



SERVICE LETTER NUMBER 147

TITLE: QUEST KODIAK HYD. PUMP ELECTRICAL WIRE ROUTING CORRECTION

BY: J. SORTOR	AIRCRAFT MAKE/MODEL(S):	FLOAT MODEL(S):	NOTE(S):
APP: D. GARRETT	QUEST KODIAK 100	7000	MANDATORY COMPLIANCE
DATE: 04/24/2013			S/L P/N 1006031
REV: A			ECO--23226

FAA APPROVAL HAS BEEN OBTAINED FOR TECHNICAL DATA IN THIS PUBLICATION THAT AFFECTS STC OR TSO DESIGN COMPLIANCE

EFFECTIVITY:

This service letter applies to all S/Ns Wipline model 7000 seaplane or amphibious floats, as installed on Quest Kodiak 100 aircraft, under FAA STC number: SA02848CH.

COMPLIANCE:

Service letter compliance is mandatory.

BACKGROUND:

The #2 Hydraulic Pump Main power wire has been found to have been inadvertently connected to the essential buss bar on the main breaker panel.

COMPLIANCE METHOD:

Disconnect the #2 Hydraulic Pump Main power wire from its original connection and connect to the aircraft #2 main buss bar by referencing the Quest Kodiak Wiring schematic.

APPROX. SHOP HOURS:

The functions outlined by this service bulletin will take approximately 1 hr. to accomplish.

WARRANTY INFORMATION:

This service letter does not include any warranty labor or parts.

TECHNICAL DATA:

Copies of this service letter, float service manual, and float parts manual are available on the website www.wipaire.com.

For basic model 7000 maintenance information, see Wipaire Service Manual P/N 1004646 for Quest Kodiak.

For basic model 7000 parts information, see Wipaire Parts Manual P/N 1005250.

NOTES:

1. Identify on aircraft breaker panel, location of Buss Bar #1, Buss Bar #2 per Figure 1 and Figure 2 of the service letter. Use Aircraft wire PD025 as being connected to Buss #1 and PD024 as being connected to Buss #2 as reference points.

NOTE:

If Hyd. Pump #1 main power wire is located on Main Buss #1 and Hyd. Pump #2 is located on Main Buss Bar #2 your Hyd. pumps are correctly connected and no further action is require. If wired to essential bus or any buss other than buss #2 proceed with the following Service letter.

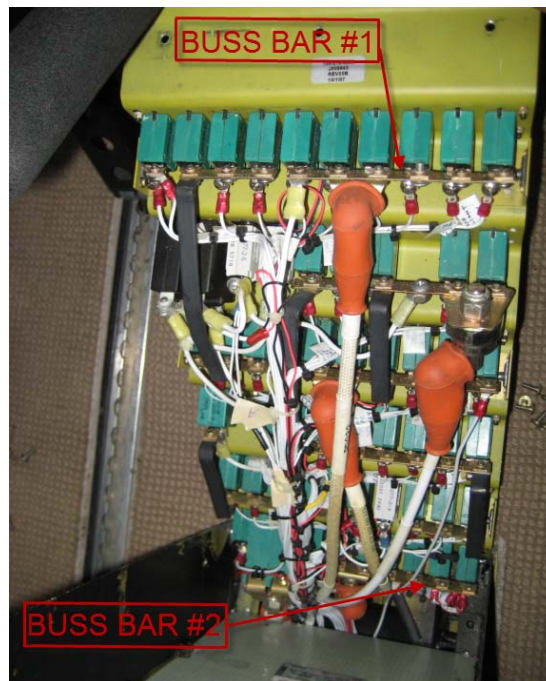


FIGURE 1

(Possible location may vary for Main Buss Bars)

2. Once you have determined location of each buss bar, connect Hyd. Pump #1 Power wire to Buss #1 and connect Hyd Pump #2 Power wire to Buss #2

NOTE:

Additional wire may be need to be supplied due to limit of wire on current routing.

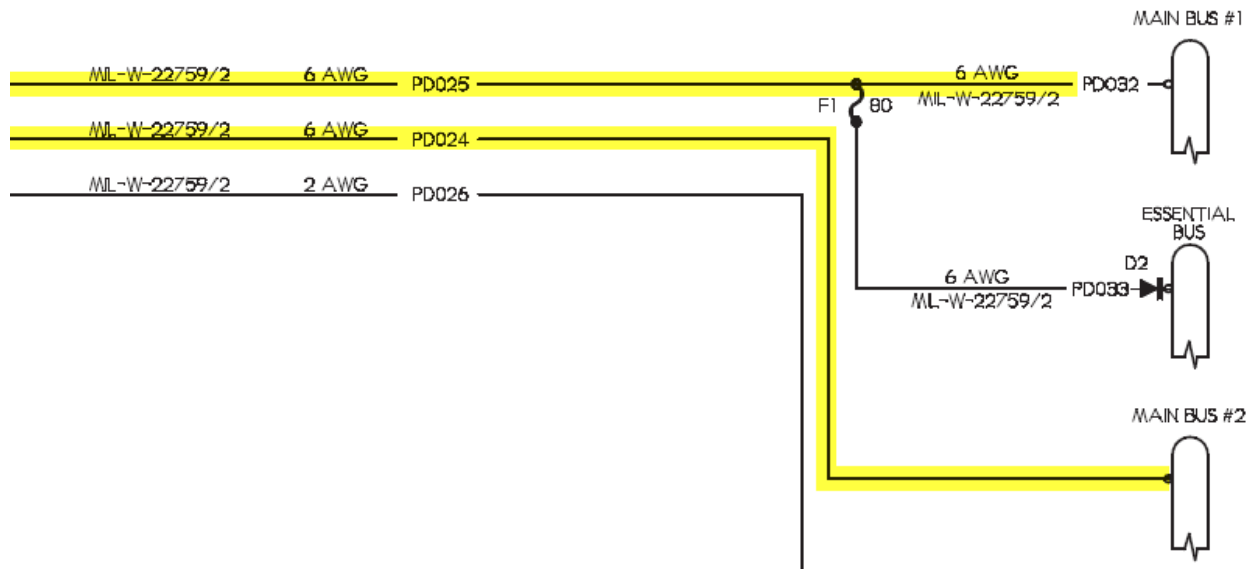


FIGURE 2

END