

BENDIX/KING KN 63 DME RECEIVER - REMOVAL/INSTALLATION

1. General

- A. This section gives the removal and installation procedures for the Bendix/King KN 63 DME Receiver, for Airplanes 20800500 and On and Airplanes 208B2000 and On. For a general overview of the DME system refer to, Bendix/King KN 63 DME System - Description and Operation.

2. Tools and Equipment

NOTE: For the supplier publication part number and manufacturer data, refer to the Introduction - Supplier Publication List.

- A. Tools and Equipment
 - Electrical Connector Protective Cover
 - Coaxial Connector protective Cover.
- B. Special Consumables
 - None.
- C. Reference Material
 - Bendix/King KN 63 DME System - Description and Operation
 - Bendix/King KN 63 DME System - Adjustment/Test
 - Garmin G1000 Integrated Avionics System - Adjustment/Test.

3. Setup

- A. Prepare the Airplane for the removal of the KN 63 DME Receiver.
 - (1) Put the BATTERY switch to the OFF position.
 - (2) Put the AVIONICS switches to the OFF position.
 - (3) Disconnect external electrical power from the airplane.
 - (4) Disengage the circuit breaker given in Table 401.

Table 401. Circuit Breaker

Circuit Breaker	Circuit Breaker Location
DME	Avionics Circuit Breaker Panel

- (5) Remove the cover assembly (access panel) for the avionics rack, located beneath the instrument panel and outboard of the co-pilot position.

4. Bendix/King KN 63 DME Receiver Removal

- A. Remove the KN 63 DME Receiver (Refer to Figure 401).
 - (1) Disconnect the coaxial connector (PI1025) from the KN 63 DME Receiver.
 - (a) If you are not replacing the DME receiver immediately, put a protective cover on the coaxial connector.
 - (2) Disconnect the electrical connector (PF800) from the KN 63 DME Receiver.
 - (a) If you are not replacing the DME Receiver immediately, put a protective cover on the electrical connector.
 - (3) Loosen the mounting rack clamp screw.
 - (4) Remove the DME receiver from the airplane.

5. Installation

- A. Install the KN 63 DME Receiver (Refer to Figure 401).
 - (1) Insert the DME receiver on the mounting rack.
 - (2) Tighten the mounting rack clamp screw.
 - (3) If necessary, remove the protective cover from the electrical connector.
 - (4) Connect the electrical connector (PF800) to the DME receiver.
 - (5) If necessary, remove the protective cover from the coaxial connector.
 - (6) Connect the coaxial connector (PI1025) to the DME receiver.
 - (7) Install the cover assembly (access panel) for the avionics rack, located beneath the instrument panel and outboard of

the co-pilot position.

- (8) Engage the circuit breaker given in Table 401.

6. KN 63 DME Receiver Post-Maintenance Checks

- A. Do the KN 63 DME Receiver Post-Maintenance Checks.

- (1) Do a check of the DME system. Refer to Bendix/King KN 63 DME System - Adjustment/Test.

7. Closeout

- A. Put the Airplane Back to its Initial Condition.

- (1) None.

Figure 401 : Sheet 1 : KN 63 DME Receiver Installation

