



सत्यमेव जयते

Directorate General of Civil Aviation

AIRWORTHINESS DIRECTIVE

AD No. 011

Issued/Date: 02.03.2009

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 variants of DHRUV helicopter

TCDS No.: 5-8/96-RD

Foreign AD Number: Not Applicable

Supersedure: None

ATA 64 – 40

Tail Rotor – Indicating – Replacement of velocimeter model 7310 with model 8866-1.

Manufacturer(s):

Helicopter Division, Hindustan Aeronautics Limited, Bangalore

Applicability:

<u>Model No.s</u>	<u>Serial No.s</u>
Dhruv (C)	PTC2, DCWR-01 onwards
Dhruv(CFW)	DW-28,DW-77, DW-78, DW-63, DCWF- 01 onwards
Dhruv (CS)	DS-35, DS-51, DCS – 01 onwards

Reason:	<p>During flight when HF transmission is on, amber light of tail rotor vibration warning system flickered. To rectify problem it was proposed by RWR&DC to replace the existing velocimeter Model No 7310 with velocimeter Model No. 8866-1 having improved EMI/EMC shielding.</p> <p>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 the replacement and submit the compliance certificate to Certification & Airworthiness Group of RWR&DC, HAL, Bangalore.</p>
Effective Date:	Within 21days after final AD issue date.
Compliance:	<p>Carry out modifications as per Service Bulletin No. 201 640 0247, Rev C, dated 27.12.2007 immediately after receipt of this Airworthiness Directive for delivered helicopters or ensure modification leaflet No. ALHC/640/0041, Rev. A dated 22.01.08 has been complied in production.</p>
Ref. Publications:	RWR&DC-HAL Service Bulletin No. 201 640 0247, Rev C, dated 27.12.2007.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, Director (AED), New Delhi may accept Alternative Methods of Compliance for this AD. 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: design@dgca.nic.in. 3. For any questions concerning the technical content of the requirements in this AD, please contact: Customer Services Department, (ALH) civil, Helicopter Division, Hindustan Aeronautics Limited, Vimanapura post, Bangalore – 560017. INDIA. Telephone No. +91-080-25224088, FAX: +91-080-25223713, 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 shall 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