



सत्यमेव जयते

# Directorate General of Civil Aviation

## AIRWORTHINESS DIRECTIVE

**AD No. 020**

**Issued/Date.** 02.11.2010

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**

Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bangalore.

**Type/Model designation(s)**

All Civil variant DHRUV helicopters

**TCDS No.:** 5-8/96-RD

**Foreign AD Number:** Not Applicable

**Supersedure:** None

**ATA 55-30**

STABILIZER – Vertical stabilizer – One time check for crack on IGB rib on fin torsion box assembly & tail boom assembly AFT

**Manufacturer(s):**

Helicopter Division, Hindustan Aeronautics Limited, Bangalore

**Applicability:**

Model number	Serial number
Dhruv (C)	PTC2,
Dhruv (CFW)	DW-28, DW-63, DW-77 and DW-78, DCWF-01 to -05
Dhruv (CS)	DS-35, DS-51 & DS-65

**Reason:**

Crack was found during inspection on LH side of horizontal stabilizer mounting bracket fitted on vertical fin spar and IGB rib.

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 for crack on IGB rib on fin torsion box assembly & tail boom assembly AFT on civil variant ALH (Dhruv helicopter) and submit the compliance certificate to Airworthiness Group of RWR&DC, HAL, Bangalore.

**Effective Date:**

Within 21 days after final AD issue date.

<b>Compliance:</b>	Carry out one time check for crack as per Alert Service Bulletin No. 201 553 A356, Rev. A, dated 17.05.2010, if not already accomplished.
<b>Ref. Publications:</b>	RWR&DC-HAL Alert Service Bulletin No. 201 553 A356, Rev A dated 17.05.2010
<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:lalit.dgca@nic.in">lalit.dgca@nic.in</a>.</li> <li>3. For any questions concerning the technical content of the requirements in this AD/above referred ASB, please contact: Customer Services Department, ALH civil, Helicopter Division, Hindustan Aeronautics Limited, Vimanapura post, Bangalore – 560017. INDIA. Tele-fax No. +91 -80 2231 3713 Email: <a href="mailto:csdalh@yahoo.com">csdalh@yahoo.com</a>.</li> </ol>

This AD, which prescribes/mandates action to be performed on to 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.

-Sd-

(D.N Lahon)  
Deputy Director General  
for Director General of Civil Aviation