
AIRWORTHINESS DIRECTIVE

On the commencement date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below repeals Airworthiness Directive (AD) AD/BN-2/63 and issues the following AD under subregulation 39.001 (1) of CASR 1998 and subsection 33 (3) of the *Acts Interpretation Act 1901*. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct an unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

Britten-Norman Aircraft BN-2 Series Aeroplanes

AD/BN-2/63 Nacelle Box Structure at Bottom Fitting of MLG 1/2018 Amdt 1

Applicability: All models of Britten-Norman BN-2, BN-2A, BN-2B and BN-2T Islander aircraft.

Requirement:

1. Inspect the Nacelle Box Structure in accordance with Britten-Norman Mandatory Service Bulletin BN2/SB.235 Issue 1 (the SB), as in force at the time of issue of this AD.
2. Repair Nacelle box doubler and J-stiffeners.

Note: UK CAA AD 011-10-97 refers.

Compliance:

1. Unless already accomplished, within 50 landings after 21 May 1998 or before further flight if there have been more than 50 landings. After the inspection, conduct an inspection in accordance with the SB:
 - a. At 500 hour intervals if no cracks are found in the nacelle box structure;
 - b. Every 50 landings if cracks are found which are less than 5mm in length.
2. Before further flight if any cracks found are greater than 5mm in length.

This AD commences on 19 January 2018.

Background: Some of the attachment bolts of the landing gear bottom fitting have been found in a threadbound condition, and AD/BN-2/61 was issued to address this problem. Threadbound bolts can cause play at the main landing gear bottom fitting and result in cracks in the nacelle box structure.

Amendment 1 of this AD is issued to emphasise the need to comply with the repeat inspection requirements of UK CAA classified Mandatory Service Bulletin BN2/SB.235 Issue 1.



David Punshon
Delegate of the Civil Aviation Safety Authority

8 January 2018