

## SERVICE BULLETIN No. 300-7-94

### Information Only

Subject: Fuel Selector  
Models affected: EA-300/S  
Serial numbers affected: 01 through 24  
Purpose: Improvement of the Fuel Selector Assembly  
Approval: The technical content of this Service Bulletin have been approved by LBA.

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#### Information:

- The fuel selector assembly has been modified on series production aircraft to provide a better indication of the "OFF" position. The new system requires a rotary action to change selector position from wing to fuselage fuel tank, but a pull and rotary action to place the handle in the "OFF" position. The new system also requires the installation of Allen 6S122 selector valve.
- A kit is available for retrofit of the improved system.

#### Instructions for the retrofit:

- Disassemble lower fuselage covers.
- Drain all fuel from the aircraft tanks.
- Disassemble existing fuel selector handle and torque transmission. Unmount the existing fuel selector valve if it is not an Allan 6S122. The fuel hoses need not to be altered.
- Cut off the existing torque transmission guidance sleeve.
- Remove paint and corrosion treatment from the fuselage steel frame within a sufficient area around the position of the new torque transmission guidance.
- Weld on the new guidance sleeve with the selector chart plate using the new torque transmission as means to align the assembly with respect to the valve axis. The location of the new guidance sleeve is identical to the position of the old sleeve. Welding technique and certified materials are explained in the service manual chapter 51.

- Apply corrosion treatment and paint according to the provisions of the service manual chapter 51.
- Assemble the fuel selector system and (if required) the new fuel selector valve (Allen 6S122) according to the attached drawing N° EA-64206.3 .
- Perform an appropriate leak test with the installation.
- Make sure the hose connections are correct.
- Reassemble the lower fuselage covers.
- Make appropriate entry of the retrofit in the aircraft logbook.

Note:

- Alterations or repair of the aircraft must be accomplished by licenced personell only.

For ordering parts please contact:

EXTRA Flugzeugbau GmbH  
Flugplatz Dinslaken, Schwarze Heide  
46569 Hünxe, Germany

Upon ordering please specify SB-300-7-94 and your aircraft serial number. Please also specify whether the Allen 6S122 valve is needed.