RADIO MANAGEMENT UNIT - MAINTENANCE PRACTICES

EFFECTIVITY: AIRCRAFT WITH TCAS 2000 AND RMU-965 INSTALLED

1. General

    A. This section gives the procedures to configure the Radio Management Units (RMUs) to permit the operation of TCAS 2000 in a 80/120 NM range.

    B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
23-81-01-400-801-A	RMU - CONFIGURATION	AIRCRAFT WITH TCAS 2000 AND RMU-965 INSTALLED

TASK 23-81-01-400-801-A
EFFECTIVITY: AIRCRAFT WITH TCAS 2000 AND RMU-965 INSTALLED

2.   RMU - CONFIGURATION

  A.   General

  (1)   This task gives the procedures to configure RMUs 1 and 2 to operate TCAS 2000 in a 80/120 NM range.

  B.   References

REFERENCE	DESIGNATION
AMM SDS 23-81-00/1	
AMM SDS 34-43-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

  C.   Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223/224		Cockpit

  D.   Tools and Equipment

  Not Applicable

  E.   Auxiliary Items

  Not Applicable

  F.   Consumable Materials

  Not Applicable

  G.   Expandable Parts

  Not Applicable
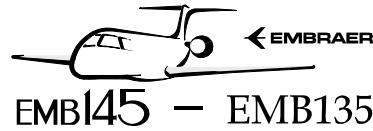
  H.   Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

  I.   Preparation

  SUBTASK 841-002-A

  (1)   Energize the aircraft with the External DC Power Supply (AMM TASK 20-40-01-860-801-A/200).

  (2)   Make sure that the systems below are operative and on:

  •   Radio Management System (AMM SDS 23-81-00/1).

  •   TCAS (AMM SDS 34-43-00/1).

J.   RMU - Configuration Procedures (Figure 201)

SUBTASK 220-002-A

(1)   Configure the RMUs to permit TCAS 2000 to operate in the 80/120 NM range as follows:

(a)   On RMU 1, push the PGE function key.
Result:
<u>1</u>   The RMU display changes to the System 1 Page Menu.

(b)   Push the line select key adjacent to the MAINTENANCE prompt.
Result:
<u>1</u>   The RMU display changes to the Maintenance Data System 1 page.

(c)   Push the line select key adjacent to the SETUP prompt.
Result:
<u>1</u>   The RMU display changes to the Setup System 1 page.

<u>NOTE:</u>   The TCAS RANGE 80/120 prompt shows "ENABLED", if TCAS 2000 is configured for 80/120 NM range operation, or "DISABLED", if it is not.

(d)   If the TCAS RANGE 80/120 prompt shows " ENABLED", goes to step (f).

(e)   If the TCAS RANGE 80/120 prompt shows " DISABLED", push the line select key adjacent to it.
Result:
<u>1</u>   The TCAS RANGE 80/120 shows "ENABLED".

