

**FEDERAL AVIATION ADMINISTRATION  
AIRWORTHINESS DIRECTIVES**

**LARGE AIRCRAFT  
BIWEEKLY 2015-25**

*11/30/2015 - 12/13/2015*



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			
<b>Biweekly 2015-01</b>			
2014-26-03		Saab AB, Saab Aerosystems	340B
<b>Biweekly 2015-02</b>			
2014-25-51		Airbus	A318-111, -112, -121, -122, A319-111, -112, -113, -114, -115, -131, -132, -133, A320-211, -212, -214, -231, -232, -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2014-25-52		Airbus	A330-223F, -243F, A330-201, -202, -203, -223, -243, A330-301, -302, -303, -321, -322, -323, -341, -342, -343, A340-211, -212, -213, A340-311, -312, -313, A340-541 and A340-642
2014-26-06		ATR–GIE Avions de Transport Régional	ATR42-500 and ATR72-212A
2014-26-07		Dassault Aviation	FAN JET FALCON and FAN JET FALCON SERIES C, D, E, F, and G
2014-26-09	R 2014-03-05	Bombardier, Inc.	BD-700-1A10
2014-26-10		Airbus	A318-111, -112, -121, -122, A319-111, -112, -113, -114, -115, -131, -132, -133, A320-111, -211, -212, -214, -231, -232, -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2014-26-53		Airbus	A319-115, A319-133, A320-214, A320-232, and A320-233
2015-01-01	R 2011-09-11	The Boeing Company	777-200 and -300 series
<b>Biweekly 2015-03</b>			
2014-23-15	R 2011-14-06	Airbus	A318-111, -112, -121, and -122, A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-111, -211, -212, -214, -231, -232, and -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2014-26-08	R 2011-13-09	Airbus	A330-201, -202, -203, -223, -223F -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343
2015-02-02		Bombardier, Inc	CL-215-6B11 (CL-215T Variant), CL-215-6B11 (CL-415 Variant)
2015-02-03		Airbus	A300 B4-601, B4-603, B4-605R, F4-605R, and C4-605R Variant F
2015-02-04		Dassault Aviation	MYSTERE-FALCON 50
2015-02-05		The Boeing Company	717-200, DC-10-10, DC-10-10F, DC-10-15, DC-10-30, DC-10-30F (KC-10A and KDC-10), DC-10-40, and DC-10-40F, MD-10-10F and MD-10-30F, DC-9-81 (MD-81), DC-9-82 (MD-82), DC-9-83 (MD-83), and DC-9-87 (MD-87), MD-88, MD-90-30
2015-02-06		Bombardier, Inc	CL-600-2B16 (CL-604 Variant)
2015-02-08		Rolls-Royce Corporation (RRC)	AE 2100D2, 2100D2A, 2100D3, 2100P and AE 3007A1, A1/1, A1/3, A1E, A1P, A2, A3, C, C1, and C2
2015-02-11		Airbus	A330-301, -302, -303, -321, -322, -323, -341, -342, and -343, A340-211, -212, -213, -311, -312, and -313
2015-02-12		Bombardier, Inc	DHC-8-400, -401 and -402
2015-02-13		Empresa Brasileira de Aeronautica S.A. (Embraer)	EMB -135ER, -135KE, -135KL, -135LR, -145, -145ER, -145MR, -145LR, -145XR, -145MP, and -145EP
2015-02-16	R 2009-06-06	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, A300 F4-605R and F4-622R, A300 C4-605R Variant F
2015-02-17		Airbus	A330-201, -202, -203, -223, -223F, -243, and -243F, A330-301, -302, -303, -321, -322, -323, -341, -342, and -343 airplanes
2015-02-18		Airbus	A330-201, -202, -203, -301, -302, and -303
2015-02-19	R 95-24-04	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, A300 C4-605R Variant F

