

BENDIX/KING KR 87 ADF RECEIVER - REMOVAL/INSTALLATION

1. General

- A. This section gives the removal and installation procedures for the Bendix/King KR 87 ADF Receiver. For a general overview of the ADF system refer to Bendix/King KR 87 ADF 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
- 3/32 Allen Wrench.
- B. Special Consumables
- None.
- C. Reference Material
- Bendix/King KR 87 ADF System - Description and Operation
 - Bendix/King KR 87 ADF System - Adjustment/Test.

3. Setup

- A. Prepare the Airplane
- (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 Breakers

Circuit Breaker Name	Circuit Breaker Location
ADF 1	Avionics Circuit Breaker Panel

4. Bendix/King KR 87 ADF Receiver Removal

- A. Do the KR 87 Receiver Removal (Refer to Figure 401).
- (1) Loosen the 3/32 Allen screw that attaches the KR 87 receiver to the mounting rack.
- NOTE:** The Allen screw is accessible through a hole in the front panel.
- (2) Carefully pull the receiver aft and remove it from the mount rack.

5. Bendix/King KR 87 ADF Receiver Installation

- A. Do the KR 87 Receiver Installation (Refer to Figure 401).
- (1) Carefully push the KR 87 receiver in the mounting rack.
- CAUTION:** Be careful not to tighten the Allen screw too much or damage can occur to the mounting rack or KR 87 receiver.
- (2) Tighten the 3/32 Allen screw that attaches the KR 87 receiver to the mounting rack.
- NOTE:** The Allen screw is accessible through a hole in the front panel.

6. Bendix/King KR 87 ADF Receiver Post-Maintenance Checks

- A. Do the Bendix/King KR 87 ADF Receiver Post-Maintenance Checks.
- (1) Engage the circuit breaker given in Table 401.
 - (2) Do a check of the Bendix/King KR 87 ADF system. Refer to Bendix/King KR 87 ADF System - Adjustment/Test.

7. Closeout

- A. Put the Airplane Back to its Initial Condition.
- (1) None.

Figure 401 : Sheet 1 : Bendix/King KR 87 ADF Receiver Installation