(f)   Push the line select key adjacent to the RETURN prompt.
Result:
<u>1</u>   The RMU display changes to the Radio page.
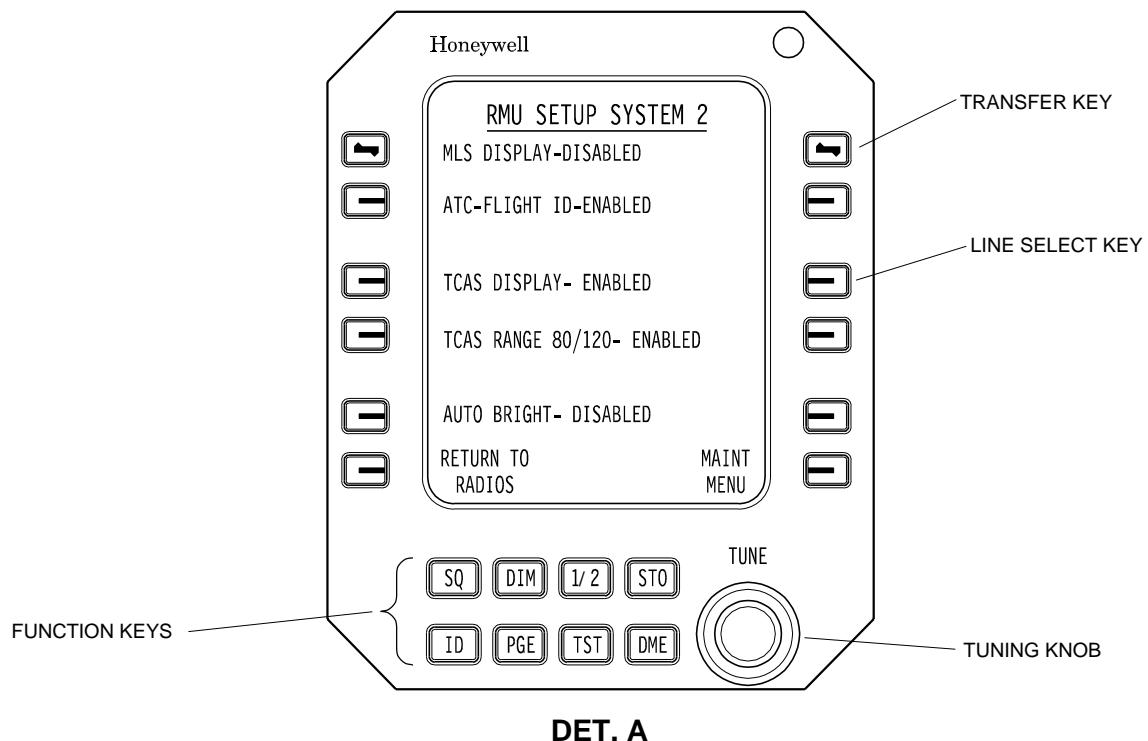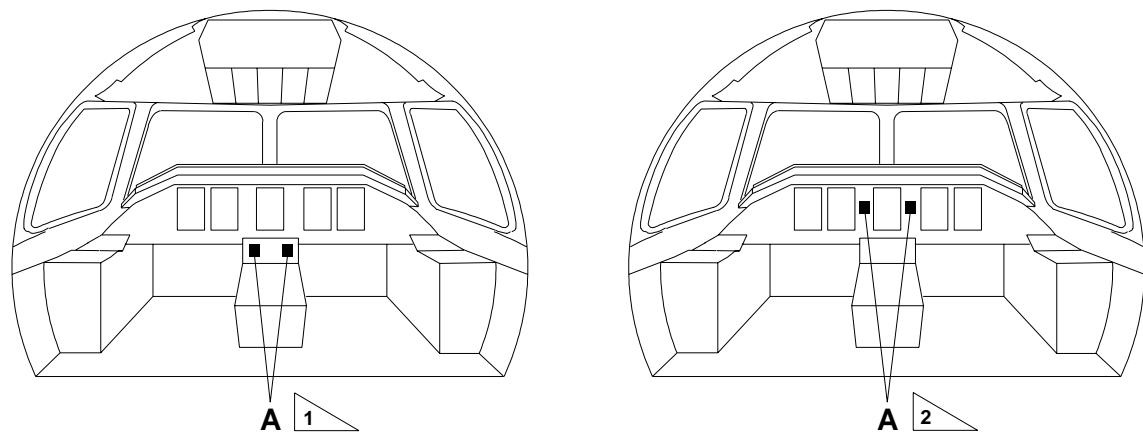
(2)   Do the procedures given above again to configure RMU 2.

K.   Follow-on

SUBTASK 842-002-A

(1)   Deenergize the aircraft (AMM TASK 20-40-01-860-801-A/200).

EFFECTIVITY: AIRCRAFT WITH TCAS 2000 AND RMU-965
RMU Configuration for TCAS 2000 80/120 NM Range Operation
Figure 201

A △1

A △2

Honeywell

RMU SETUP SYSTEM 2

MLS DISPLAY-DISABLED   TRANSFER KEY

ATC-FLIGHT ID-ENABLED

TCAS DISPLAY- ENABLED   LINE SELECT KEY

TCAS RANGE 80/120- ENABLED

AUTO BRIGHT- DISABLED

RETURN TO   MAINT
RADIOS   MENU

TUNE

SQ DIM 1/2 STO

ID PGE TST DME

FUNCTION KEYS

TUNING KNOB

DET. A

△1   AIRCRAFT WITH RMU INSTALLED ON CONTROL PEDESTAL

△2   AIRCRAFT WITH RMU INSTALLED ON MAIN INSTRUMENT PANEL

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