



TECHNICAL BULLETIN

DATE: 26 OCTOBER 1999
PAGE 1 OF 4

FUEL SYSTEM VAPOR VENT LINE CHECK VALVE INSTALLATION

1. PLANNING INFORMATION

A. Aircraft Affected:

Model 369FF serial number FF001 thru FF137.

B. Assembly/Components Affected By This Notice:

Fuel System Installation 369A8100.

C. Reason:

Owner/Operators may desire to install a check valve in the fuel system vapor vent line on their aircraft to reduce the possibility of delayed starts.

D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to the installation of the Fuel System Vapor Vent Line Check Valve option.

E. Time of Compliance

Customer option, at the discretion of the owner/operator.

F. Classification:

Compliance with this Bulletin is a minor alteration.

G. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

H. Interchangeability:

None

I. Disposition of Parts Removed

N/A

J. Points of Contact

For further assistance, contact your local MDHI Field Service Representative (refer to the latest revision of the "At Your Service" handbook for address and telephone numbers) or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone 1-800-388-3378 or (480) 891-6342. DATAFAX: (480) 891-6782.

K. Warranty Policy:

N/A

L. Tooling:

N/A

DATE: 26 OCTOBER 1999
PAGE 2 OF 4

TECHNICAL BULLETIN

M. Material/Part Availability:

Contact MDHI Part Sales Dept. (Ref. Parts Request Form at the end of this Bulletin).

CHECK VALVE INSTALLATION REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Check Valve	859T-4TB	1	MDHI or Circle Seal Controls, Inc., 2301 Wardlow Rd, Corona, CA (909) 270-6200
Packing	MS29512-04	1	MDHI
Nut	AN924-4	1	MDHI

N. Weight and Balance:

+0.3 lbs (0.14 kg) at FS 125.78, RBL 12.13, WL19.00

O. Electrical Load Data:

N/A

P. Other Publications Affected:

Basic HMI CSP-HMI-2 and Illustrated Parts Catalog CSP-IPC-4 .

2. ACCOMPLISHMENT INSTRUCTIONS

WARNING Avoid fuel vapor ignition and fire. Use only nonsparking tools and explosion proof work lights. Attach helicopter to an approved electrical ground. Switch OFF all electrical power. Disconnect external power and battery before opening fuel system. Ensure work area is adequately ventilated.

(Ref. Figure 1)

- (1). Open engine access doors.
- (2). Disconnect vapor vent hose assembly from Sta 124 bulkhead union.
- (3). Thread AN924-4 jam nut on bulkhead union
- (4). Install MS29512-04 packing on bulkhead union.
- (5). Thread 859T-4TB check valve on bulkhead union with arrow on check valve pointing toward union. Torque AN924-4 jam nut to **135-150 in lb (15.61-17.33 N•m)**.
- (6). Connect vapor vent hose assembly to check valve. Torque hose assembly nut to **135-150 in lb (15.61-17.33 N•m)**
- (7). Close engine access doors.

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

TECHNICAL BULLETIN

DATE: 26 OCTOBER 1999
PAGE 3 OF 4

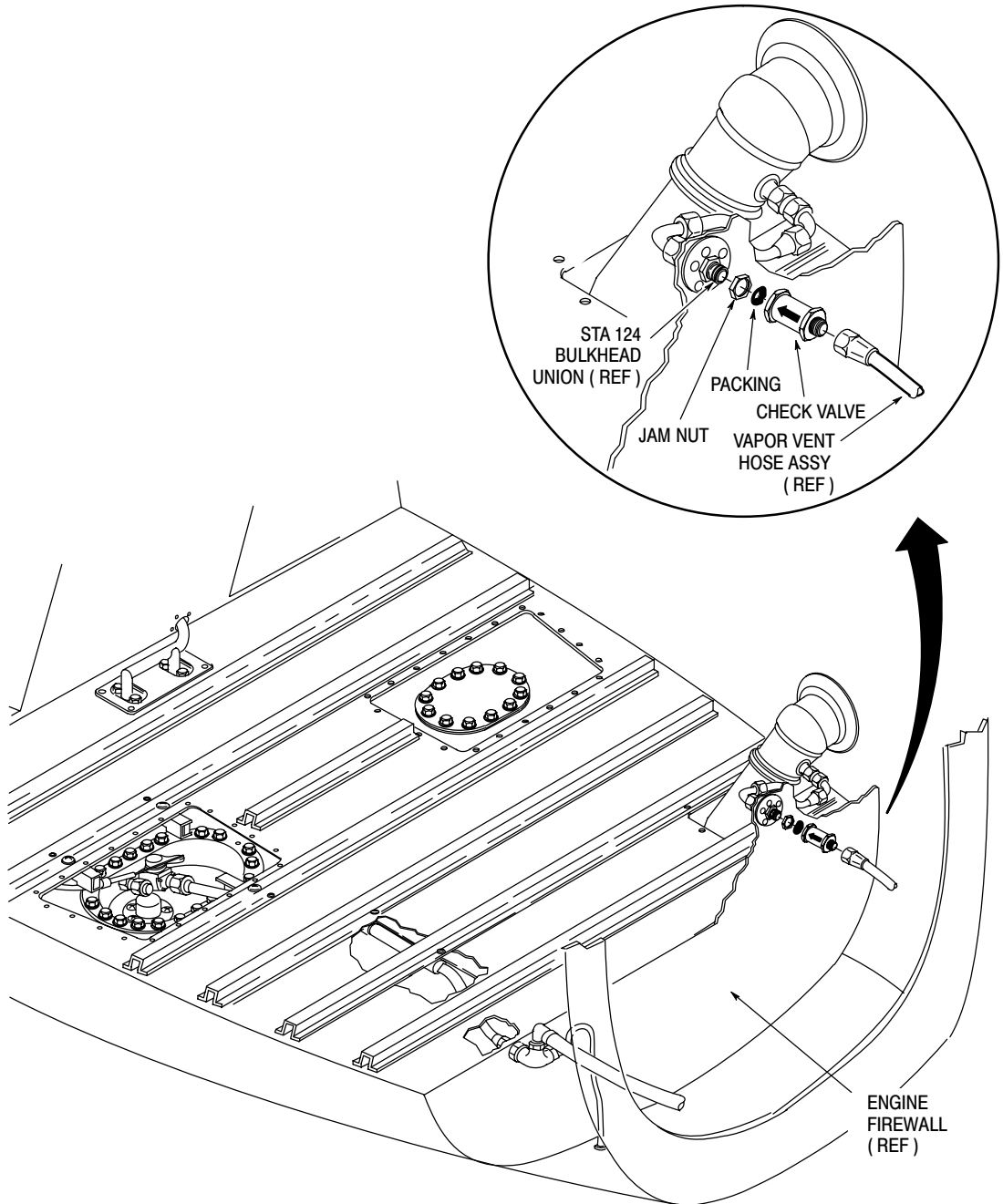


Figure 1. Check Valve Installation



DATE: 26 OCTOBER 1999
PAGE 4 OF 4

TECHNICAL BULLETIN

FUEL SYSTEM VAPOR VENT LINE CHECK VALVE INSTALLATION

PARTS REQUEST FORM: PLEASE FILL IN THE FOLLOWING INFORMATION AND RETURN TO MDHI FOR PARTS/SUPPLIES REQUIRED FOR COMPLIANCE. THIS FORM MAY BE FAXED TO MDHI PART SALES DEPARTMENT AT (602) 891-3952.

Aircraft Ser. No.:

Aircraft Total Time:

Date:

Parts Required:

Part Ser. No. (if required):

Ship to: