GARMIN GSR 56 IRIDIUM SATELLITE RADIO - REMOVAL/INSTALLATION

1. **General**

    A. This section gives the Garmin GSR 56 Iridium Satellite Radio removal and installation procedures. The GSR 56 Iridium Satellite Radio is installed . For more data applicable to the satellite radio refer to Garmin GSR 56 - Description and Operation.

2. **GSR 56 Iridium Satellite Radio Removal/Installation**

    A. Remove the GSR 56 Iridium Satellite Radio (Refer to Figure 401).

    (1) Remove external electrical power from the airplane.

    (2) Make sure that the BATTERY switch (SC005), found on the circuit breaker switch panel, is set to the OFF position.

    (3) Make sure that the EXTERNAL POWER switch (SC006), found on the circuit breaker switch panel, is set to the OFF position.

    (4) Disengage the IRIDIUM DATA (OPT) circuit breaker found on the Avionics circuit breaker panel.

    (5) Loosen the knurled knob that attaches the satellite radio to the mounting rack.

    (6) Carefully pull the satellite radio out to disengage it from the mounting rack.

    (7) Remove the satellite radio from the mounting rack and the airplane.

    B. Install the GSR 56 Iridium Satellite Radio (Refer to Figure 401).

    CAUTION: Make sure that the electrical connectors in the rear of the mounting rack are aligned correctly. If the electrical connectors are not aligned correctly, damage to the pin contacts can occur.

    (1) Put the Garmin GSR 56 Iridium Satellite Radio in its position on the mounting rack.

    (2) Carefully push the satellite radio to the rear of the mounting rack until it is tight.

    (a) If necessary, carefully pull the satellite radio out of the mounting rack and correct the cause of the incorrect engagement.

    (3) Tighten the knurled knob that attaches the satellite radio to the mounting rack.

    (4) Do an electrical bonding check (Type I) between the transceiver and the airplane structure. Refer to Chapter 20, Electrical Bonding - Maintenance Practices.

    (5) Engage the IRIDIUM DATA (OPT) circuit breaker found on the Avionics circuit breaker panel.

    C. To return the GSR 56 Iridium Satellite Radio System to service do the steps that follow:

    (1) Chapter 34, Garmin G1000 Integrated Avionics System - Adjustment/Test, GSR 56 Software Configuration, G1000 System Software (v.2499.08 and On).
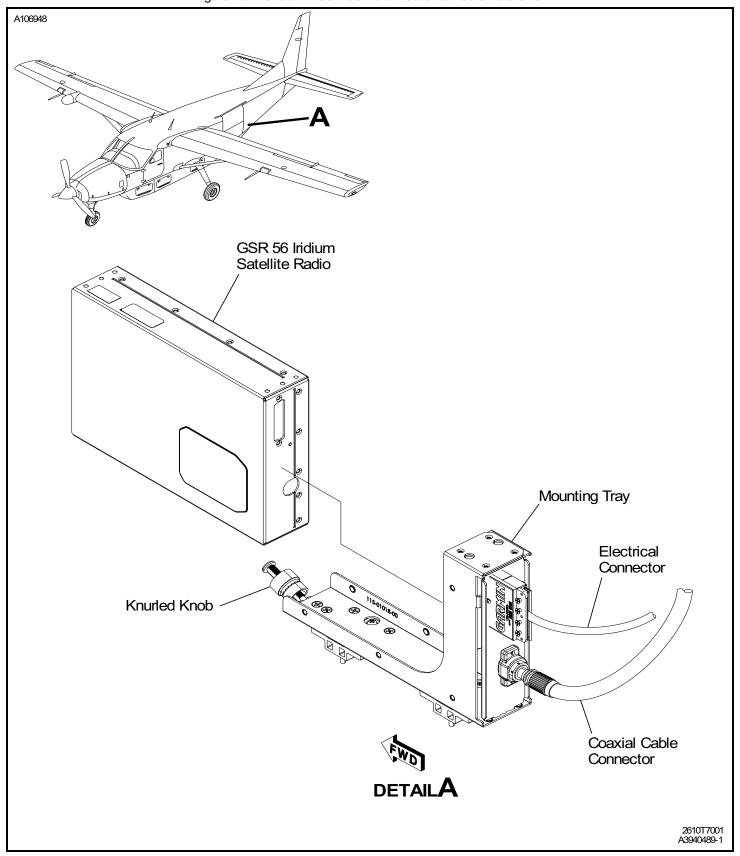
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Figure 401 : Sheet 1 : GSR 56 Iridium Satellite Radio Installation

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A

GSR 56 Iridium
Satellite Radio

Mounting Tray

Electrical
Connector

Knurled Knob

115-01018-00

GARMIN

Coaxial Cable
Connector

FWD

DETAILA

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