



SERVICE BULLETIN

DATE: 05 FEBRUARY 1996

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VENT AIR SCOOP INSTALLATION

1. PLANNING INFORMATION:

A. Aircraft Affected:

All McDonnell Douglas Helicopter Systems (MDHS) MD900 helicopters, serial number 900-0002 thru 900-0050.

B. Assembly/Components Affected by this Notice:

900PG250307.

C. Reason:

Improve environmental conditions by increasing the flow of fresh air inside the cabin and crew compartment of the helicopter.

D. Description:

This Bulletin contains all the instructions necessary to install the vent air scoop. The instructions in this Bulletin refer to maintenance practices contained in CSP-900RMM-2 and appear as (Ref. Section 20-50-00) etc.

E. FAA Approval:

The technical design aspects of this Service Bulletin are FAA Approved.

F. Manpower:

One man hour plus 1/2 man hour if painting is required.

G. Time of Compliance:

Within the next 100 hours of helicopter operation.

H. Interchangeability:

N/A.

I. Material/Part Availability:

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
VENT AIR SCOOP	900PG250307	1	MDHS

J. Warranty Policy:

N/A

K. Tooling:

N/A.

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L. Weight and Balance:

MODIFICATION	WEIGHT (POUNDS)	LONGITUDINAL ARM (INCHES)	LATERAL ARM (INCHES)
VENT AIR SCOOP INSTALLATION	0.05	179.59	13.90

M. Electrical Load Data:

N/A.

N. Other Publications Affected:

CSP-900IPL-4, Illustrated Parts Listing.
CSP-900RMM-2, Rotorcraft Maintenance Manual

2. ACCOMPLISHMENT INSTRUCTIONS:

- (1). Remove forward access door assembly R155 (Ref. Section 53-30-00).
- (2). Remove screw(s) and washer(s) from swashplate fairing T155 and remove air inlet flexible separator duct. Retain screws and washer for reinstallation.
- (3). Match scoop to drilled holes located in forward swashplate fairing. The scoop shall be parallel with the fuselage as shown in figure 1. Drill **0.195-0.206 in. dia. (4.95-5.18 mm)** holes (#6 drill size).
- (4). Paint scoop to match aircraft color.
- (5). Install air vent scoop, screen and flexible separator duct with previously removed screws and washers.
- (6). Install forward access door assemblies R155 (Ref. Section 53-30-00).
- (7). Inspect aircraft for FOD debris before releasing for flight.

3. DISPOSITION OF PARTS REMOVED:

N/A.

4. COMPLIANCE RECORD:

Record compliance to this Service Bulletin in the Compliance Record section of the helicopter Log Book.

5. POINTS OF CONTACT:

For further assistance, contact your local MDHS Field Service Representative (refer to the latest revision of the Business Development and Customer Support handbook for address and telephone numbers) or contact the Field Service Department at MDHS, Mesa Arizona. Telephone: 1-800-388-3378 or (602) 891-6342. DATAFAX: (602) 891-6782.

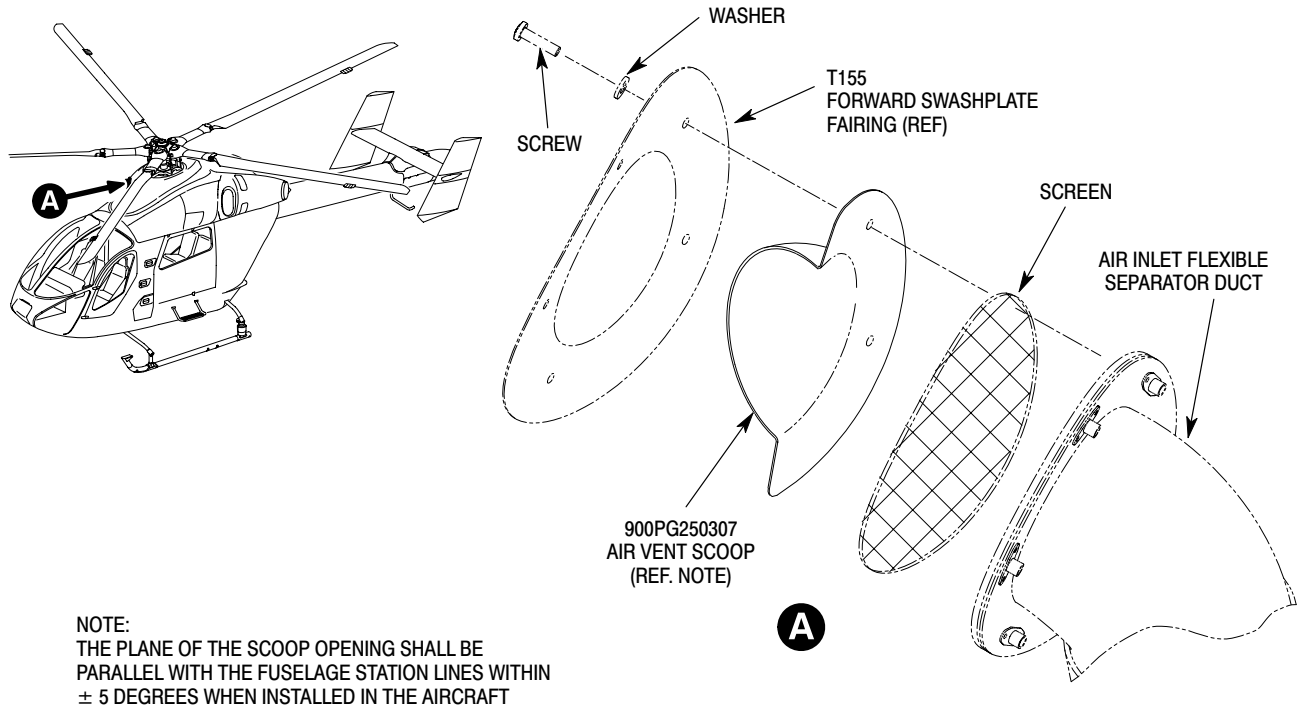
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Figure 1. Vent Air Scoop Installation

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