the last exposure to Kathon FP 1.5 biocide.

(2) No action is required by paragraph (g) of this AD for the engines on which CFM confirmed via myCFM case response that the engines are operating as expected.

(h) Fueling Placard Installation

Before further flight, install a placard with letters having a minimum height of 0.20 inch on white or light gray background containing the text “DO NOT OPERATE ENGINE WITH KATHON\TM\ FP 1.5 BIOCIDE FUEL ADDITIVE” on the interior area of the refuel access panel in a location that allows refueling personnel full view of the placard text when the access door is open.

(i) AFM Revision for Fuel Additive Limitation

Before further flight, revise the Certificate Limitations section of the existing airplane flight manual (AFM) to include the information specified in figure 1 to paragraph (i) of this AD. This may be done by inserting a copy of this AD into the existing AFM. When a statement identical to that in figure 1 to paragraph (i) of this AD has been included in the general revisions of the existing Boeing 737 AFM, the general revisions may be inserted into the existing AFM, and the copy of this AD may be removed from the existing AFM.

Figure 1 to paragraph (i) – *AFM revision of Certificate Limitations section*

Engines – Fuel system Required by AD 2020-14-09

Operation of the CFM LEAP-1B series engines with fuel containing Kathon FP 1.5 biocide is prohibited.

(j) Special Flight Permit

Special flight permits, as described in 14 CFR 21.197 and 21.199, are not allowed until the actions required by paragraph (g) of this AD have been accomplished.

(k) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Seattle ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to the attention of the person identified in paragraph (l) of this AD. Information may be emailed to: 9-ANM-Seattle-ACO-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 Company Organization Designation Authorization (ODA) that has been authorized by the Manager, Seattle ACO Branch, FAA, 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.

(l) Related Information

For more information about this AD, contact Christopher Baker, Aerospace Engineer, Propulsion Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3552; email: Christopher.R.Baker@faa.gov.

(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 the AD specifies otherwise.

(i) Boeing Multi-Operator Message MOM-MOM-20-0522-01B, dated June 24, 2020.

(ii) [Reserved]

(3) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Contractual & Data Services (C&DS), 2600 Westminster Blvd., MC 110-SK57, Seal Beach, CA 90740-5600; telephone 562-797-1717; internet https://www.myboeingfleet.com.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(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, email fedreg.legal@nara.gov, or go to: https://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on July 2, 2020.

Gaetano A. Sciortino,

Deputy Director for Strategic Initiatives, Compliance & Airworthiness Division, Aircraft Certification Service.

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