



सत्यमेव जयते

## Directorate General of Civil Aviation

### AIRWORTHINESS DIRECTIVE

**AD No. 003**

**Issued/Date:** 01-07-2008

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.

<b>Type Approval Holder's Name</b> Rotary Wing Research & Design Centre, Hindustan Aeronautics Limited, Bangalore.	<b>Type/Model designation(s)</b> All Civil variant DHRUV helicopters
<b>TCDS No.:</b> 5-8/96-RD	
<b>Foreign AD Number:</b> Not Applicable	
<b>Supersedure:</b> None	
<b>ATA 29 - 10</b>	Hydraulic Power – Main – One time check to determine the condition of hydraulic hoses connected to Tail Rotor actuator and clearance between hydraulic hose and TGB fairing.
<b>Manufacturer(s):</b>	Helicopter Division, Hindustan Aeronautics Limited, Bangalore
<b>Applicability:</b>	<u>Model No.s</u> <u>Serial No.s</u> Dhruv (C)    PTC2 Dhruv(CFW) DW-28,DW-77, DW-78 Dhruv (S)    DS-35, DS-51
<b>Reason:</b>	Hydraulic System – 1 pressure and fluid loss was reported on one of the DHRUV helicopters. Likely cause of the leak was attributed to the rubbing of hydraulic hoses with LH TGB fairing. 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 the condition of hydraulic hose, clearance between hydraulic hose and TGB fairing and submit the compliance certificate to Certification & Airworthiness Group of RWR&DC, HAL, Bangalore.
<b>Effective Date:</b>	Within 21 days after final AD issue date.

<b>Compliance:</b>	Carry out check as per Alert Service Bulletin No. 201 291 0270, Rev A, dated 30.08.2007. If the checks specified in the alert SB has already been carried out and compliance certificate have been submitted to Certification & Airworthiness Group of RWR&DC, HAL, Bangalore, then this check is not required to be performed again.
<b>Ref. Publications:</b>	RWR&DC-HAL Alert Service Bulletin No. 201 291 0270, Rev A, dated 30.08.2007.
<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 SB/AD, please contact: Customer Services Department, (ALH) civil, Helicopter Division, Hindustan Aeronautics Limited, Vimanapura post, Bangalore – 560017. INDIA. Telephone No. +91-080-2522 4088, FAX: +91-080-25223713, Email: csdalh@yahoo.com</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.

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