

Attachment 18-1 Transport category airplane widespread fatigue damage inspection compliance requirements and limit of validity

This attachment is referred to Article 144-1 and referred to FAR 26.21, 26.23 and 121.1115

1. Operator operating any airplane as listed in below table shall incorporated the airworthiness limitations section pertaining to widespread fatigue damage inspection and Limit of validity (LOV) which is approved by the Regulatory Authority of airplane manufacture into its maintenance program r before its compliance date.
2. Those aircraft which did not receive the approved Limit of Validity from the Authority of State of Design shall use the Table 1 as their limit.
3. The operator might exceed the Limit of Validity of aircraft when escalated Limit of Validity was approves by the Authority of State of Design and the airworthiness Limitations items related to wide-spread fatigue damage were incorporated into maintenance program.

Table 1

Airplane model	Default LOV [flight cycles (FC) or flight hours (FH)]	Compliance date
Airbus— (Type Certificates and Amended Type Certificates approved before January 14, 2011)		
A300 B2-1A, B2-1C, B2K-3C, B2-203	48,000 FC	August 14, 2013
A300 B4-2C, B4-103	40,000 FC	August 14, 2013
A300 B4-203	34,000 FC	August 14, 2013
A300-600 Series	30,000 FC/67,500 FH	August 14, 2013
A310-200 Series	40,000 FC/60,000	August 14, 2013

	FH	
A310-300 Series	35,000 FC/60,000 FH	August 14, 2013
A318 Series	48,000 FC/60,000 FH	February 14, 2016
A319 Series	48,000 FC/60,000 FH	February 14, 2016
A320-100 Series	48,000 FC/48,000 FH	February 14, 2016
A320-200 Series	48,000 FC/60,000 FH	February 14, 2016
A321 Series	48,000 FC/60,000 FH	February 14, 2016
A330-200, -300 Series (except WV050 family) (non enhanced)	40,000 FC/60,000 FH	February 14, 2016
A330-200, -300 Series WV050 family (enhanced)	33,000 FC/100,000 FH	February 14, 2016
A330-200 Freighter Series	See NOTE.	February 14, 2016
A340-200, -300 Series (except WV 027 and WV050 family) (non enhanced)	20,000 FC/80,000 FH	February 14, 2016
A340-200, -300 Series WV 027 (non enhanced)	30,000 FC/60,000 FH	February 14, 2016

A340-300 Series WV050 family (enhanced)	20,000 FC/100,000 FH	February 14, 2016
A340-500, -600 Series	16,600 FC/100,000 FH	February 14, 2016
A380-800 Series	IAW the Airworthiness Limitation Section of the ICA.	February 14, 2016
Boeing— (Type Certificates and Amended Type Certificates approved before January 14, 2011)		
717	60,000 FC/60,000 FH	February 14, 2016
727 (all series)	60,000 FC	August 14, 2013
737 (Classics): 737-100, -200, -200C, -300, -400, -500	75,000 FC	August 14, 2013
737 (NG): 737-600, -700, -700C, -800, -900, -900ER	75,000 FC	February 14, 2016
747 (Classics): 747-100, -100B, -100B SUD, -200B, -200C, -200F, -300, 747SP, 747SR	20,000 FC	August 14, 2013
747-400: 747-400, -400D, -400F	20,000 FC	February 14, 2016
757	50,000 FC	February 14, 2016

767	50,000 FC	February 14, 2016
777-200, -300	40,000 FC	February 14, 2016
777-200LR, 777-300ER	40,000 FC	February 14, 2017
777F	11,000 FC	February 14, 2017
Bombardier—Existing 1Models Only:		
CL-600: 2D15 (Regional Jet Series 705), 2D24 (Regional Jet Series 900)	60,000 FC	February 14, 2017
Embraer—Existing 1Models Only:		
ERJ 170	See NOTE.	February 14, 2017
ERJ 190	See NOTE.	February 14, 2017
Fokker—Existing 1Models Only:		
F.28 Mark 0070, Mark 0100	90,000 FC	August 14, 2013
Lockheed—Existing 1Models Only:		
L-1011	36,000 FC	August 14, 2013
188	26,600 FC	August 14, 2013
382 (all series)	20,000 FC/50,000 FH	August 14, 2013