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AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
2015-02-20	S 2013-15-10	Rolls-Royce plc (RR)	RB211-Trent 553-61, 553A2-61, 556-61, 556A2-61, 556B-61, 556B2-61, 560-61, 560A2-61, 768-60, 772-60, 772B-60, 875-17, 877-17, 884-17, 884B-17, 892-17, 892B-17, 895-17, 970-84, 970B-84, 972-84, 972B-84, 977-84, 977B-84, and 980-84
2015-02-23		Bombardier, Inc	CL-600-1A11 (CL-600), CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A and CL-601-3R Variants)
2015-02-26	R 2013-24-13	The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series, 737-600, -700, -700C, -800, and -900 series
<b>Biweekly 2015-04</b>			
2015-02-24	R 2007-03-18 R2008-17-02 R2012-08-03 R2012-15-14	Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, A300 B4-2C, B4-103, B4-203, A300 B4-601, B4-603, B4-620, B4-622, B4-605R, B4-622R, F4-605R, F4-622R, A300 C4-605R Variant F, A310-203, -204, -221, -222, -304, -322, -324, and -325
2015-02-25		Bombardier, Inc.	DHC-8-400, -401, and -402
2015-03-01		Bombardier, Inc.	CL-600-2B19 (Regional Jet Series 100 & 440)
2015-03-02		Airbus	A319-115, A319-133, A320-214, A320-232, and A320-233
2015-03-04		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
2015-03-05	R 2012-09-07	Airbus	A318-111, -112, -121, -122, A319-111, -112, -113, -114, -115, -131, -132, -133, A320-111, -211, -212, -214, -231, -232, -233, A321-111, -112, -131, -211, -212, -213, -231, and -232
2015-03-06	R 2007-22-10	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
<b>Biweekly 2015-05</b>			
2015-02-14	R 2009-20-05	Airbus	A318-111, -112, -121, -122, A319-111, -112, -113, -114, -115, -131, -132, -133, A320-211, -212, -214, -231, -232, -233, A321-111, -112, -131, -211, -212, -213, -231, -232.
2015-03-03		Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, B4-203, A300 B4-601, B4-603, B4-620, B4-622, A300 B4-605R and B4-622R, A300 F4-605R and F4-622R. A300 C4-605R Variant F.
2015-04-02		CFM International S.A.	CFM56-7B series
2015-04-03		Rolls-Royce plc	RB211 Trent 768-60, 772-60, and 772B-60
2015-04-06		Rolls-Royce plc	RB211 Trent 875-17, 877-17, 884-17, 884B-17, 892-17, 892B-17, and 895-17.
<b>Biweekly 2015-06</b>			
2015-04-07		Boeing	767-200 and -300 series airplanes
2015-05-01		Boeing	757-200, -200PF, -200CB, and -300 series airplanes; and 767-200, -300, -300F, and -400ER series airplanes
2015-05-03		Bombardier	CL-600-2B19 (Regional Jet Series 100 & 440) airplanes
2015-05-07	R 2015-02-06	Bombardier	CL-600-2B16 (CL-604 Variant) airplanes
2015-05-08		Lockheed Martin	382, 382B, 382E, 382F, and 382G airplanes
2015-06-01	S 2014-06-03	British Aerospace	Jetstream Series 3101 and Jetstream 3201 airplanes
<b>Biweekly 2015-07</b>			
2015-04-08	R 2014-06-08	Bombardier, Inc	DHC-8-102, -103, -106, -201, -202, -301, -311, and -315 airplanes
2015-05-02	R 2014-23-15	Airbus	A318-111, -112, -121, and -122; A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-111, -211, -212, -214, -231, -232, and -233; A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2015-06-04	R 2011-13-07	Dassault	FALCON 7X
2015-06-05		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,

