



# AIRCRAFT MAINTENANCE MANUAL

## VHF SYSTEM - ADJUSTMENT/TEST

EFFECTIVITY: ALL

### 1. General

- A. This section gives the procedures to do the test of the VHF System.
- B. The aircraft has two systems for communication on VHF (VHF 1 and VHF 2). A third VHF communication system (VHF 3) can be installed as an option.
- C. 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
23-12-00-700-801-A	COMMUNICATION SYSTEM - OPERATIONAL TEST	ALL
23-12-00-700-802-A	VHF-3 FUNCTIONAL TEST	AIRCRAFT WITH VHF-3 COLLINS
23-12-00-700-803-A	VHF-3 - OPERATIONAL TEST	AIRCRAFT WITH VHF-3 COLLINS
23-12-00-700-804-A	VHF-3 (CATIIIA) - OPERATIONAL TEST	AIRCRAFT WITH VHF-3 COLLINS AND CATIIla CONFIGURATION
23-12-00-700-805-A	VHF - FUNCTIONAL TEST	ALL



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TASK 23-12-00-700-801-A

EFFECTIVITY: ALL

2. COMMUNICATION SYSTEM - OPERATIONAL TEST

A. General

- (1) This task gives the procedures to do the operational test of the VHF communication systems.
- (2) This is a self-test of the RMU COM function. The self test will measure some internal parameters and do a check of their limits to make sure that there is integrity of the VHF systems. A transmission and reception test will make sure that the system operates correctly.

B. References

REFERENCE	DESIGNATION
AMM SDS 23-12-00/1	
AMM SDS 23-31-00/1	
AMM SDS 23-51-00/1	
AMM SDS 23-81-00/1	
AMM SDS 31-51-00/1	
AMM SDS 34-22-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

Not Applicable

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



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I. Preparation

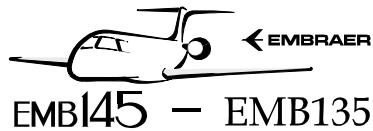
SUBTASK 841-002-A

- (1) Energize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Make sure that these systems are operational and on:
  - VHF System ([AMM SDS 23-12-00/1](#)).
  - Passenger Address & Cabin Interphone System ([AMM SDS 23-31-00/1](#)).
  - Airborne Audio System ([AMM SDS 23-51-00/1](#)).
  - Radio Management System ([AMM SDS 23-81-00/1](#)).
  - Aural Warning System ([AMM SDS 31-51-00/1](#)).
  - EFIS ([AMM SDS 34-22-00/1](#)).

J. Communication System - Test Procedures ([Figure 501](#))

SUBTASK 710-002-A

- (1) Do the VHF operational test as follows:
  - (a) On the RMU 1, push the line select key adjacent to the COM 1 window.  
Result:
    - 1 The yellow cursor moves to stay around the data related to that line select key.
  - (b) Turn the tuning knobs.  
Result:
    - 1 A frequency code can be selected.
  - (c) Push and hold the TST function key.  
Result:
    - 1 The COM 1 window shows TEST (amber) and COM TEST (amber).  
NOTE: The receiver squelch circuit will be shown for a moment and a noise will be heard if the audio is enabled in the digital audio panel.
    - 2 The COM 1 window shows TEST (amber) and COM PASS (green) at the end of the test cycle.  
NOTE: A COM ERR (red) is the indication that the selected COM is defective.
  - (d) Release the RMU TST function key.  
Result:
    - 1 The COM 1 window goes back to the normal configuration.
  - (e) Select an operational frequency.
  - (f) Do a two-way communication with the ground station. To do this, push the COM 1 pushbutton on the pilot DAP.  
NOTE: On the DAPs, select COM 1 to transmit through VHF 1, COM 2 to transmit through VHF 2, or COM 3 to transmit through VHF 3 (as



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applicable). VHF 3 must be enabled for voice communication. If not, the transmission will not be possible.

Result:

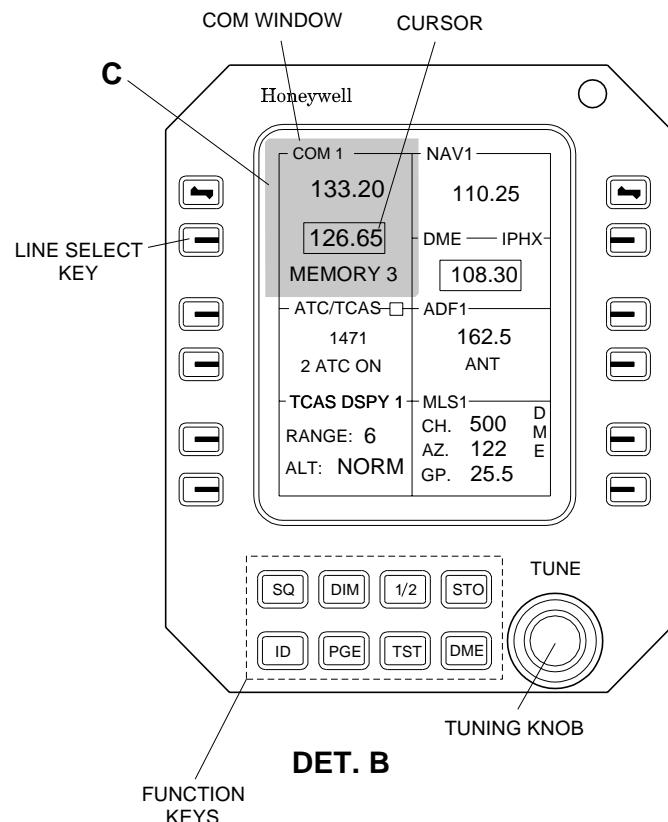
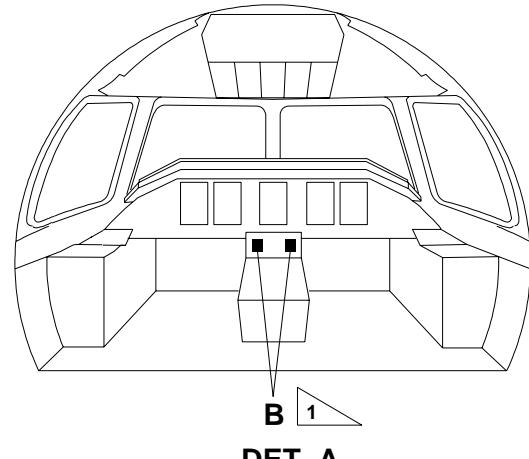
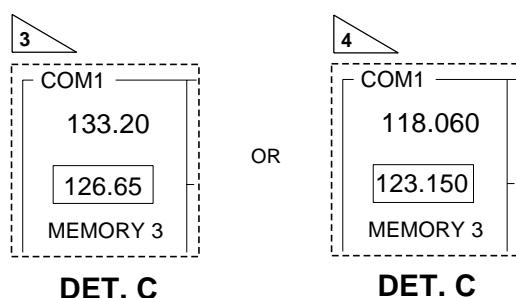
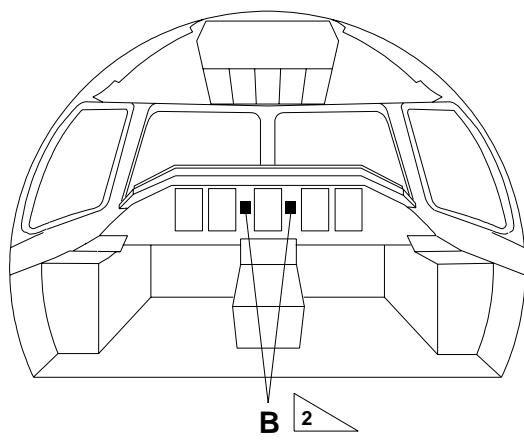
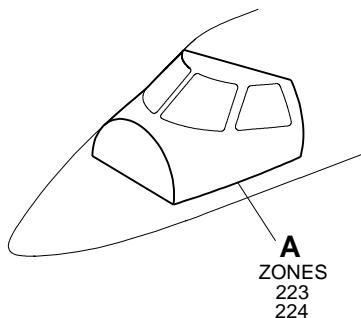
- 1 Communication must be established.
- (g) Do steps (a) to (f) again for the COM 2 window, on RMU 2.
- (h) (Aircraft with VHF 3 Honeywell enabled for voice communication) Do steps (a) to (f) again for the COM 3 window, on RMU 1. To select COM 3 on RMU 1, do as follows:
  1. On RMU 1, push the PGE button.
  2. Set SYS SELECT.
  3. Select the 1/3 configuration on the RMU display.
  4. Push the 1/2 button to select COM 3.

