



Directorate General of Civil Aviation

AIRWORTHINESS DIRECTIVE

AD No. 017R1

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: This AD supersedes AD 017

ATA 62 - 20

ROTOR (S) – Rotor heads(s) – One time check on connecting rod assemblies (UCS) for crack detection

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>Collective eye end of UCS connecting rod were found broken on two Dhruv helicopter after their forced landings.</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 fluorescent Dye penetrant for eye end & fork end and additional ultrasonic CD check on eye end of connecting rod assemblies 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. 201 623 A354, Rev B dated 05.01.2011, 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. 201 623 A354, Rev B, dated 05.01.2011
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