



**AIRCRAFT ENGINEERING DIRECTORATE
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION
OPP: TO SAFDARJUNG AIRPORT
NEW DELHI - 110003**

(PROPOSED / EMERGENCY) AIRWORTHINESS DIRECTIVE		PAD No : 25-001 Issued/Date: XX-XX-2025								
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 the Authority of the State of Registry.										
Type Approval Holder: Rotary Wing Research and Design Centre (RWR&DC), Hindustan Aeronautics Limited, Bangalore.		Type/Model designation(s): All civil variant Advanced Light Helicopters (Dhruv)								
Type Certificate Data Sheet Number	5-8/96 – RD									
Foreign AD Number	Not applicable									
Supersedure	Not applicable									
ATA Chapter Name: 62 – MAIN ROTOR(S)	Name of the affected part / system: Upper Control System	Required action: One Time Check on Non-Rotating Swash plate (NRSP) of Integrated Dynamic System (IDS) assembly								
Manufacturer	Helicopter Division, Hindustan Aeronautics Limited, Bengaluru									
Applicability	<table border="1"><thead><tr><th>Model number</th><th>Serial Number</th></tr></thead><tbody><tr><td>Dhruv (CFW)</td><td>DW 28, DW 77, DW78, DCWF 01 to 04, DCWF 06, DCWF 07 and DCWF 08</td></tr><tr><td>Dhruv (CS)</td><td>DS 35, DS 51 and DS 65</td></tr><tr><td colspan="2">All Civil Spare IDSs</td></tr></tbody></table>		Model number	Serial Number	Dhruv (CFW)	DW 28, DW 77, DW78, DCWF 01 to 04, DCWF 06, DCWF 07 and DCWF 08	Dhruv (CS)	DS 35, DS 51 and DS 65	All Civil Spare IDSs	
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Reason	On 05 th Jan 2025 at 1230 Hr, ALH Mk-III CG-859 of Indian Coast Guard met with an accident at Porbandar Airport Runway in Gujrat. The ICG helicopter was on a routine sortie and crash-landed resulting in fire and fatalities. Based on Defect Investigation committee recommendation one time check for crack detection on Non-Rotating Swash plate installed in IDS assembly is mandated.									

	As a precautionary measure, this AD is issued to carry out one time check for Crack Detection (Dye-penetrant method) on Non-Rotating Swash plate of IDS assembly.
Effective Date	Forthwith
Compliance	For all civil ALH in operation: Carry out one time check for Crack Detection (Dye-penetrant method) on Non-Rotating Swash plate of IDS assembly, as per Alert Service Bulletin No. 201 623 A503, Revision A, dated 07-05-2025, immediately after receipt of ASB. <i>Note: Endorsement of the checks carried out on the Non-Rotating Swash Plate to be ensured on the separate log card of Upper Control System (UCS) assembly. Record the compliance of the Alert Service Bulletin No. 201 623 A503, Revision A, dated 07-05-2025 in Helicopter log book and IDS Log Card.</i> <i>After compliance of this one time check, IDS assembly to be monitored for any chip warnings for a period of 10 hours. If any chip warnings (Class 'B' & 'C' chips) are noticed, then IDS assembly to be removed from helicopter and sent to HAL for further investigation/rectification.</i>
Ref. Publications	RWR&DC, HAL Alert Service Bulletin No. 201 623 A503, Revision A, dated 07-05-2025
Remarks	1. If requested and appropriately substantiated, Joint Director General, in charge of Aircraft Engineering Directorate, DGCA, New Delhi may accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was circulated as PAD YY-XXX for consultation on dd MMMM YYYY with a comment period until dd MMMM YYYY. The Comment Response Document can be found at https://www.dgca.gov.in/digigov-portal/ 3. Enquiries regarding this AD should be addressed to Joint Director General, in-charge of Aircraft Engineering Directorate, Office of the DGCA, Opposite Safdarjung Airport, New Delhi-110003. e-mail: maneesh.dgca@nic.in 4. For any questions concerning the technical content of the requirements in this AD or above referred ASB, please contact the Customer Service Department, ALH-Civil, Helicopter Division, HAL, Post: Vimanapura, Bangalore-560017, India. Telephone Number: +91-080-2522 4088, Fax: +91-080-2522 3713 e-mail: csdcivilalh.hcop@hal-india.com

This AD, which prescribes/mandates action to be performed on the 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 the stipulated time.

(Maneesh Kumar)
Joint Director General
For Director General of Civil Aviation