



United Kingdom Civil Aviation Authority

AIRWORTHINESS DIRECTIVE

AD No: G-2005-0034

Issue Date: 15 December 2005

This AD is issued by the UK CAA acting as the Primary Aviation Authority (ICAO Annex 8 Authority of State of Design) for the affected product(s).

Approved by the European Aviation Safety Agency under approval number 2005-6447 on 15 December 2005.

In accordance with Article 10 of the Air Navigation Order 2005 as amended the following action required by this Airworthiness Directive (AD) is mandatory for applicable aircraft registered in the United Kingdom.

No person may operate an aircraft to which an AD applies except in accordance with the requirements of that AD unless otherwise agreed with the Authority of the State of Registry.

Type Approval Holders Name:

B-N GROUP LTD

Type/Model Designation(s):

**BN2, BN2A, BN2B, BN2T, BN2T-4R AND
BN2T-4S ISLANDER SERIES
BN2A Mk III TRISLANDER SERIES**

Type Certificate Data Sheet No: BA6, BA8

Superseded/Revised ADs: None

ATA 11 – PITOT/STATIC PRESSURE HEADS – INSPECTION AND TEST

Manufacturer(s): B-N Group Ltd, Britten Norman Ltd, Fairey Britten-Norman Ltd, Britten-Norman (Bembridge) Ltd, Pilatus Britten-Norman Ltd and PADC.

Applicability: All Models BN2, BN2A, BN2B, BN2T, BN2T-4R and BN2T-4S Islander series and all BN2A Mk.III Trislander series aeroplanes

Reason: This AD is issued to address an unsafe condition that may exist on the applicable B-N aircraft. Incidences have been reported to B-N Group where cracks have been found in the inner shell of the pitot/static pressure heads. This could result in incorrect readings on the pressure instrumentation e.g. altimeters, vertical speed indicators (rate-of-climb) and airspeed indicators. This condition has been determined to be potentially hazardous.

B-N Group has issued Service Bulletin 310 as a result of these reports, the SB identifies an inspection procedure and a leak test procedure to detect cracks.

Effective Date: 23 December 2005

Compliance/Action: Prior to 1 February 2006, perform the inspection procedure and the leak test procedure as detailed in, Section 6 Action, of B-N Service Bulletin 310 Issue 1 dated 10/10/05 or later approved revisions.

Repeat this inspection procedure and leak test procedures at intervals not exceeding 500 hours. In addition within 500 hours of the initial inspection, as given in SB 310 Issue 1 dated 10/10/05 or later approved revisions, perform an initial check of the drain traps for moisture, repeat this check at intervals not exceeding 500 hours.

continued overleaf

Reference Publications: Britten-Norman Service Bulletins may be obtained from B--N Group Limited, Bembridge Airport, Isle of Wight, PO35 5PR, United Kingdom. Phone: +44 (0) 1983 872511 Fax: +44 (0) 1983 873246.

Remarks: Enquires regarding this Airworthiness Directive should be referred to Certification and Approvals Department, Civil Aviation Authority, Aircraft Certification Section, Safety Regulation Group, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR, United Kingdom. Phone: +44 (0) 1293 573315 Fax: +44 (0) 1293 573976 E-mail: Department.Certification@srg.caa.co.uk

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