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2015-06-06 2015-06-07 2015-07-01		BAE Systems The Boeing Company Rolls-Royce plc	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 airplanes. 4101 airplanes 737-100, -200, -200C, -300, -400, and -500 series airplanes RB211-524B-02, RB211-524B-B-02, RB211-524B2-19, RB211-524B2-B-19, RB211-524B3-02, RB211-524C2-19, and RB211-524C2-B-19 turbofan engines
<b>Biweekly 2015-08</b>			
2015-06-08	R 2011-09-03	Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	382, 382B, 382E, 382F, and 382G
2015-07-05		BAE Systems (Operations) Limited	146-100A, -200A, and -300A; and Avro 146-RJ70A, 146-RJ85A, and 146-RJ100A
2015-07-06		Airbus	A300 B4-601, B4-603, B4-620, B4-622, B4-605R, B4-622R, F4-605R, F4-622R, and C4-605R Variant F; A310-203, -204, -221, -222, -304, -322, -324, and -325
2015-07-07 2015-08-02	R 2015-02-04	The Boeing Company Dassault Aviation	777-200, -200LR, -300ER, and 777F series MYSTERE-FALCON 50
<b>Biweekly 2015-09</b>			
2015-06-10		ATR-GIE Avions de Transport Régional	ATR72-212A
2015-07-02		Bombardier, Inc	CL-600-1A11 (CL-600), CL-600-2A12 (CL-601), CL-600-2B16 (CL-601-3A and CL-601-3R Variants), CL-600-2B16 (CL-604 Variants)
2015-08-01 2015-08-03 2015-08-05	R 2013-26-05	The Boeing Company Bombardier, Inc. Dassault Aviation	757-200, -200PF, -200CB, and -300 series DHC-8-400, -401, and -402 FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G; MYSTERE-FALCON 200; MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5
2015-08-06	R 2007-14-05	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, A300 F4-605R and F4-622R, A300 C4-605R Variant F
2015-08-08	R 2014-26-53 and 2015-03-02	Airbus	A319-115, A319-132, A319-133, A320-214, A320-232, and A320-233
2015-08-09 2015-09-02 2015-09-03		The Boeing Company Bombardier, Inc. Airbus	737-600 and -700 series CL-600-2E25 (Regional Jet Series 1000)
2015-09-07		The Boeing Company	A318-111 and -112, 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 -232 787
<b>Biweekly 2015-10</b>			
2015-08-07 2015-09-05 2015-09-08		Zodiac Aerotechnics The Boeing Company Airbus	See AD 747-400 and 747-400F A300 B4-601, B4-603, and B4-605R; and A300 F4-605R; and A300 C4-605R Variant F; and A310-204 and -304
2015-09-09	R 2004-07-11	The Boeing Company	767-200, -300, and -400ER series
<b>Biweekly 2015-11</b>			
2015-10-02	R 2014-20-11	Zodiac Seats France	9140, 9166, 9173, 9174, 9184, 9188, 9196, 91B7, 91B8, 91C0, 91C2, 91C4, 91C5, 91C9, 9301, and 9501 series passenger seat assemblies
2015-10-03	R 2014-09-05	Airbus 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
2015-10-04	R 2012-09-09	International Aero Engines AG	IAE V2500-A1, IAE V2525-D5, IAE V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, and V2533-A5
2015-11-04		The Boeing Company	707-100 long body, -200, -100B long body, and -100B short body; 707-300, -300B, -300C, -400; 720 and 720B series

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<b>Biweekly 2015-12</b>			
2015-10-01		Bombardier, Inc.	DHC-8-401, -402, and -403
2015-11-02	R 95-26-11	Lockheed Martin Corporation	L-1011-385-1, L-1011-385-1-14, L-1011-385-1-15, and L-1011-385-3
2015-11-03		ATR-GIE Avions de Transport Régional	ATR42-200, -300, -320, and -500; ATR72-101, -201, -102, -202, -211, -212, and -212A; ATR42-200, -300, -320, and -500; ATR72-101, -201, -102, -202, -211, -212, and -212A
2015-11-05		The Boeing Company	747-400, 747-400D, 747-400F, 747-8F, and 747-8 series
<b>Biweekly 2015-13</b>			
2015-10-51		Avidyne Corporation	Integrated Flight Displays (IFDs)
2015-12-03	COR R 2007-13-05	The Boeing Company	777-200, -200LR, -300, and -300ER series
2015-12-05	R 2008-06-18	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
2015-12-06		Learjet Inc.	45
2015-12-07		The Boeing Company	747-8F and 747-8 series
2015-12-08		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
2015-12-10		Pratt & Whitney Division	PW6122A and PW6124A
2015-12-11	COR	The Boeing Company	767-200, -300, -300F, and -400ER series, 777-200, -200LR, -300, -300ER, and 777F
2015-12-12		Fokker Services B.V.	F.28 Mark 0070 and 0100
2015-13-01		ATR-GIE Avions de Transport Régional	ATR42-500, ATR72-212A
2015-13-02		Bombardier, Inc.	DHC-8-400, -401, and -402
<b>Biweekly 2015-14</b>			
2015-13-08		Dassault Aviation	FALCON 2000EX
2015-14-01		Bombardier, Inc.	DHC-8-400, -401, and -402
<b>Biweekly 2015-15</b>			
2015-13-05		The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series
2015-13-07	R 98-13-23	Airbus	A300 B4-601, B4-603, B4-620, and B4-622; A300 B4-605R and B4-622R; A300 F4-605R and F4-622R; and A300 C4-605R Variant F
2015-14-03		Bombardier, Inc.	DHC-8-102, -103, -106, -201, -202, -301, -311, and -315
2015-14-05		Pratt & Whitney	JT8D-217C and JT8D-219
2015-14-06		The Boeing Company	747-8 and 747-8F series
2015-14-07		The Boeing Company	787-8
2015-14-08		Airbus	A310-203
2015-14-09		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, 747SP, 747-8F, and 747-8 series
2015-15-01	R 2004-13-02	The Boeing Company	747-100, -200B, and -200F series
2015-15-02	R 2012-13-06	Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, and B4-203; A300 B4-601, B4-603, B4-620, B4-622, B4-605R, B4-622R, F4-605R, and F4-622R; and A300 C4-605R Variant F
2015-15-03		General Electric Company	GENx-1B and GENx-2B
2015-15-05	R 98-22-10 R 90-06-02	The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series
2015-15-08		Bombardier, Inc.	BD-100-1A10 (Challenger 300)
2015-15-09		BAE Systems (Operations) Limited	4101
2015-15-10		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