McDonnell Douglas—Existing Models Only:		
DC-8, -8F	50,000 FC/50,000 FH	August 14, 2013
DC-9 (except for MD-80 models)	100,000 FC/100,000 FH	August 14, 2013
MD-80 (DC-9-81, -82, -83, -87, MD-88)	50,000 FC/50,000 FH	August 14, 2013
MD-90	60,000 FC/90,000 FH	February 14, 2016
DC-10-10, -15	42,000 FC/60,000 FH	August 14, 2013
DC-10-30, -40, -10F, -30F, -40F	30,000 FC/60,000 FH	August 14, 2013
MD-10-10F	42,000 FC/60,000 FH	February 14, 2016
MD-10-30F	30,000 FC/60,000 FH	February 14, 2016
MD-11, MD-11F	20,000 FC/60,000 FH	February 14, 2016
Maximum Takeoff Gross Weight Changes:		
All airplanes whose maximum takeoff gross weight has been	Not applicable.	August 14, 2013 or within 12

decreased to 75,000 pounds or below after January 14, 2011, or increased to greater than 75,000 pounds at any time by an amended type certificate or supplemental type certificate		months after the LOV is approved, or before operating the airplane, whichever occurs latest
All Other Airplane Models (TCs and amended TCs) not Listed in Table 2	Not applicable	February 14, 2016 or within 12 months after the LOV is approved, or before operating the airplane, whichever occurs latest

4. Operator operating any airplane as listed in below table shall incorporated the airworthiness limitations section pertaining to widespread fatigue damage inspection and Limit of validity (LOV) which is approved by the Regulatory Authority of airplane manufacturer into its maintenance program before July 14, 2013.

Table 2

Airplane model	Default LOV [flight cycles (FC) or flight hours (FH)]
Airbus:	
Caravelle	15,000 FC/24,000 FH
Avions Marcel Dassault:	

Breguet Aviation Mercure 100C	20,000 FC/16,000 FH
Boeing:	
Boeing 707 (-100 Series and -200 Series)	20,000 FC
Boeing 707 (-300 Series and -400 Series)	20,000 FC
Boeing 720	30,000 FC
Bombardier:	
CL-44D4 and CL-44J	20,000 FC
BD-700	15,000 FH
Bristol Aeroplane Company:	
Britannia 305	10,000 FC
British Aerospace Airbus, Ltd.:	
BAC 1-11 (all models)	85,000 FC
British Aerospace (Commercial Aircraft) Ltd.:	
Armstrong Whitworth Argosy A.W. 650 Series 101	20,000 FC
BAE Systems (Operations) Ltd.:	
BAe 146-100A (all models)	50,000 FC

BAe 146-200-07	50,000 FC
BAe 146-200-07 Dev	50,000 FC
BAe 146-200-11	50,000 FC
BAe 146-200-07A	47,000 FC
BAe 146-200-11 Dev	43,000 FC
BAe 146-300 (all models)	40,000 FC
Avro 146-RJ70A (all models)	40,000 FC
Avro 146-RJ85A and 146-RJ100A (all models)	50,000 FC
D & R Nevada, LLC:	
Convair Model 22	1,000 FC/1,000 FH
Convair Model 23M	1,000 FC/1,000 FH
deHavilland Aircraft Company, Ltd.:	
D.H. 106 Comet 4C	8,000 FH
Gulfstream:	
GV	40,000 FH
GV-SP	40,000 FH

Ilyushin Aviation Complex:	
IL-96T	10,000 FC/30,000 FH
Lockheed:	
300-50A01 (USAF C 141A)	20,000 FC