



TECHNICAL BULLETIN

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SUPPLEMENTAL FUEL CELL (CHECK VALVE) MODIFICATION

1. PLANNING INFORMATION

A. Aircraft Affected:

MD900 helicopters, serial numbers 900-00015, 900-00041, 900-00042, 900-00047, 900-00052, 900-00071, 900-00077, 900-00082, 900-00083, 900-00086, 900-00087, 900-00088, 900-00091, 900-00092, 900-00093, 900-00094, 900-00095, 900-00096, 900-00097, 900-00098, 900-00099, 900-00104, 900-00105, 900-00107, 900-00108, and 900-00113.

B. Assembly/Components Affected By This Bulletin:

Supplemental Fuel Cell Installation (P/N 900PG663000-101).

C. Reason:

There have been field reports of uncommanded fuel transfer from the supplemental fuel cell to the main fuel tank.

Failure to comply with this Bulletin may result in fuel transfer from the supplemental fuel cell to the main fuel tank when the transfer pump is off.

D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to installation of a check valve inside of the supplemental fuel cell.

E. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

F. Manpower:

2.5 man-hours.

G. Time of Compliance

Customer option, at owner/operator discretion.

H. Interchangeability:

None

I. Material/Part Availability:

Contact MDHI Parts Sales Dept.

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Washer, Flat	NAS1149D1216J	3	MDHI
Washer, Flat	NAS1149D1290J	1	MDHI

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REPLACEMENT PARTS/SUPPLIES (Cont.)			
Nomenclature	Part No.	Qty.	Source
Valve, Check	859A-8TB	1	MDHI
Hose, Pump to Aux Cell Outlet	900PG663006-103	1	MDHI
Packing, Preformed	MS29512-08	1	MDHI
Packing, Preformed, Hydrocarbon Fuel Res, O-Ring	MS29513-270	1	MDHI

J. Warranty Policy:

Standard warranty policy applies.

K. Tooling:

N/A

L. Weight and Balance:

N/A

M. Electrical Load Data:

N/A

N. Other Publications Affected:

Illustrated Parts List (CSP-900IPL-4)
Rotorcraft Maintenance Manual (CSP-900RMM-2)

O. Points of Contact

For further assistance, contact your local MDHI Field Service Representative or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone 1-800-388-3378 or (480) 346-6387. DATAFAX: (480) 346-6813.

2. ACCOMPLISHMENT INSTRUCTIONS

A. Supplemental Fuel Check Valve Modification

- (1). Install check valve, hose, washers and packings in supplemental fuel cell (Ref. CSP-900RMM-2, Section 28-10-00, Supplemental Fuel Check Valve Modification).

3. IDENTIFICATION

N/A

4. DISPOSITION OF PARTS REMOVED

Scrap

5. COMPLIANCE RECORD

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