K. Follow-on

SUBTASK 842-002-A

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

**EFFECTIVITY: ALL**  
 RMU 1 and 2 - COM Window  
 Figure 501



- 1** AIRCRAFT WITH RMU INSTALLED ON CONTROL PEDESTAL
- 2** AIRCRAFT WITH RMU INSTALLED ON MAIN INSTRUMENT PANEL
- 3** WITH A CHANNEL SPACING OF 25 KHz
- 4** WITH A CHANNEL SPACING OF 8.33 KHz

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TASK 23-12-00-700-802-A

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS

3. VHF-3 FUNCTIONAL TEST

A. General

- (1) This task gives the procedures to do the VHF-3 functional test.
- (2) This task is also applicable to the aircraft under the CATIIIa configuration which use the VHF/NAV 3 control panel.
- (3) A wattmeter is used to check if the direct and reflected power are within acceptable values while transmitting. A frequencymeter is also used to measure the transmission frequency and to check if it corresponds to the frequency selected in the VHF-3 (or VHF/NAV 3) control panel.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM SDS 23-51-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
S.B.145-32-0036	-
WM 20-50-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
213	113CZ	Forward electronic compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 040	Wattmeter-RF Thruline	To measure power in coaxial transmission lines	
GSE 126	Test Set - COMM/VOR/ILS, Ramp and Bench	To measure the transmission frequency	

E. Auxiliary Items

Not Applicable



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## F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8660	Dow Corning No. 4 Lubricant Compound	AR

## G. Expandable Parts

Not Applicable

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	A - Does the task	Near the aircraft
1	B - Helps technician A	In the cockpit

## I. Preparation

## SUBTASK 841-003-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 VHF-3 circuit breaker is closed.
- (3) For aircraft under the CATIIIa configuration, make sure that the VOR/ILS 3 circuit breaker is also closed.
- (4) (PRE-MOD. [S.B.145-32-0036](#)) Make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (5) (POST-MOD. [S.B.145-32-0036](#)) Install the safety pin of the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (6) Open door 113CZ (AMM MPP 06-41-01/100).

J. VHF-3 Test Procedures ([Figure 502](#))

## SUBTASK 720-002-A

NOTE: Aircraft under the CATIIIa configuration are equipped with VHF/NAV 3 Control Panel.

- (1) Install the wattmeter (GSE 040) between the coaxial connector (1) and the coaxial adapter (2) located on the front pressure bulkhead, as shown in Figure 502.
- (2) NOTE: For aircraft under the CATIIIa, on the VHF/NAV 3 control panel, set the POWER/MODE switch to STBY position and then wait for the self-test to finish.  
In the VHF-3 (or VHF/NAV 3) control panel, turn the POWER/MODE switch to the ON position.
- (3) Make sure that there is a short audio tone through the audio system speakers.



