

NOTE: For the remainder of this section previously routed wires are not shown for clarity.

NOTE: As done previously, be sure all wires route over the top of the rudder pedals, then down the aft face of the firewall.

Step 1: Separate the WH-P32 (WHT/RED) and WH-P33 (WHT/RED) Fan Power Wires from the WH-RV12-TUNNEL harness.

Step 2: Route the WH-RV12-TUNNEL harness and WH-P33 (WHT/RED) through the lower snap bushing in the F-1202K-L Inst Stack Support.

Step 3: Route the WH-RV12-TUNNEL harness down through the forward most snap bushing in the center forward region of the F-1202B Panel Base. 28 1/2 inches should remain above the panel base. Tape the tunnel harness down so that this distance does not change as you route wires.

Step 4: Route the WH-P33 (WHT/RED) Fan Power Wire through the lower snap bushing in the F-1202K-R Inst Stack Support.

Step 5: Strip the ends of both the black and red wires coming from both ES CPU FAN's. Crimp on ring terminals to the ends of the black wires per the hardware call-outs in Figure 1.

CAUTION: Do not over tighten the screws holding the ES CPU FANS. This can bend and then break the attach ears on the fans!

Step 6: Install both ES CPU FAN's per the hardware call-outs in Figure 1 with the left fan blowing up and the right fan blowing down. The ground ring terminal goes underneath the head of one of the screws that hold the fans in place. The flow direction of the fan can be checked by hooking the red wire to the positive terminal on a 12 volt battery and touching the black to the negative battery terminal.

Step 7: Strip the ends of the WH-P32 & P33 (WHT/RED) Fan Power Wires and connect them to the red wires coming from the fan using the butt splices called out in Figure 1.

Step 8: Add a cushioned clamp around the WH-RV12-TUNNEL harness just aft of the left ES CPU FAN as shown in Figure 1. Loosely install the screw for adding more cables later.

Step 9: Route the WH-RV12-TUNNEL harness through the fuel flow cushioned clamp.

Step 10: Separate out the the twisted wires WH-Q51 (BLK), WH-Q52 (YEL) and WH-Q35 (RED) and strip the ends. Attach female spade connectors to the black and yellow wires and a male connector to the red wire per the hardware call-outs in Figure 1.

Step 11 (FT-60): Connect the WH-Q52 (YEL) to the white wire coming from the FT-60 Fuel Flow Transducer. Attach the remaining two wires to their corresponding color coming from the fuel flow transducer.

Step 11 (Flo-Scan): Strip the wires coming out of the Flo-Scan if applicable then crimp male spade connectors to the black and yellow wires and a female spade connector to the red wire. Attach each wire to their corresponding color coming from the twisted wires WH-Q51 (BLK), WH-Q52 (YEL) and WH-Q35 (RED).

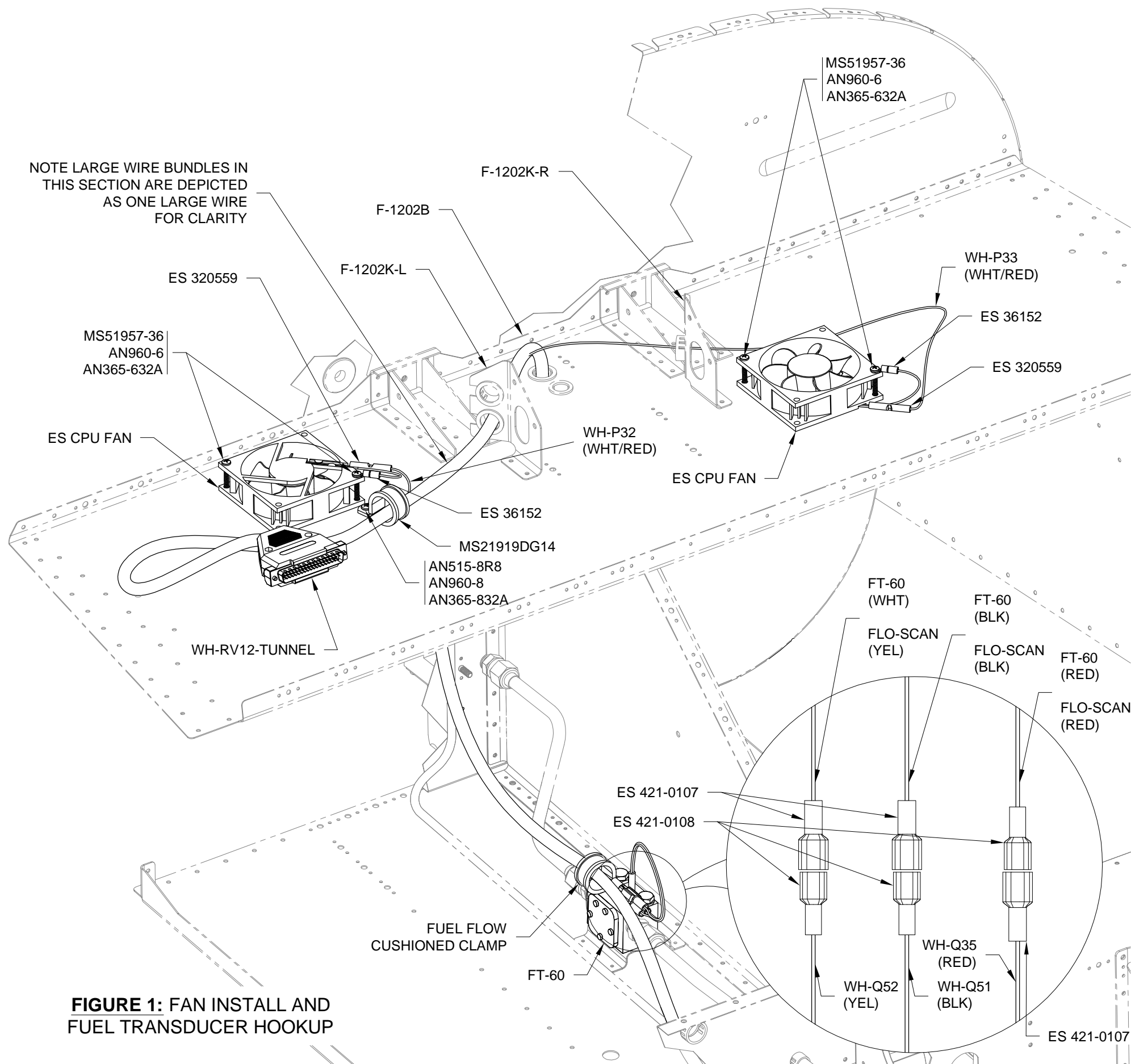


FIGURE 1: FAN INSTALL AND FUEL TRANSDUCER HOOKUP