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

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Page 1 of 3

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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

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SCREW

KTA-810 TAS
CONFIGURATION MODULE

KTA-810 TAS
PROCESSOR

AFT AVIONICS SHELF

DETAIL A

2610T7007
A3940T472-2