

CHRISTEN \*

PRODUCT LETTER

No: 000324

CHRISTEN INDUSTRIES, INC.  
1048 SANTA ANA VALLEY ROAD  
HOLLISTER, CALIFORNIA 95023  
TELEPHONE: (408) 637-7405

By: FLC Date: 06-25-83 Page: 1 of 1

Send To: 909 FUEL SYSTEM KIT

C 000324 909 0000  
U CHRISTEN INDUSTRIES INC.  
S 1048 SANTA ANA VALLEY RD.  
T HOLLISTER, CA 95023

Subject: PROCEDURE ADDED TO EAGLE  
AIRCRAFT FUEL TANK FILLER  
MOD DESCRIBED IN EARLIER  
PRODUCT LETTER 000306

In one of the steps in the subject product letter for relocation of the fuel tank filler port, an aluminum disc is welded over the original filler port as a plug. It has been discovered that the height of the plugged port may be too great on some Eagle II aircraft to clear the fuselage panel which is mounted above the fuel tank between the cabane struts.

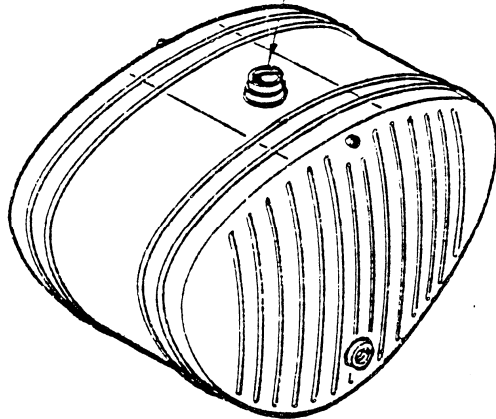
Eagle II owners or builders performing the filler modification should grind or file away at least 1/4" of material from the top of the original filler port before welding the disc over the port. This material removal will ensure that there is no interference between the plugged port and the panel when the aircraft is re-assembled.

Enclosed for reference is an updated copy of Engineering Sketch X-90161 which depicts the fuel filler port relocation procedure.

909 Fuel System Kits delivered after July 1, 1983 will contain fuel tanks which have the fuel filler port at the new location.

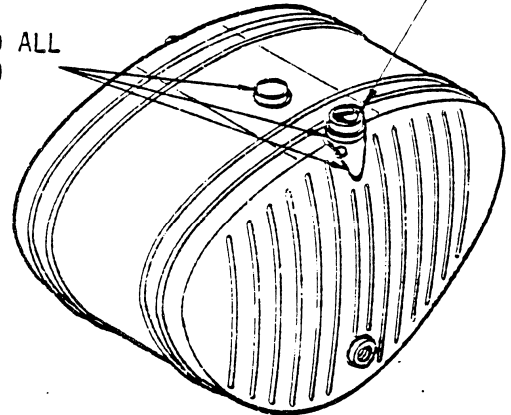
ENCLOSURE: ENGINEERING SKETCH X-90161 (Rev A)