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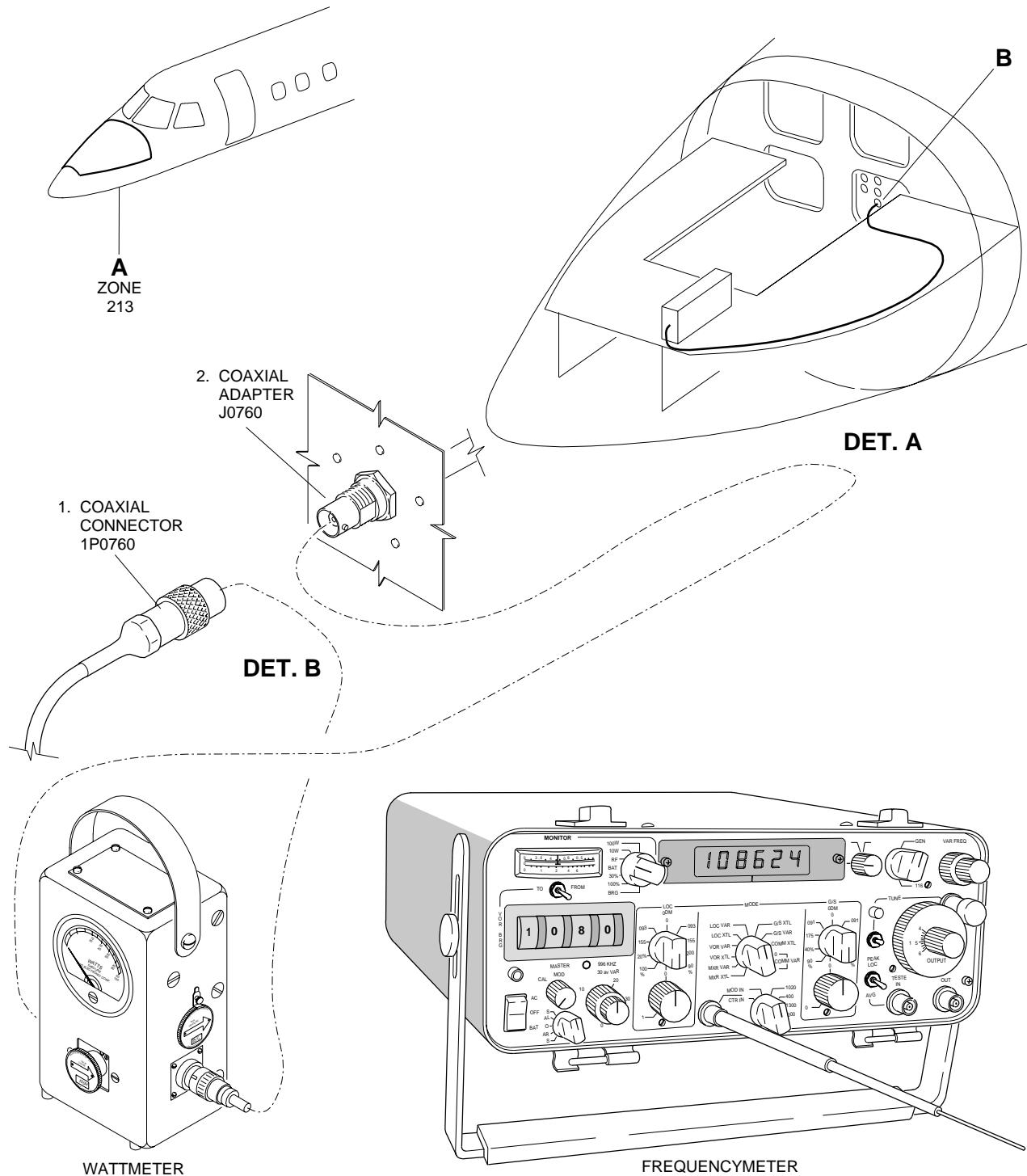
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- (4) **NOTE:** For aircraft under the CATIIIa configuration, on VHF/NAV 3 control panel set the COM/NAV select switch to COM position.  
(FOR ACFT WITH A CHANNEL SPACING OF 25 KHz) On the VHF-3 control panel, select the frequencies 118.00, 126.65, 133.20, 135.95 and transmit ([AMM SDS 23-51-00/1](#)).
- (5) (FOR ACFT WITH A CHANNEL SPACING OF 8.33 KHz) On the VHF-3 (or VHF/NAV 3) control panel, select the frequencies 118.010, 126.010, 133.010, 135.010 and transmit ([AMM SDS 23-51-00/1](#)).
- (6) The direct power read on the wattmeter must be 16 watts minimum.
- (7) The reflected power read on the wattmeter must be 10% maximum of the direct power.
- (8) (FOR ACFT WITH A CHANNEL SPACING OF 25 KHz) On the VHF-3 control panel, select the frequencies 118.00, 126.65, 133.20, 135.95 and push the PTT button to simulate a transmission.
- (9) (FOR ACFT WITH A CHANNEL SPACING OF 8.33 KHz) On the VHF-3 (or VHF/NAV 3) control panel, select the frequencies 118.010, 126.010, 133.010, 135.010 and push the PTT button to simulate a transmission.
- (10) Check if the frequencymeter indication corresponds to the selected frequency.
- (11) Remove the wattmeter.
- (12) Fill the internal part of the coaxial connectors (1) and (2) with Dow Corning No. 4 Lubricant Compound (WM 20-50-00).
- (13) Connect the coaxial cables again.

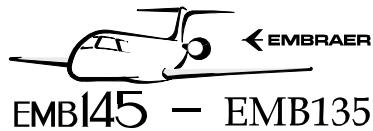
K. Follow-on

SUBTASK 842-003-A

- (1) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Close door 113CZ (AMM MPP 06-41-01/100).
- (3) (POST-MOD. [S.B.145-32-0036](#)) Remove the safety pin of the NLG doors solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

**EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS**  
**VHF-3 Functional Test**  
**Figure 502**


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TASK 23-12-00-700-803-A

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS

4. VHF-3 - OPERATIONAL TEST

A. General

- (1) This task gives the procedures to do the VHF-3 operational test.
- (2) The procedures check if the functions of the VHF-3 control panel operates correctly and also test the integrity of the VHF-3 transceiver through a two-way communication.

B. References

REFERENCE	DESIGNATION
AMM SDS 23-12-00/1	
AMM SDS 23-31-00/1	
AMM SDS 23-51-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

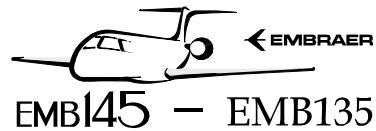
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Preparation

SUBTASK 841-004-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:
  - VHF-3 System ([AMM SDS 23-12-00/1](#)).
  - Passenger Address & Cabin Interphone System ([AMM SDS 23-31-00/1](#)).
  - Airborne Audio System ([AMM SDS 23-51-00/1](#)).



- Aural Warning System ([AMM SDS 23-31-00/1](#)).

J. VHF-3 - Test Procedures ([Figure 503](#))

## SUBTASK 710-003-A

(1) Do the VHF-3 operational test as follows:

- (a) Turn the POWER/MODE switch to the ON position.

