



Directorate General of Civil Aviation

AIRWORTHINESS DIRECTIVE

AD No. 009

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 67 – 10

Rotors Flight Control – Rotor Control – Marking on cyclic stick, trimming of L-angle of separator wall, provision of additional safety and modification of fork assembly.

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 |

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|---------------------------|--|
| Reason: | <ol style="list-style-type: none"> 1. To facilitate proper placement of rigging tool on cyclic stick during rigging, a marking on cyclic stick is provided. 2. Trimming of L-angle to clear interference with hydraulic tube bushes. 3. Added safety by introduction of split pin. 4. To increase clearance between FDR/CVR potentiometer as well as coll pick off fixed end and fork assembly by decreasing the lug width of fork assembly. <p>Since unsafe conditions 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 rework and submit the compliance certificate to Certification & Airworthiness Group of RWR&DC, HAL, Bangalore.</p> |
| Effective Date: | Within 21 days after final AD issue date. |
| Compliance: | Carry out modifications as per Service Bulletin No. 201 671 211, Rev A, dated 10.03.2008 during the 500 hours servicing for delivered helicopters or ensure that the modification leaflet No. ALHC/671/0017, Rev. A dated 10.03.08 has been complied in production. For ALH-PTC2, the modifications are required to be accomplished during 750 hours servicing. |
| Ref. Publications: | RWR&DC-HAL Service Bulletin No. 201 671 211, Rev A, dated 10.03.2008. |
| 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