

BENDIX/KING KCM-805 TAS CONFIGURATION MODULE - REMOVAL/INSTALLATION

1. General

- A. This section gives the removal and installation procedures of the Bendix/King KTA-810 TAS Configuration Module. For a general overview of the Bendix/King KTA-870 Traffic Advisory System refer to Bendix/King KTA-870 Traffic Advisory 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.
- B. Special Consumables
 - None.
- C. Reference Material
 - Chapter 25, Rear Compartment Wall - Maintenance Practices
 - Bendix/King KTA-870 Traffic Advisory System - Description and Operation
 - Bendix/King KTA-870 Traffic Advisory System - Adjustment/Test
 - Bendix/King KTA-810 TAS Configuration Module - 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 Breaker

Circuit Breaker Name	Circuit Breaker Location
TAS	Avionics Circuit Breaker Panel

- (5) As necessary, get access to the aft avionics shelf. Refer to Chapter 25, Rear Compartment Wall - Maintenance Practices.

4. KTA-810 TAS Configuration Module Removal

- A. Remove the KTA-810 TAS Configuration Module (Refer to Figure 401).
 - (1) Disconnect the electrical connector (PT701) from the configuration module.
 - (a) If the configuration module is not to be replaced immediately, put a protective cover on the electrical connector.
 - (2) Remove the screws that attach the configuration module to the aft avionics shelf.
 - (3) Remove the configuration module from the airplane.

5. KTA-810 TAS Configuration Module Installation

- A. Install the KTA-810 TAS Configuration Module (Refer to Figure 401).
 - (1) Put the configuration module in its correct position on the aft avionics shelf.
 - (2) Install the screws that attach the configuration module to the aft avionics shelf.
 - (3) If necessary, remove the protective cover from the electrical connector.
 - (4) Connect the electrical connector (PT701) to the configuration module.

6. Post-Maintenance Checks

- A. Do the KTA-810 TAS Processor post-maintenance checks.
 - (1) Do the KTA-810 TAS Configuration Module configuration load. Refer to Bendix/King KTA-810 TAS Configuration Module - Adjustment/Test.
 - (2) Do an operational check of the KTA-870 Traffic Advisory system. Refer to Bendix/King KTA-870 Traffic Advisory

System - Adjustment/Test.

7. Closeout

- A. Put the Airplane Back to its Initial Condition.
 - (1) As necessary, put the rear compartment wall back to previous condition. Refer to Chapter 25, Rear Compartment Wall - Maintenance Practices.

Figure 401 : Sheet 1 : KTA-810 TAS Configuration Module Installation