Result:

- 1 The VHF-3 control panel is energized.
- 2 A short audio tone will be heard.
- 3 The MEM annunciator comes on.

- (b) Push the TEST button.

Result:

- 1 The display flashes and its brightness varies from a maximum to a minimum indicating that the self test is in progress.
- 2 The active frequency display shows four dashes and the preselected frequency display shows "00".
- 3 An audio tone will be heard.
- 4 At the end of the test, the display returns to its normal operation if no problem occurs.

NOTE: The active frequency display will show "diAG" and the preselected frequency display will show a 2-digit diagnostic code to indicate a defective test.

- (c) Push the ACT button and hold it for two seconds.

Result:

- 1 The preselected frequency display shows dashes.
- 2 The MEM annunciator goes off.

- (d) Select a frequency through the frequency selector knob.

Result:

- 1 The ACT annunciator momentarily lights.

- (e) Push the ACT button and hold it for two seconds.

Result:

- 1 Dashes shown on the preselected frequency display go off.
- 2 The MEM annunciator comes on.

- (f) Push the MEM switch 6 times.

Result:

- 1 The stored frequencies and their corresponding memory location (CH 1 to CH 6) are show in the preselect frequency display and active frequency display respectively.

- (g) Push the XFR/MEM switch to select a memory location.

Result:

- 1 The stored frequency and its corresponding memory location (CH 1 to CH 6) are shown in the preselect frequency display and active frequency display respectively.
- (h) Select a frequency through the frequency selector knob.
- (i) Push the STO button two times within a maximum of 5 seconds.

Result:

- 1 The frequency is stored in the memory location shown in the active frequency display.

**NOTE:** The second actuation of the STO button must always be done within a maximum of 5 seconds after the first actuation.

- (j) Push the XFR/MEM switch to the XFR position.

Result:

- 1 The preselect frequency and active frequency changes their position in the display.
- 2 At the same time a short audio tone will be heard in the audio system and the ACT annunciator momentarily lights.

- (k) Turn the power/mode switch to the SQ OFF position.

Result:

- 1 A background noise will be heard through the audio system.

- (l) Return the power/mode switch to the ON position.

Result:

- 1 A background noise comes off.

- (m) Select an operational frequency.

- (n) Do a two-way communication ([AMM SDS 23-51-00/1](#)).

Result:

- 1 The TX annunciator comes on during the transmission.

- (o) Turn the POWER/MODE switch to the OFF position.

Result:

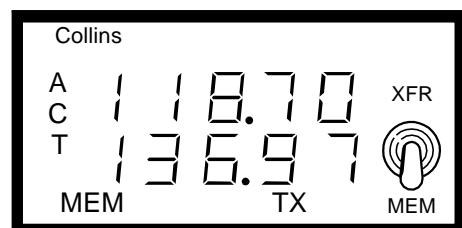
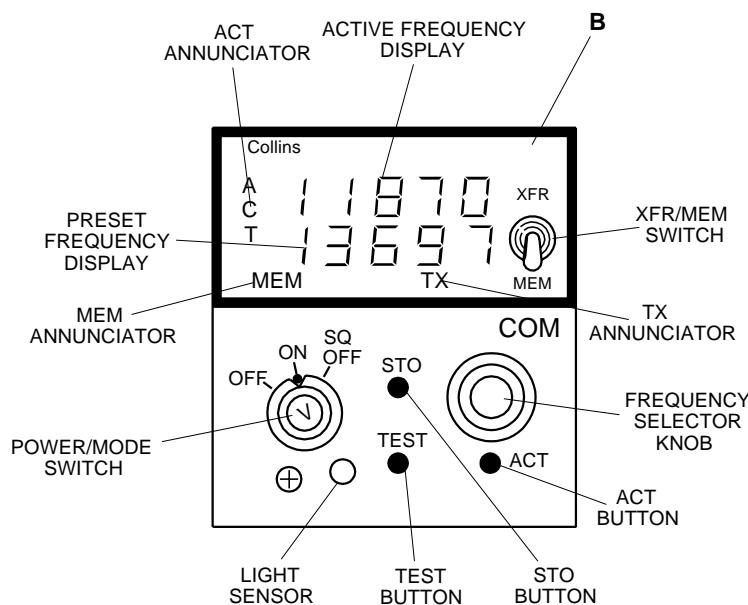
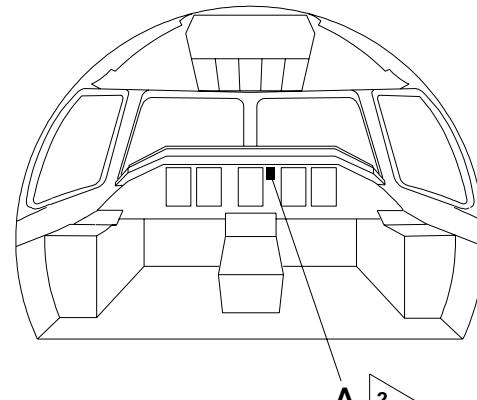
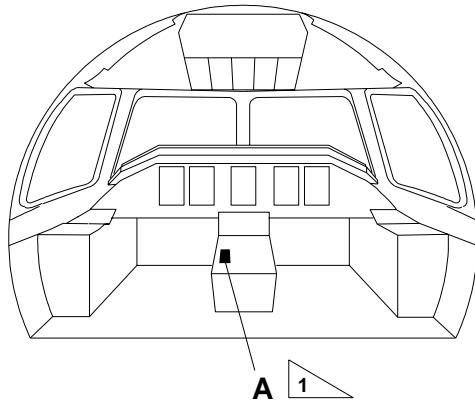
- 1 The VHF-3 control panel is deenergized.

