



सत्यमेव जयते

DIRECTORATE GENERAL OF CIVIL AVIATION

PROPOSED AIRWORTHINESS DIRECTIVE

PROPOSED AIRWORTHINESS DIRECTIVE No.: 15-001

Issued / Date: 13-09-2015

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 the DGCA or the State of Registry as applicable.

**Type Approval Holder's Name**

Rotary Wing Research and Design Centre,  
Hindustan Aeronautics Limited, Bangalore

**Type /Model designation (s)**

All civil variant Advanced Light Helicopters  
(Dhruv)

**Type certificate Data Sheet Number** :5-8/96 – RD

**Foreign AD Number** : Not applicable

**Supersedure** : None

**ATA Chapter:**55

**Name of the affected part :**

TGB fairing-RHS attachment.

**Required action :**

To introduce spring washer on TGB fairing- RHS attachment on civil variant Advanced Light Helicopter-Dhruv

**Manufacturer :**

Helicopter Division, Hindustan Aeronautics Limited, Bangalore

**Applicability :**

**Model number      Serial Number**

Dhruv (C)              PTC2

Dhruv (CFW)        DW 28, DW 77, DW78, DCWF 01 to 04, DCWF 06, and DCWF 07

Dhruv (CS)        DS 35, DS 51, and DS 65

**Reason :**

In one of the advanced Light Helicopter, dent mark was observed on end plate RH side. Also, dent and erosion protection strip delamination was observed on TRB. It was found that one screw from TGB fairing-RHS attachment came out and hit TRB first then got embedded into end plate.

	<p>The type of failure is considered critical as it may affect both TRB and end plate. Since an unsafe condition has been identified and the unsafe condition is likely to develop on other ALH of similar type design, this Airworthiness Directive is issued to introduce spring washer on TGB fairing-RHS attachment.</p> <p>The compliance certificate of the subject modification shall be submitted to the Airworthiness Group of RWR&amp;DC, HAL, Bangalore through the Customer Services Department of Helicopter Division, HAL, Bangalore.</p>
<b>Effective Date :</b>	Within 14 days from the date of issue of this AD.
<b>Compliance :</b>	<p><b>For all civil ALH under production:</b> As specified in Modification Leaflet No. ALHC/553/242, Rev. A, dated 29.06.2015</p> <p><b>For all civil ALH in operation:</b> As specified in Service Bulletins No. 201 553 425, Rev. A dated 29.06.2015, within 50 flight hours or 30 days, whichever is earlier, from the date of issue of this AD.</p>
<b>Ref. Publications :</b>	HAL Modification Leaflet No. ALHC/553/242, Rev. A, dated 29.06.2015 & HAL Service Bulletins No. 201 553 425, Rev. A dated 29.06.2015.
<b>Remarks :</b>	<p>1. If requested and appropriately substantiated, Joint Director General Aircraft Engineering Directorate, DGCA, New Delhi may accept Alternative Methods of Compliance (AMOCs) for this AD.</p> <p>2. Enquiries regarding this AD should be addressed to Joint Director General, Aircraft Engineering Directorate, Office of the DGCA, Opposite to Safdarjung Airport, New Delhi-110003.e-mail : lalit.dgca@nic.in</p> <p>3. For any questions concerning the technical content of the requirements in this AD or above referred SB, please contact to the Customer Care Department, ALH-Civil, Helicopter Division, HAL, Post: Vimanapura , Bangalore-560017, India.</p> <p>Telephone Number : +91-080-2232 3351, Fax: +91-080-2531 4717 e-mail: <a href="mailto:csdcivilalh.hcop@hal-india.com">csdcivilalh.hcop@hal-india.com</a></p>

This AD, which prescribes/mandates action to be performed on the helicopters as stated above to restore an acceptable level of safety, is hereby issued pursuant to CAR 21.3B. TC holder/ operators are required to comply with the above stated AD within the stipulated time.

(Lalit Gupta)  
Joint Director General  
For Director General of Civil Aviation