



सत्यमेव जयते

## Directorate General of Civil Aviation

### AIRWORTHINESS DIRECTIVE

**AD No. 005**

**Issued/Date:** 01.11.2008

No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with DGCA or the state of registry, as applicable.

**Type Approval Holder's Name**

National Aerospace Laboratories (NAL), Bangalore.

**Type/Model designation(s)**

Hansa-3 aircraft

**TCDS No.:** 7-12/94-RD-TC-1

**Foreign AD Number:** Not Applicable

**Supersedure:** None

**ATA chapter 32**

Landing Gear – Nose Landing Gear assembly.

**Manufacturer(s):**

National Aerospace Laboratories (NAL), Bangalore.

**Applicability:**

Sl. No. 001, 002, 003, 004 and onwards

**Reason:**

During inspection of one of the Hansa-3 aircraft, nose undercarriage shock absorber piston eye end was found sheared off.

Since an unsafe condition has been identified that is likely to exist on other aircraft of the same type design, this Airworthiness Directive is being issued for carrying out one time check.

<b>Effective Date:</b>	Within 21days after date of issue of this AD.
<b>Compliance:</b>	<p>Nose Landing Gear shock absorber and brackets have been modified through Mandatory Service Bulletin No. NAL/SB/HANSA-3/003 dated 03.04.2002. This one time check to ascertain modification of Nose Landing Gear shock absorber and brackets should be ensured on the above stipulated aircraft serial number and its every aircraft under production.</p> <p>Carry out the check for any damage in the shock absorber piston eye end and brackets during every pre-flight.</p> <p>After carrying out one time checks, compliance certificate should be submitted to the Project Director(HANSA), Centre for Civil Aircraft Design &amp; Development(F), NWTC, Belur Campus, National Aerospace Laboratories, Bangalore- 560 03.</p>
<b>Ref. Publications:</b>	NAL's Mandatory Service Bulletin No. NAL/SB/HANSA-3/003, 03.04.2002.
<b>Remarks:</b>	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, Director (AED), New Delhi may accept Alternative Methods of Compliance for this AD.</li> <li>2. Enquiries regarding this AD should be addressed to Director (AED), Office of the Director General of Civil Aviation, Civil aviation Department, Opposite Safdarjung Airport, New Delhi – 110003. E-mail: <a href="mailto:design@dgca.nic.in">design@dgca.nic.in</a>.</li> <li>3. For any questions concerning the technical content of the requirements in this AD, please contact: Project Director(HANSA), Centre for Civil Aircraft Design &amp; Development(F), NWTC, Belur Campus, National Aerospace Laboratories, Bangalore- 560 03. INDIA. Telephone No. +91-080-25051632, FAX: +91-080-25227087, Email: satrohi@live.com</li> </ol>

This AD, which prescribes/mandates action to be performed on to aircraft as stated above to restore an acceptable level of safety is hereby issued in accordance with CAR 21.3B. TC Holder/Operators shall comply with the above stated AD within the specified time.

-Sd-

(CHARAN DASS)  
Deputy Director General of Civil Aviation  
for Director General of Civil Aviation