ORIGINAL FUEL TANK  
FILLER PORT LOCATION



MODIFIED FUEL TANK  
FILLER PORT LOCATION

WELDED ALL  
AROUND

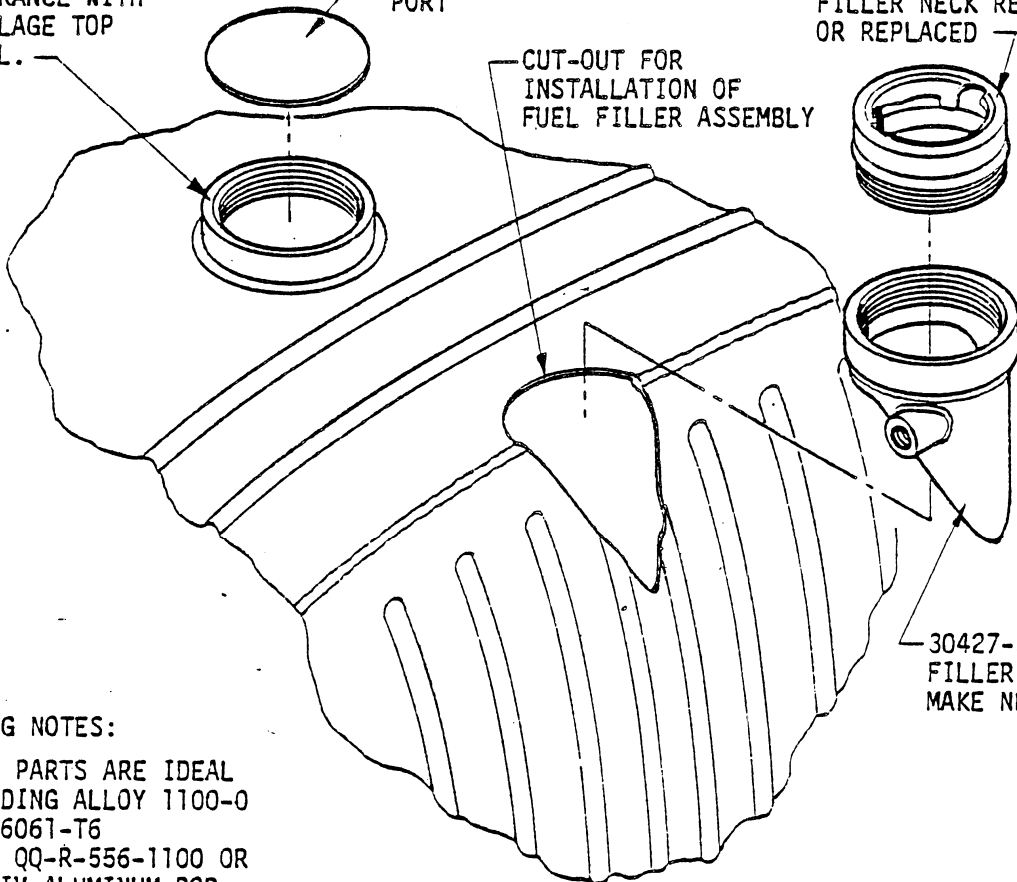


GRIND OR FILE AWAY TOP  
OF FILLER PORT AS  
NECESSARY TO ENSURE  
CLEARANCE WITH  
FUSELAGE TOP  
PANEL.

30294-003 DISC  
TO PLUG ORIGINAL  
PORT

ORIGINAL 50147-001  
FILLER NECK RE-USED  
OR REPLACED


CUT-OUT FOR  
INSTALLATION OF  
FUEL FILLER ASSEMBLY



30427-501 FUEL  
FILLER ASSEMBLY TO  
MAKE NEW PORT

**WELDING NOTES:**

1. ALL PARTS ARE IDEAL WELDING ALLOY 1100-0 OR 6061-T6
2. USE QQ-R-556-1100 OR EQUIV ALUMINUM ROD

UNLESS OTHERWISE SPECIFIED:  TOLERANCES: FRAC. $\pm$ 1/64 DEC. XXX $\pm$ .005 ANGLES $\pm$ 0° 30'	MATERIAL AND CONDITION NOTED		 CHRISTEN INDUSTRIES HOLLISTER, CALIFORNIA		
	FINISH NONE			ENGINEERING SKETCH	
DIMENSIONS IN INCHES DO NOT SCALE DRAWING	DRAWN BY I. CLEDE	DATE 5-7-83	TITLE FUEL FILLER PORT RELOCATION		
	APPROVED BY <i>[Signature]</i>	DATE 5-9-83	<table border="1"> <tr> <td>CODE PA</td> <td>NO. X- 90161</td> <td>ISSUE A</td> </tr> </table>	CODE PA	NO. X- 90161
CODE PA	NO. X- 90161	ISSUE A			