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## Biweekly 2015-16

2012-11-09 R1		Transport Category Airplanes	Chemical oxygen generators
2015-13-06	R 2013-14-05	The Boeing Company	747-400 and -400F series
2015-15-07	R 2015-10-01	Bombardier, Inc.	DHC-8-400, -401, and -402
2015-15-11		The Boeing Company	747-100B, 747-100B SUD, 747-200B, 747-200C, 747-200F, 747-300, 747-400, 747-400D, 747-400F, 747SR, and 747SP series
2015-15-12		Airbus	A318-111 and -112, A319-111, -112, -113, -114, -115, -131, -132, and -133, A320-111, -211, -212, -214, -231, -232, and -233
2015-15-13		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
2015-15-14		BAE Systems (Operations) Limited	ATP
2015-15-15		The Boeing Company	777-200, 777-200LR, 777-300ER, and 777F series

## Biweekly 2015-17

2015-16-01	R 2012-19-11	The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series; 737-600, -700, -700C, -800, -900, and -900ER series
2015-16-02	R 2003-14-11 R 2004-11-08 R 2004-13-25 R 2004-18-14 R 2007-05-12 R 2008-06-07 R 2009-18-20 R 2010-15-02 R 2012-04-07	Airbus	A330-201, -202, -203, -223, -243, -223F, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343
2015-16-03		Rolls-Royce plc	RB211-524B-02, RB211-524B2-19, RB211-524B3-02, RB211-524B4-02, RB211-524B4-D-02, RB211-524C2-19, RB211-524D4-19, RB211-524D4-39, and RB211-524D4X-19
2015-16-04		Kidde Graviner	See AD
2015-16-05		British Aerospace Regional Aircraft	Jetstream Series 3101 and Jetstream Model 3201
2015-16-06		British Aerospace Regional Aircraft	Jetstream Model 3201
2015-17-04		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)
2015-17-06		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
2015-17-09	R 98-18-02	Airbus	A300 B4-601, B4-603, B4-620, B4-622, B4-605R, and B4-622R; A300 F4-605R and F4-622R; A300 C4-605R Variant F

## Biweekly 2015-18

2015-16-08	R 2011-08-51	The Boeing Company	737-300, -400, and -500 series
2015-17-03		Bombardier, Inc	DHC-8-400, -401, and -402
2015-17-05		Bombardier, Inc	BD-700-1A10 and BD-700-1A11
2015-17-07		Airbus	A300 B4-603, B4-605R, B4-620, B4-622, and B4-622R, A300 C4-605R Variant F, A300F4-605R
2015-17-08		Bombardier, Inc	DHC-8-400, -401, and -402 series
2015-17-12		Cessna Aircraft Company	500, 501, 550, 551, S550, 560, 650
2015-17-13		The Boeing Company	777-200 and -300 series
2015-17-14		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
2015-17-15		Bombardier, Inc	CL-600-2C10 (Regional Jet Series 700, 701, & 702), CL-600-2D15 (Regional Jet Series 705), and Model CL-600-2D24 (Regional Jet Series 900), CL-600-2E25 (Regional Jet Series 1000).

