



सत्यमेव जयते

## Directorate General of Civil Aviation

### AIRWORTHINESS DIRECTIVE

**AD No. 025**

**Issued/Date:** 27.02.2012

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 62 - 20**

ROTOR(S) – Rotor head(s) – One time Torque check on Mounting Bolts of Main Rotor Blade

**Manufacturer(s):**

Helicopter Division, Hindustan Aeronautics Limited, Bangalore

**Applicability:**

Model number	Serial number
Dhruv (C)	PTC-2,
Dhruv (CFW)	DW-28, DW-77 and DW-78, DCWF- 01 to DCWF-06, excluding DCWF - 05
Dhruv (CS)	DS-35, DS-51 and DS-65

**Reason:**

The Alert Service Bulletin "One time torque check on mounting bolts of Main Rotor Blade" is issued on the basis of recommendation made in preliminary investigation report on accident to BSF (Air Wing) Dhruv helicopter VT-BSH (DW-63) on 19-10-2011.

-	<p>The ASB illustrates the retention torque check to be carried out on Mounting Bolts of Main Rotor blades (Bolt-blade fork, Screw blade fork and nut-main bolt) &amp; blade fork captive lug and bush.</p> <p>This AD is applicable to Civil Dhruv helicopter for "One time torque check on mounting bolts of Main Rotor Blade". The compliance certificate should be submitted to Airworthiness group of RWR&amp;DC, HAL, Bangalore through customer Services Department of Helicopter Division.</p>
<b>Effective Date:</b>	Within 21 days after final AD issue date.
<b>Compliance:</b>	<p>Carry out one time torque check on mounting bolts of Main Rotor Blade as per Alert Service Bulletin No. 201 620 A386, Rev. A dated 06.12.2011.</p> <p>If the checks specified in Alert Service Bulletin has already been carried out and compliance certificate have been submitted to Certification and Airworthiness Group of RWR&amp;DC, HAL, Bangalore, then this check is not required to be performed again.</p>
<b>Ref. Publications:</b>	RWR & DC-HAL Alert Service Bulletin No. 201 620 A386, Rev. A dated 06.12.2011
<b>Remarks:</b>	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, Dy. Director General (AED), New Delhi may accept Alternative Methods of Compliance for this AD.</li> <li>2. Enquiries regarding this AD should be addressed to Deputy Director General (AED), Aircraft Engineering Directorate, 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 SB, please contact: Customer Services Department, ALH civil, Helicopter Division, Hindustan Aeronautics Limited, Vimanapura post, Bangalore – 560017. INDIA. Telephone No. +91 -80-2522 4088, FAX: +91-080-2522 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.

(Lalit Gupta)  
Dy. Director General of Civil Aviation  
for Director General of Civil Aviation

