



Directorate General of Civil Aviation

PROPOSED AIRWORTHINESS DIRECTIVE

PAD No. 10-002

Issued/Date: 12.07.2010

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 62 - 10

Rotor (S) – Rotor BLADES – One time fluorescent dye penetrant CD check on bolt-blade fork (big) - MRB

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 DCWF-05
Dhruv (CS)	DS-35, DS-51 & DS-65

Reason:

Crack was noticed at threaded area of bolt-blade fork (big) on DHRUV helicopter.

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 visual inspection and submit the compliance certificate to Certification and Airworthiness Group of RWR&DC, HAL, Bangalore.

Effective Date:

Within 21 days after final AD issue date.

Compliance:

- Carry out check as per Alert Service Bulletin No. 201 620 A357; Rev A, dated 30.04.2010, if not already accomplished.
- Repeat the check specified in the Alert Service Bulletin No. 201 620 A357; Rev A, dated 30.04.2010 at every 50 hours or periodic servicing which ever is earlier.

Ref. Publications:

RWR&DC-HAL Alert Service Bulletin No. 201 620 A357; Rev A, dated 30.04.2010

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 stipulated time.

(Lalit Gupta)
Director (AE)
for Director General of Civil Aviation