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AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
2015-17-16 2015-17-17		Bombardier, Inc Pratt & Whitney	CL-600-2B19 (Regional Jet Series 100 & 440) PW4164-1D, PW4168-1D, PW4168A-1D and PW4170, PW4164, PW4168, and PW4168A
2015-17-22		Airbus	A330-243, A330-243F, A330-341, A330-342, and A330-343
2015-17-23		Empresa Brasileira de Aeronautica S.A. (Embraer)	EMB-135BJ
2015-17-24 2015-17-25 2015-18-02		The Boeing Company Bombardier, Inc Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	787-8 DHC-8-400, -401, and -402 382, 382B, 382E, 382F, and 382G
<b>Biweekly 2015-19</b>			
2015-17-19 2015-18-04 2015-18-05 2015-19-01 2015-19-02 2015-19-03 2015-19-04	R 97-07-14	Rolls-Royce plc CFM International S.A. Airbus The Boeing Company The Boeing Company The Boeing Company The Boeing Company	RB211 Trent 768-60, 772-60, and 772B-60 CFM56-7B and CFM56-3 A320-211 and -231 777-200, -200LR, -300, -300ER, and 777F series 767-200, -300, -300F, and -400ER series 737-600, -700, -700C, -800, -900, and -900ER series 757-200, -200PF, -200CB, and -300 series
<b>Biweekly 2015-20</b>			
2015-19-06 2015-19-08	R 2012-24-10 R 2011-19-04	The Boeing Company Airbus	747-400 and -400F series 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
2015-19-09 2015-19-12 2015-19-13 2015-19-16 2015-20-02	R 2013-02-10	The Boeing Company The Boeing Company Bombardier, Inc. The Boeing Company Airbus	787-8 767-200, -300, -300F, and -400ER series DHC-8-400, -401, and -402 777-200, -200LR, -300,-300ER, and 777F series 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
2015-20-05		Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	188A and 188C
<b>Biweekly 2015-21</b>			
2015-15-06 2015-20-01	R 2003-13-01	The Boeing Company Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	767-200, -300, and -300F series; 67-400ER series 188A and 188C
2015-20-03 2015-20-06 2015-20-07	R 2014-14-02	Pratt & Whitney Canada Corp Viking Air Limited Bombardier, Inc	PW120, PW121, and PW121A; PW124B, PW127, PW127E, PW127F; PW127E, PW127F; and PW127G DHC-7-1 and DHC-7-100 CL-600-2C10 (Regional Jet Series 700, 701, & 702); CL-600-2D15 (Regional Jet Series 705), and CL-600-2D24 (Regional Jet Series 900)
2015-20-08		Dassault Aviation	FAN JET FALCON, FAN JET FALCON SERIES C, D, E, F, and G; MYSTERE-FALCON 200; MYSTERE-FALCON 20-C5, 20-D5, 20-E5, and 20-F5
2015-20-10		Gulfstream Aerospace Corporation	GVI
<b>Biweekly 2015-22</b>			
2015-17-21 2015-18-04 2015-21-02 2015-21-03 2015-21-05	COR R 2010-08-08 R2011-06-04	Rolls-Royce plc CFM International S.A. Bombardier, Inc. Airbus Fokker Services B.V.	RB211-535E4-37, RB211-535E4-B-37, and RB211-535E4-C-37 CFM56-7B and CFM56-3 DHC-8-102, -103, -106, -201, -202, -301, -311, and -315 A330-243, -341, -342, and -343; and A330-243F F.27 Mark 200, 300, 400, 500, 600, and 700

