



AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) to ADs.

Number:

CF-2018-13

Effective Date:

11 May 2018

ATA:

25

Type Certificate:

A-273

Subject:

Equipment/Furnishing - Passenger Seats – Unsecured Passenger Safety Lap Belts

Applicability:

Diamond Aircraft model DA 62 aeroplanes, serial numbers 62.009, 62.011, 62.016, 62.017, 62.018, 62.019, 62.022, 62.023, 62.024, 62.027, 62.028, 62.029, 62.033, 62.035, 62.036, 62.039, 62.040, 62.042 through 62.047, 62.049, 62.050, 62.051, 62.052, 62.054, 62.055, 62.057, 62.058, 62.059, 62.061, 62.063 through 62.079, 62.C002 and 62.C004.

Compliance:

As indicated below, unless already accomplished.

Background:

During a routine inspection of an aircraft, an operator reported a passenger safety lap belt not securely attached to the seat structure. Subsequent investigation revealed that other aircraft of the same model may also have passenger safety lap belts not properly connected to the seat pan. This condition, if not detected and corrected, could result in failure of the safety belt to perform its intended function, which could lead to injury to occupants in case of an emergency landing.

To address this potential unsafe condition, Diamond Aircraft Industries Inc. published Mandatory Service Bulletin (MSB) MSB62-020 to provide instructions for a one-time inspection to verify if the safety lap belts are properly secured to the seat pan and correct any deficiencies.

For the reasons described above, this AD requires compliance with MSB62-020.

Corrective Actions:

Part I - Air Operator Actions

- A. As of the effective date of this AD, amend all copies of the Aircraft Flight Manual (AFM) 7.01.25-E to prohibit the use of the passenger front row seats and passenger rear row seats (if OÄM 62-019 is installed). Maximum number of occupants is limited to two persons and only the pilot and co-pilot seats may be occupied. Advise all flight crews of these changes.

Note: The required AFM amendment may be accomplished by inserting a copy of this AD into the AFM Chapter 2 Operation Limitations Section 2.12 Flight Crew.

- B. After completing the inspection and, if necessary, rectification of the safety lap belts of the passenger front row seats and passenger rear row seats (if OÄM 62-019 is installed) in accordance with Part II of this AD, remove the AFM amendment mandated in Part I, paragraph A above. Advise all flight crews of this change.

Part II - Maintenance Actions

- A. At the next scheduled inspection, or before accumulating 50 hours air time, whichever occurs first, from the effective date of this AD, inspect the safety lap belts of the passenger front row seats and passenger rear row seats (if OAM 62-019 is installed) in accordance with the accomplishment instructions of Diamond Aircraft Industries Inc. MSB62-020, Initial Issue, dated February 9, 2018.
- B. If, during the inspection as required by Part II, paragraph A of this AD, any safety lap belt is found not to be properly secured, before next flight, completely remove the bolt and reinstall the safety lap belt assembly in accordance with the accomplishment instructions of Diamond Aircraft Industries Inc. MSB62-020, Initial Issue, dated February 9, 2018.

The use of later revisions of MSB62-020 approved by the Chief, Continuing Airworthiness, Transport Canada, are acceptable for compliance with the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 27 April 2018

Contact:

Audrey Vézina-Manzo, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.