



U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

Reply to Letter # L115W-15-423

Date: June 16, 2015

Dear Learjet Owner/Operator:

Subject: Global Method of Compliance (MOC) for paragraph (h) of Airworthiness Directive (AD) 2015-12-06

This memo provides a method of compliance (MOC) to paragraph (h), "Maintenance/Inspection Program Revision" of AD 2015-12-06. This MOC is applicable to Model 45 airplanes: (Learjet 40, Serials 45-2000 through 45-2120 inclusive and 45-2122 through 45-2130 inclusive) or (Learjet 45, Serials 45-005 through 45-427).

Paragraph (h) of AD 2015-12-06 requires, within 30 days after the effective date of AD 2015-12-06, revising the maintenance or inspection program, as applicable, to incorporate inspection reference number (IRN) task number U5323167, and U5323168 or V5323168, as applicable, into the Airworthiness Limitations of the applicable maintenance manual, in accordance with a method approved by the Manager, Wichita Aircraft Certification Office (ACO), ACE-115W, FAA.

This letter approves incorporating Chapter 4 Airworthiness Limitations as a method of compliance to paragraph (h) of AD 2015-12-06, provided the limitations include the following:

Learjet 45 Maintenance Manual

Section 4-10-01 Certification Maintenance Requirements – Structure Checks

IRN -	Zone/ Access	Maintenance Requirements – Structure Checks -	Interval
U5323168 or V5323168	220	* LH and RH Lower Coupe Rail Radius/ Windscreen Retainer Attach (P/N's 4553130001- 802 thru 4553130001-809) - Perform Eddy Current Inspection (Effective on Aircraft that have complied with SB 45-56-3, "Windows - Windshield Coupe Rail Inspection.")	5,000 flight hours initial, 5000 flight hours repeat

Learjet 40 Maintenance Manual

Section 4-10-01 Certification Maintenance Requirements – Structure Checks

IRN -	Zone/ Access	Maintenance Requirements – Structure Checks -	Interval
U5323168 or V5323168	220	* LH and RH Lower Coupe Rail Radius/ Windscreen Retainer Attach (P/N's 4553130001- 802 thru 4553130001-809) - Perform Eddy Current Inspection (Effective on Aircraft that have complied with SB 40-56-03, “Windows - Windshield Coupe Rail Inspection.”)	5,000 flight hours initial, 5000 flight hours repeat

Learjet 45 Maintenance Manual and Learjet 40 Maintenance Manual

Section 4-11-00

Airworthiness Limitations – Replacement Requirements

IRN -	Zone/ Access	Replacement Requirement -	Interval
U5323167	220	* LH & RH Coupe Rails (P/N 4553002003V7000- 001, 4553002003V7001-002)	600 Hours / 36 Months, whichever occurs first.

The eddy current inspection is specified in Bombardier Recommended Service Bulletins SB 45-56-3 Rev. 1, Section 3.B.(9) and SB 40-56-03 Rev. 1, Section 3.B.(9). The service bulletin action may not have occurred during a 5,000 flight hour phase interval, however, the next eddy current inspection shall be aligned with the 5000 flight hour recurring inspections. Utilize the eddy current inspection as referenced in Section 3.B.(9).

Only three airplanes were affected by IRN U5323167 and Learjet has replaced all of the affected coupe rails. The affected airplanes are S/N 45-428, 45-432 and 45-2121.

Compliance to paragraph (h), “Maintenance /Inspection Program Revision” of AD 2015-12-06 may be achieved by utilizing:

1. Bombardier Learjet 40 Maintenance Manual MM-105, Revision 25, dated June 11, 2012 or later FAA approved revision.
2. Or Bombardier Learjet 45 Maintenance Manual MM-104, Revision 57, dated June 11, 2012 or later FAA approved revision.
3. Or incorporating the IRN’s listed above into your FAA approved inspection program.

The Wichita Aircraft Certification Office approves the method of compliance herein to paragraph (h) of AD 2015-12-06.

The following conditions apply:

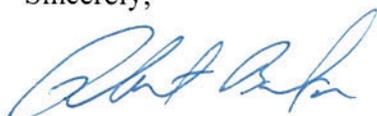
1. All provisions of AD 2015-12-06 that are not specifically referenced above remain fully applicable and must be complied with accordingly.
2. This approval is applicable only to:
 - a. Model 45 airplanes: (Learjet 40, Serials 45-2000 through 45-2120 inclusive and 45-2122 through 45-2130 inclusive).
 - b. Model 45 airplanes: (Learjet 45, Serials 45-005 through 45-427).
3. This approval is based on data from the following publications used to establish an acceptable level of safety:
 - a. Bombardier Learjet 40 Maintenance Manual MM-105, Revision 25, dated June 11, 2012 or later FAA approved revision.
 - b. Bombardier Learjet 45 Maintenance Manual MM-104, Revision 57, dated June 11, 2012 or later FAA approved revision.
 - c. Bombardier Learjet 40 Recommended Service Bulletin 40-56-03, Revision 1, dated October 15, 2012.
 - d. Bombardier Learjet 45 Recommended Service Bulletin 45-56-3, Revision 1, dated October 15, 2012.
4. This approval is transferable with the aircraft to an operator who operates the aircraft under U.S. registry.

Before using this MOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

Foreign registered aircraft should make request directly to their specific civil aviation authority (CAA).

Should you have any questions, please contact this office at telephone number (316) 946-4152 email paul.chapman@faa.gov.

Sincerely,



for Margaret Kline
Manager, Wichita Aircraft Certification Office

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