



Directorate General of Civil Aviation

AIRWORTHINESS DIRECTIVE

AD No. 021

Issued/Date: 09.06.2011

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 21-20

AIR CONDITIONING – Distribution – One time check on interference of air conditioning tube with engine oil scavenge pipe and modification for introducing improved clearance.

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 06
Dhruv (CS)	DS-35, DS-51 & DS-65

Reason:	<p>Engine oil leakage was reported by pilot after last flight. On inspection, rear bearing lubricating oil pipe (return line) found damaged.</p> <p>Since an unsafe condition has been identified that is likely to exist or develop on other aircraft of the same type design, this Airworthiness Directive is being issued for carrying out one time check on interference of air conditioning tube with engine oil scavenge pipe and modification for introducing improved clearance on civil variant ALH (Dhruv helicopter) and submit the compliance certificate to Certification and Airworthiness Group of RWR&DC, HAL, Bangalore.</p>
Effective Date:	Within 21 days after final AD issue date.
Compliance:	<p>Carry out one time check and modification as per Alert Service Bulletin No. 201 218 A364; Rev A, dated 25.11.2010 if not already accomplished.</p> <p>If the checks specified in the ASB has already been carried out and compliance certificate have been submitted, then this check is not required to be performed again.</p>
Ref. Publications:	RWR&DC-HAL Alert Service Bulletin No. 201 218 A364; Rev A, dated 25.11.2010
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, Dy. Director General (AED), New Delhi may accept Alternative Methods of Compliance for this AD. 2. Enquiries regarding this AD should be addressed to Dy. Director General (AED), Office of the Director General of Civil Aviation, Civil aviation Department, Opposite Safdarjung Airport, New Delhi – 110003. E-mail: lalit.dgca@nic.in. 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 -80-2522 4088. Email: csdalh@yahoo.com.

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