



# Directorate General of Civil Aviation

## PROPOSED AIRWORTHINESS DIRECTIVE

**PAD No. 10-001**

**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 - 20**

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

**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 onwards
Dhruv (CS)	DS-35, DS-51 & DS-65

**Reason:**

Loss of power and collective control was observed during flight and the helicopter forced landed. Preliminary examination revealed that connecting rod assembly – collective eye end was found broken.

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. 201 623 A354, Rev. A, dated 12.03.2010, if not already accomplished.
- Repeat the check specified in the Alert Service Bulletin No. 201 623 A354, Rev. A dated 12.03.2010 at every 50 hours or periodic servicing which ever is earlier.

**Ref. Publications:**

RWR&DC-HAL Alert Service Bulletin No. 201 623 A354, Rev A, dated 12.03.2010

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