**K. Follow-on**

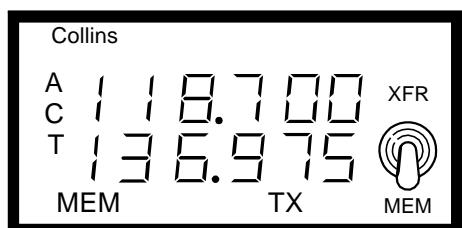
**SUBTASK 842-004-A**

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

**EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS**  
**VHF-3 Control Panel**  
**Figure 503**



- 1** AIRCRAFT WITH VHF-3 CONTROL PANEL INSTALLED ON CONTROL PEDESTAL
- 2** AIRCRAFT WITH VHF-3 CONTROL PANEL INSTALLED ON MAIN INSTRUMENT PANEL
- 3** WITH A CHANNEL SPACING OF 25 KHz
- 4** WITH A CHANNEL SPACING OF 8.33 KHz



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TASK 23-12-00-700-804-A

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS AND CATIIIa CONFIGURATION

5. VHF-3 (CATIIIa) - OPERATIONAL TEST

A. General

- (1) This task gives the procedures to do the VHF-3 operational test, for aircraft under the CATIIIa configuration.
- (2) The procedures check if the functions of the VHF/NAV 3 control panel operates correctly and also test the integrity of the VHF-3 transceiver through a two-way communication.

B. References

REFERENCE	DESIGNATION
AMM SDS 23-12-00/1	
AMM SDS 23-31-00/1	
AMM SDS 23-51-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

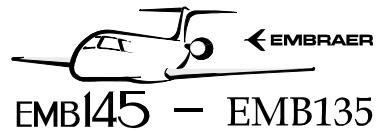
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Preparation

SUBTASK 841-005-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:
  - VHF-3 System ([AMM SDS 23-12-00/1](#)).
  - Passenger Address & Cabin Interphone System ([AMM SDS 23-31-00/1](#)).



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- Airborne Audio System ([AMM SDS 23-51-00/1](#)).
- Aural Warning System ([AMM SDS 23-31-00/1](#)).

J. VHF-3 (CATIIIa) - Test Procedures ([Figure 504](#))

SUBTASK 710-004-A

- (1) Do the VHF-3 operational test as follows:

- (a) On VHF/NAV 3 control panel turn the POWER/MODE switch to the STBY position.  
Result:
  - 1 For approximately 5 seconds, the COM and NAV frequency windows show the number 1 followed by eights and TX is annunciated.
  - 2 A short audio tone will be heard.
  - 3 A dimming self-test of the frequency displays is done.
- (b) On VHF/NAV 3 control panel, turn the POWER/MODE switch to the ON position.
- (c) Set the COM/NAV select switch to the COM position and select an operational frequency.
- (d) Set the COM/NAV select switch to NAV position and select an operational frequency.
- (e) Turn the POWER/MODE switch to the SQ OFF position.  
Result:
  - 1 A background noise will be heard through the audio system.
- (f) Return the POWER/MODE switch to the ON position.  
Result:
  - 1 A background noise comes off.
- (g) Do a two-way communication ([AMM SDS 23-51-00/1](#)).  
Result:
  - 1 The TX annunciator comes on during the transmission.
- (h) Turn the POWER/MODE switch to the OFF position.  
Result:
  - 1 The VHF/NAV 3 control panel is deenergized.