## LARGE AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
2015-21-07		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
2015-21-08		The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series
2015-21-09	R 2015-19-02	The Boeing Company	767-200, -300, -300F, and -400ER series
2015-21-10	R 2015-19-03	The Boeing Company	737-600, -700, -700C, -800, -900, and -900ER series
2015-21-11	R 2015-16-01	The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series; 737-600, -700, -700C, -800, -900, and -900ER series
2015-22-01	R 2007-16-08	The Boeing Company	747-100, 747-100B, 747-100B SUD, 747-200B, 747-200C, 747-300, 747-400, 747-400D, and 747SR series
2015-22-03		Pratt & Whitney Division	PW4164, PW4168, PW4168A, PW4164C, PW4164C/B, PW4164-1D, PW4168-1D, PW4168A-1D, PW4170, PW4164C-1D, and PW4164C/B-1D; PW4050, PW4052, PW4056, PW4060, PW4060A, PW4060C, PW4062, PW4062A, PW4152, PW4156, PW4156A, PW4158, PW4160, PW4460, PW4462, and PW4650
<b>Biweekly 2015-23</b>			
2015-21-06	R 2002-07-08	The Boeing Company	737-200, -200C, -300, -400, and -500 series airplanes
2015-22-05	R 2009-18-15	Airbus	A300 B2-1A, B2-1C, B2K-3C, B2-203, B4-2C, B4-103, and B4-203 airplanes; A300 B4-601, B4-603, B4-620, and B4-622 airplanes; A300 B4-605R and B4-622R airplanes; A300 F4-605R and F4-622R, and A300 C4-605R Variant F airplanes; and A310-203, -204, -221, -222, -304, -322, -324, and -325 airplanes
2015-22-06		Airbus	A318-111, -112, -121, and -122 airplanes; A319-111, -112, -113, -114, -115, -131, -132, and -133 airplanes; A320-211, -212, -214, -231, -232, and -233 airplanes; A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes.
2015-22-07		Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	188A and 188C airplanes
2015-22-08		Airbus	A318-111, -112, -121, and -122 airplanes; A319-111, -112, -113, -114, -115, -131, -132, and -133 airplanes; A320-211, -212, -214, -231, -232, and -233 airplanes
2015-22-09		The Boeing Company	787-8 airplanes
2015-22-10		Airbus	A318-111, -112, -121, and -122 airplanes; A319-111, -112, -113, -114, -115, -131, -132, and -133 airplanes; A320-211, -212, -214, -231, -232, and -233 airplanes; A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes
2015-23-04		General Electric Company	GENx-1B model turbofan engines
<b>Biweekly 2015-24</b>			
2015-22-11	R 2011-09-04	Lockheed Martin Corporation/Lockheed Martin Aeronautics Company	382, 382B, 382E, 382F, and 382G airplanes
2015-23-05		Airbus	A330-201, -202, -203, -223, -223F, -243, -243F airplanes, A330-301, -302, -303, -321, -322, -323, -341, -342, -343 airplanes, A340-211, -212, -213, -311, -312, -313 airplanes.
2015-23-06	R 2008-22-20	Airbus	A330-201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342, -343, A340-311, -312, and -313 airplanes
2015-23-07		Bombardier, Inc.	BD-100-1A10 (Challenger 300) airplanes
2015-23-08		The Boeing Company	737-100, -200, -200C, -300, -400, and -500 series airplanes
2015-23-09		Zodiac Aerotechnics (formerly Intertechnique Aircraft Systems)	Flightcrew oxygen mask regulators (See AD)
2015-23-10		The Boeing Company	747-8 series airplanes
2015-23-11		The Boeing Company	747-100, 747-100B, 747-100B SUD, 747-200B, 747-300, 747SR, and 747SP series airplanes
2015-23-12		ATR–GIE Avions de Transport Régional	ATR42-200, -300, -320, -500; and ATR72-101, -201, -102, -202, -211, -212, and -212A airplanes
2015-23-13		Airbus	A318-111, -112, -121, and -122, A319-111, -112, -113, -114, -115, -131, -132, and -133 A320-211, -212, -214, -231,

## LARGE AIRCRAFT

AD No.	Information	Manufacturer	Applicability
Information Key: E - Emergency; COR - Correction; S – Supersedes, R - Replaces			
2015-23-14 2015-24-01		Fokker Services B.V. Airbus	-232, and -233 A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes. F.28 Mark 0070 and 0100 airplanes 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
<b>Biweekly 2015-25</b> 2015-24-04		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)
2015-24-06		Gulfstream Aerospace Corporation	GVI airplanes



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**2015-24-04 Bombardier Inc.:** Amendment 39-18336. Docket No. FAA-2015-5819; Directorate Identifier 2015-NM-166-AD.

**(a) Effective Date**

This AD becomes effective December 15, 2015.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to the airplanes, certificated in any category, identified in paragraphs (c)(1) through (c)(5) of this AD, configured with a Class C cargo compartment.

(1) Bombardier, Inc. Model CL-600-2B19 (Regional Jet Series 100 & 440) airplanes, serial numbers (S/Ns) 7003 and subsequent.

(2) Bombardier, Inc. Model CL-600-2C10 (Regional Jet Series 700, 701 & 702) airplanes, S/Ns 10002 and subsequent.

(3) Bombardier, Inc. Model CL-600-2D15 (Regional Jet Series 705) airplanes, S/Ns 15001 and subsequent.

(4) Bombardier, Inc. Model CL-600-2D24 (Regional Jet Series 900) airplanes, S/Ns 15001 and subsequent.

(5) Bombardier, Inc. Model CL-600-2E25 (Regional Jet Series 1000) airplanes, S/Ns 19001 and subsequent.

**(d) Subject**

Air Transport Association (ATA) of America Code 25, Equipment/Furnishings.

