TRANSDUCER ASSEMBLIES THAT SELECTIVELY MEASURE A FUEL PRESSURE WITHIN A FUEL SUPPLY SYSTEM OF AN AIRCRAFT, AIRCRAFT THAT INCLUDE THE TRANSDUCER ASSEMBLIES, AND METHODS OF UTILIZING A TRANSDUCER ASSEMBLY TO TEST PERFORMANCE OF A FUEL BOOST PUMP ASSEMBLY OF AN AIRCRAFT

ABSTRACT

Transducer assemblies that selectively measure a fuel pressure within a fuel supply system of an aircraft, aircraft that include the transducer assemblies, and methods of utilizing a transducer assembly. The transducer assemblies include an electronic pressure transducer, which is configured to measure the fuel pressure and to generate a fuel pressure signal indicative of the fuel pressure, and an electronic pressure display, which is configured to receive the fuel pressure signal and to display the fuel pressure responsive to receipt of the fuel pressure signal. The transducer assemblies also include a power supply structure and an attachment structure, which is configured to operatively interconnect the electronic pressure transducer to the aircraft. The attachment structure includes a fitting, which is configured to interface with a pressure switch receptacle of the aircraft, and a valve actuation structure, which is configured to selectively actuate a receptacle valve of the pressure switch receptacle.

Fig. 4