K. Follow-on

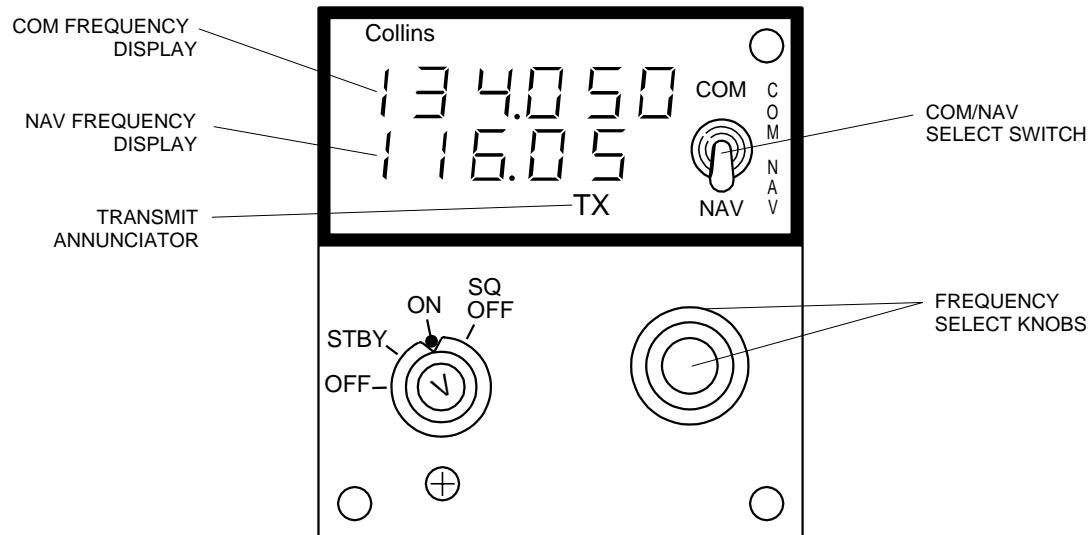
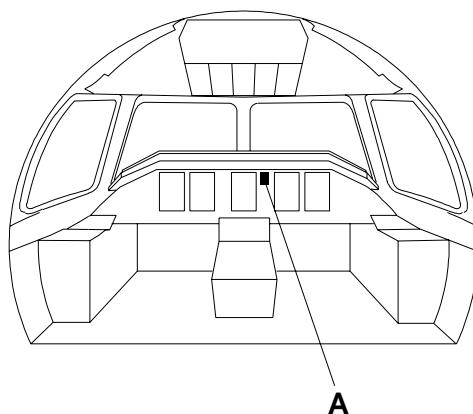
SUBTASK 842-005-A

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

**EFFECTIVITY: AIRCRAFT UNDER CATIIa CONFIGURATION**

VHF/NAV 3 Control Panel

Figure 504



**DET. A**

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**TASK 23-12-00-700-805-A**
**EFFECTIVITY: ALL**
**6. VHF - FUNCTIONAL TEST**
**A. General**

- (1) This task gives the procedures to do the functional test of the VHF radios.
- (2) A wattmeter is used to make sure that the direct and reflected powers are within acceptable values during transmission. A frequencymeter is also used to measure the transmission frequency and to make sure that it corresponds to the frequency selected on the RMU's.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-01/100	-
AMM SDS 23-51-00/1	
AMM SDS 23-81-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
S.B.145-32-0036	-
WM 20-50-00	-

**C. Zones and Accesses**

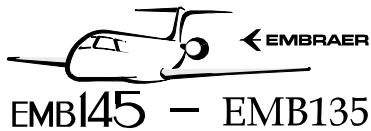
Not Applicable

**D. Tools and Equipment**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
GSE 040	Wattmeter-RF Thruline	To measure power in coaxial transmission lines	
GSE 042	Element Plug-in	Used with GSE 040 to select RF-power and frequency ranges to be checked	
GSE 126	Test Set - COMM/VOR/ILS, Ramp and Bench	To measure the transmission frequency	
Commercially available	N-Type Male to BNC Male RF Coax Antenna Cables (RG174) - 1.2 meter length maximum - 50 ohm impedance	To connect the wattmeter	
Commercially available	BNC Female / Female Coaxial adapter	To connect the wattmeter	

**E. Auxiliary Items**

Not Applicable



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F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8660	Dow Corning No. 4 Lubricant Compound	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	A - Does the task	Forward electronic compartment
1	B - Helps technician A	In the cockpit

I. Preparation

SUBTASK 841-006-A

- (1) Energize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - VHF 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/VHF 1).
  - VHF 2 (Location Tip: DC BUS 2/COMM/VHF 2).
  - (Aircraft with VHF 3 Honeywell) VHF 3 (Location Tip: DC BUS 1/COMM/VHF 3).
- (3) Make sure that these systems are operational and on:
  - Airborne Audio System ([AMM SDS 23-51-00/1](#)).
  - Radio Management System ([AMM SDS 23-81-00/1](#)).
- (4) (PRE-MOD. [S.B.145-32-0036](#)) Make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (5) (POST-MOD. [S.B.145-32-0036](#)) Install the safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (6) Open access door 113CZ (AMM MPP 06-41-01/100).