**(e) Reason**

This AD was prompted by reports of several cases of damaged or detached decompression WLPAs and BOPs. We are issuing this AD to detect and correct damaged and detached WLPAs and BOPs. A detached WLPA or BOP could delay smoke detection in the cargo compartment, and in the event of a cargo compartment fire, this could lead to an uncontrolled cargo compartment fire.

**(f) Compliance**

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

**(g) Repetitive Inspections and Repair**

Within 100 flight hours after the effective date of this AD, do the actions in paragraph (g)(1) or (g)(2) of this AD, as applicable.

(1) For Model CL-600-2B19 (Regional Jet Series 100 & 440) airplanes: Do a detailed inspection of the cage assembly for damage (including bent and damaged vertical and horizontal guard rails), do a detailed inspection of the WLPAs to detect discrepancies (including dents, bends, and deformations, and inadequate clearances), and do all applicable corrective actions, in accordance with the Accomplishment Instructions of Bombardier Service Bulletin 601R-25-201, dated July 21, 2015, except as required by paragraph (h) of this AD. Do all applicable corrective actions before further flight. Repeat the inspections thereafter at intervals not to exceed 100 flight hours.

(2) For Model CL-600-2C10 (Regional Jet Series 700, 701 & 702) airplanes, CL-600-2D15 (Regional Jet Series 705) airplanes, CL-600-2D24 (Regional Jet Series 900) airplanes, and CL-600-2E25 (Regional Jet Series 1000) airplanes: Do a detailed inspection of the cage assembly to detect damage (including bent or deformed tubing and frame, broken joints), and do a detailed inspection of the WLPAs to detect damage (including bent support pins and louver panels; inadequate clearances; and missing, torn, or unbonded fire blocking fabric and foams), and do a detailed inspection of the BOPs to detect damage (including bends, dents, punctures, and deformations; inadequate sealing tape; and a loose or frayed jumper), and do all applicable corrective actions, in accordance with the Accomplishment Instructions of Bombardier Service Bulletin 670BA-25-100, dated July 21, 2015, except as required by paragraph (h) of this AD. All applicable corrective actions must be done before further flight. Repeat the inspections thereafter at intervals not to exceed 100 flight hours.

#### **(h) Exceptions to Service Information Specifications**

Where Bombardier Service Bulletin 601R-25-201, dated July 21, 2015; and Bombardier Service Bulletin 670BA-25-100, dated July 21, 2015, specify to contact Bombardier for disposition of certain conditions, before further flight, repair 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).

#### **(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 Airframe and Mechanical Systems Branch, 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 TCCA; or Bombardier, Inc.'s TCCA 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-2015-28, dated October 21, 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-2015-5819.

**(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 601R-25-201, dated July 21, 2015.

(ii) Bombardier Service Bulletin 670BA-25-100, dated July 21, 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](mailto: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 November 19, 2015.

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



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**2015-24-06 Gulfstream Aerospace Corporation:** Amendment 39-18338; Docket No. FAA-2015-6546; Directorate Identifier 2015-NM-179-AD.

**(a) Effective Date**

This AD is effective December 4, 2015.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to Gulfstream Aerospace Corporation Model GVI airplanes, certificated in any category, serial numbers 6001 and 6003 through 6163 inclusive.

Note 1 to paragraph (c) of this AD: Model GVI airplanes are also referred to by marketing designations G650 and G650ER.

**(d) Subject**

Air Transport Association (ATA) of America Code 32, Landing gear.

**(e) Unsafe Condition**

This AD was prompted by reports of the self-sealing couplings on the brake inlet fitting that have been found backed out of the fully seated position. We are issuing this AD to detect and correct inadequate torque on the self-sealing coupling. This condition could result in an unannounced total loss of braking capability on one or multiple brakes, which could result in a runway overrun or asymmetrical braking that can lead to a lateral runway excursion.

**(f) Compliance**

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

**(g) Repetitive Breakaway Torque Checks and Torqueing**

(1) Within 15 days after the effective date of this AD, perform a breakaway torque check and torque the brake inlet self-sealing couplings, in accordance with Part I of the Accomplishment Instructions of Gulfstream G650 Alert Customer Bulletin 4A, dated November 13, 2015; or Gulfstream G650ER Alert Customer Bulletin 4A, dated November 13, 2015; as applicable.

(2) Within 100 flight cycles after completing the actions required by paragraph (g)(1) of this AD, perform a breakaway torque check and torque the brake inlet self-sealing couplings, in accordance with Part II of the Accomplishment Instructions of Gulfstream G650 Alert Customer Bulletin 4A,

dated November 13, 2015; or Gulfstream G650ER Alert Customer Bulletin 4A, dated November 13, 2015; as applicable. Repeat the actions thereafter at intervals not to exceed 100 flight cycles.

**(h) Revision to Airplane Flight Manual (AFM)–Dispatch Limitations**

Within 15 days after the effective date of this AD, revise the Limitations section of the AFM to include the statement found in figure 1 to paragraph (h) of this AD. This may be done by inserting a copy of this AD into the AFM. When a statement identical to that in figure 1 to paragraph (h) of this AD has been included in the general revisions of the AFM, the general revisions may be inserted into the AFM, and the copy of this AD may be removed from the AFM.

**Figure 1 to Paragraph (h) of this AD - Dispatch Limitation**

**BRAKE MAINTENANCE REQUIRED**

“IF THE BLUE BRAKE MAINTENANCE REQD CAS MESSAGE DISPLAYS DURING AIRCRAFT OPERATIONS, FLIGHT CREWS ***MUST NOT DISPATCH OR PERFORM A TAKEOFF*** UNTIL AFTER MAINTENANCE PERSONNEL HAVE DETERMINED THE CAUSE OF THE MESSAGE AND CONFIRM IT IS NOT A BRAKE FAILURE RESULTING FROM ONE OR MORE LOOSE BRAKE CONNECTOR LINE FITTINGS.”

**(i) Revision to AFM–In-flight Warning**

Within 15 days after the effective date of this AD, revise the Limitations section of the AFM to include the statement found in figure 2 to paragraph (i) of this AD. This may be done by inserting a copy of this AD into the AFM. When a statement identical to that in figure 2 to paragraph (i) of this AD has been included in the general revisions of the AFM, the general revisions may be inserted into the AFM, and the copy of this AD may be removed from the AFM.

**Figure 2 to Paragraph (i) of this AD – In-flight Warning**

**WHEEL DESPIN FAIL**

“WARNING: IF AMBER WHEEL DESPIN FAIL CAS MESSAGE DISPLAYS, BRAKING CAPABILITY MAY BE REDUCED AND/OR THERE MAY BE NO BRAKING ON ONE SIDE, RESULTING IN ASYMMETRIC BRAKING. ***SELECT THE LONGEST RUNWAY*** POSSIBLE FOR LANDING”

**(j) Credit for Previous Actions**

This paragraph provides credit for the actions required by paragraph (g)(1) of this AD, if those actions were performed before the effective date of this AD using Gulfstream G650 Alert Customer

Bulletin 4, dated November 6, 2015; or Gulfstream G650ER Alert Customer Bulletin 4, dated November 6, 2015; which are not incorporated by reference in this AD.

**(k) No Reporting Requirement**

Although Gulfstream G650 Alert Customer Bulletin 4A, dated November 13, 2015; and Gulfstream G650ER Alert Customer Bulletin 4A, dated November 13, 2015; specify to submit certain information to the manufacturer, this AD does not require that action.

**(l) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, Atlanta 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 (m) of this AD.

(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) For service information that contains steps that are labeled as Required for Compliance (RC), the provisions of paragraphs (l)(3)(i) and (l)(3)(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.

**(m) Related Information**

For more information about this AD, Gideon Jose, Aerospace Engineer, Systems and Equipment Branch, ACE-119A, FAA, Atlanta Aircraft Certification Office (ACO), 1701 Columbia Avenue, College Park, GA 30337; phone: 404-474-5569; fax: 404-474-5606; email: Gideon.Jose@faa.gov.

**(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 the AD specifies otherwise.

(i) Gulfstream G650 Alert Customer Bulletin 4A, dated November 13, 2015.

(ii) Gulfstream G650ER Alert Customer Bulletin 4A, dated November 13, 2015.

(3) For Gulfstream service information identified in this AD, contact Gulfstream Aerospace Corporation, Technical Publications Dept., P.O. Box 2206, Savannah, GA 31402-2206; telephone 800-810-4853; fax 912-965-3520; email pubs@gulfstream.com; Internet [http://www.gulfstream.com/product\\_support/technical\\_pubs/pubs/index.htm](http://www.gulfstream.com/product_support/technical_pubs/pubs/index.htm).

(4) You may view this service information at 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 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 November 25, 2015.  
Michael Kaszycki,  
Acting Manager, Transport Airplane Directorate,  
Aircraft Certification Service.