EAGLE TECHNICAL BULLETIN
REF. TCCA STC: SH16-9
REF. FAA STC: SR03706NY

Eagle Technical Bulletin Number: 1003-TB-002

Purpose: To describe the installation of NVIS compatible parts and an alternate installation location of the pull cable for the 407HP Inlet Barrier Filter (IBF)

Eligible Serial Numbers: 53819, 54048, 54066, 54084

Compliance: Optional, to be installed and evaluated in conjunction with STC SR00661DE and SR00599DE-D by Air Methods.

Description:
The installation of a medical interior requires that a Technical Bulletin (TB) provide an alternate installation location to improve accessibility to the IBF Manual Release pull cable. This TB also describes the installation of the IBF Annunciator required to make the 407HP IBF modification compatible with NVIS installations.

Parts List:

<table>
<thead>
<tr>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>1003-TB-002-011</td>
<td>IBF MOD KIT</td>
</tr>
<tr>
<td>1</td>
<td>1003-03-037-5</td>
<td>PLACARD, IBF BYPASS</td>
</tr>
<tr>
<td>1</td>
<td>1003-03-038-1</td>
<td>IBF PULL CABLE BRACKET</td>
</tr>
<tr>
<td>1</td>
<td>LED-40-17-KB-E2A54</td>
<td>NVIS COMPATIBLE IBF ANNUNCIATOR</td>
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</tbody>
</table>

Weight and Balance:
The incorporation of this TB has a negligible effect on the aircraft weight and balance.
Procedure:

1. Install the NVIS compatible LED-40-17-KB-E2A54 IBF Annunciator IAW 1003-CA-001 Rev. O section 71.12 and 1003-14-001 407HP IBF Wiring Diagram in the location shown in Figure 1 in lieu of installing the LED-40-17-BB-E1K66 IBF Annunciator in the location shown in Figure 14 of 1003-MI-001 Rev. C.

2. Install the 1003-03-224-1 Manual Release Cable, Vent Cable and the 1003-03-038-1 IBF Pull Cable Bracket (in lieu of 1003-03-033-1/3 Bracket) as shown in Figure 2 (The right side of the center console, and directly below the instrument panel). Fasten the bracket to the center console using existing hardware. Install the 1003-03-037-5 Placard (in lieu of 1003-03-037-1/3 Placard) on the 1003-03-038-1 IBF Pull Cable Bracket.

3. With power applied to the aircraft, pull the bypass door handle and verify bypass door opens with a pull force of 25 lbs or less.

4. Notify Eagle Copters that this Technical Bulletin has been accomplished by filling out the attached form (sheet 4) and emailing it back to Eagle Copters.

5. Make entry into aircraft technical reports to indicate 1003-TB-002 has been accomplished

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**PRE MOD**

- FUEL QTY
- FWD TANK
- FILTER BYPASS
- SHORE POWER TANIS
- FM 3/4 AUDIO

**REMOVED**

**POST MOD**

- FUEL QTY
- FWD TANK
- IBF OPEN
- SHORE POWER TANIS
- FM 3/4 AUDIO

**LED-40-17-KB-E2A54**

**INSTALL**

**FIGURE 1 - IBF ANNUNCIATOR**

**(PORTION OF UPPER ANNUNCIATOR ROW)**
FIGURE 2 - IBF PULL CABLE NEW LOCATION
NOTIFY EAGLE COPTERS THAT THE 1003-TB-002 HAS BEEN INCORPORATED INTO THE AIRCRAFT LISTED BELOW.

AIRCRAFT SERIAL NUMBER: __________________________

AIRCRAFT OWNER: _________________________________

DATE 1003-TB-002 WAS INCORPORATED ON THE ABOVE AIRCRAFT: ________________________________

SIGNATURE OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD: __________________________

PRINT NAME OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD: __________________________

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