



सत्यमेव जयते

Directorate General of Civil Aviation

AIRWORTHINESS DIRECTIVE

AD No. 016

Issued/Date: 01.04.2010

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 29 – 10

HYDRAULIC POWER – Main – Additional inspections of tail rotor actuator (TRA) flange assembly for crack.

Manufacturer(s):

Helicopter Division, Hindustan Aeronautics Limited, Bangalore

Applicability:

Model number

Serial number

Dhruv (C)
Dhruv (CFW)
& 02.

PTC2.
DW-28, DW-63, DW-77, DW-78, DCWF -01

Dhruv (CS)

DS-35, DS-51 & DS-65.

Reason:	Cracks were reported on two TRA flange assemblies. 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 additional inspections of tail rotor actuator flange assembly for crack on civil variant ALH (Dhruv helicopter) and submit the compliance certificate to Airworthiness Group of RWR&DC, HAL, Bangalore.
Effective Date:	Within 21 days after final AD issue date.
Compliance:	Carry out the additional inspections of tail rotor actuator (TRA) flange assembly for crack as per Alert Service Bulletin No. 201 291 A351, Rev A, dated 06.11.2009, if not already accomplished.
Ref. Publications:	RWR&DC-HAL Alert Service Bulletin No. 201 291 A 351, Rev A, dated 06.11.2009.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, Dy. Director General (Aircraft Engineering), New Delhi may accept Alternative Methods of Compliance for this AD. 2. Enquiries regarding this AD should be addressed to Dy. Director General (Aircraft Engineering), Office of the Director General of Civil Aviation, Civil aviation Department, Opposite Safdarjung Airport, New Delhi – 110003. E-mail: chinna.dgca@nic.in. 3. For any questions concerning the technical content of the requirements in this AD/above referred SB, please contact: Customer Services Department, ALH civil, Helicopter Division, Hindustan Aeronautics Limited, Vimanapura post, Bangalore – 560017. INDIA. Telephone No. +91-080-2522 4088, FAX: +91-080-2522 3713, 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 above stated AD within the stipulated time.

-Sd-
(R. Chinnadurai)
Dy. Director General of Civil Aviation
for Director General of Civil Aviation