

SHADIN MINI-FLOW FUEL TOTALIZER - REMOVAL/INSTALLATION**1. General**

- A. This section contains removal and installation procedures for the Shadin Mini-Flow Fuel Totalizer system.
- B. System components include the microprocessor based indicator mounted in the upper right hand side of the instrument panel and a signal interface mounted on the inboard side of the glove box.

2. Shadin Mini-Flow Fuel Totalizer Removal/Installation

- A. Remove Fuel Totalizer (Refer to Figure 401).
 - (1) Disengage circuit breaker FUEL TOTL on left circuit breaker panel.
 - (2) Remove screws from right removable flight panel.
 - (3) Gain access to fuel totalizer by moving removable flight panel aft.
 - (4) Remove screws holding fuel totalizer to removable flight panel.
 - (5) Slide fuel totalizer aft out of removable flight panel.
 - (6) Disconnect electrical connector.
 - (7) Remove fuel totalizer from airplane.

- B. Install Fuel Totalizer (Refer to Figure 401).
 - (1) Connect electrical connector to fuel totalizer.
 - (2) Place fuel totalizer on aft side of removable flight panel and secure with screws.
 - (3) Secure removable removable flight panel with screws.
 - (4) Engage circuit breaker FUEL TOTL on left circuit breaker panel.

3. Signal Interface Removal/Installation

- A. Remove Signal Interface (Refer to Figure 401).
 - (1) Disengage circuit breaker FUEL TOTL on left circuit breaker panel.
 - (2) From inside glove box, remove screws holding signal interface to inboard side of glove box.
 - (3) Reach under instrument panel and remove signal interface and mounting bracket by bringing them downward and outward.
 - (4) Identify and disconnect electrical connectors.
 - (5) Remove signal interface from airplane.

- B. Install Signal Interface (Refer to Figure 401).
 - (1) Identify and connect electrical connectors to signal interface.
 - (2) Reach under the instrument panel to position the signal interface and mounting bracket against inboard side of glove box.
 - (3) From inside glove box, secure signal interface to glove box with screws.
 - (4) Engage circuit breaker FUEL TOTL on left circuit breaker panel.

Figure 401 : Sheet 1 : Shadin Mini-Flow Fuel Totalizer System