J. VHF - Test Procedures ([Figure 505](#))

SUBTASK 720-003-A

- (1) Install the wattmeter (6) (GSE 040) between the coaxial connector (5) and the coaxial adapter (2) located on the front pressure bulkhead, as follows (refer to Figure 505):
  - (a) Connect the RF coaxial cable (1) to the wattmeter (6) and to the coaxial adapter (2).

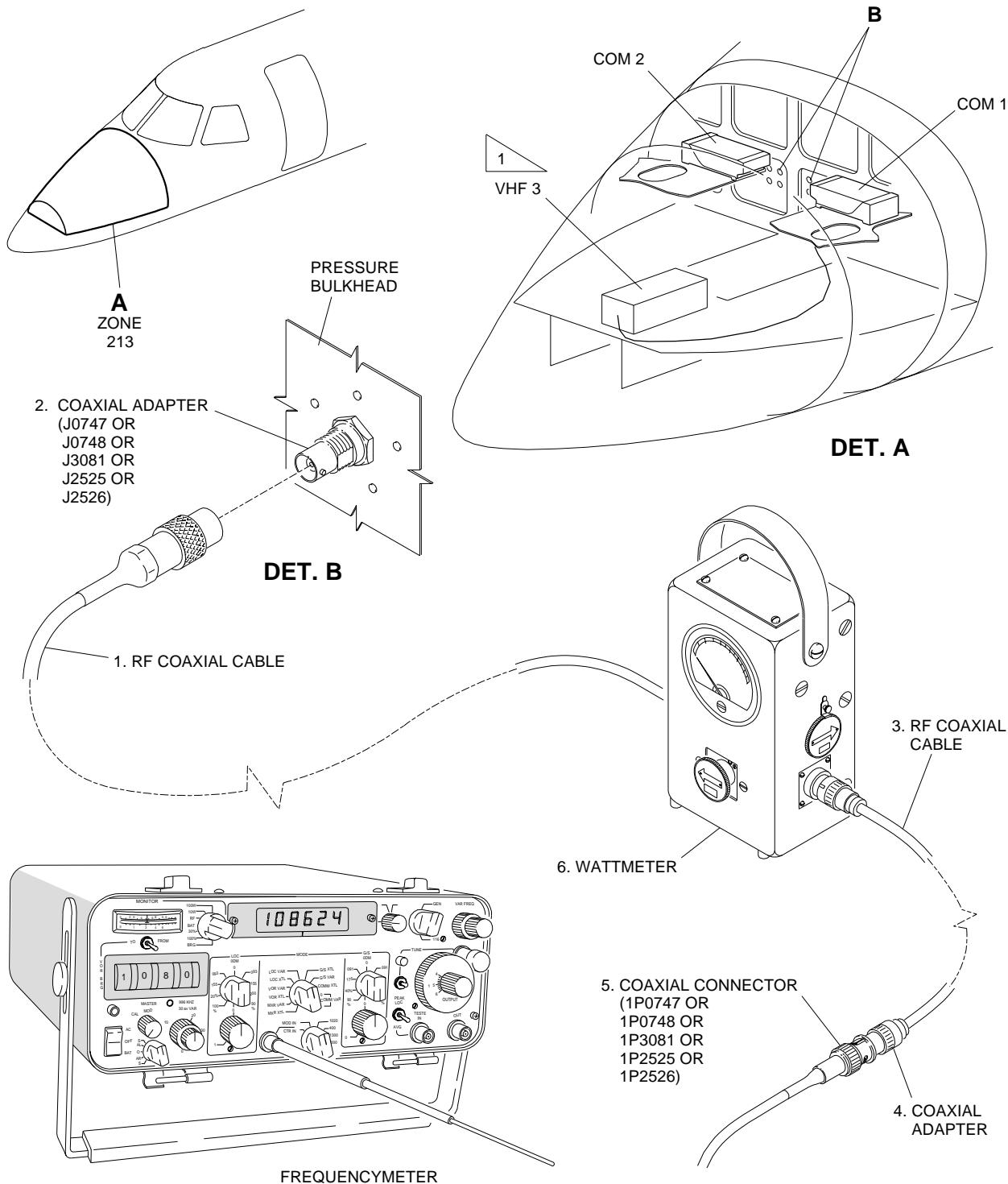
- (b) Connect the RF coaxial cable (3) to the wattmeter (6) and to the coaxial adapter (4).
- (c) Connect the coaxial adapter (4) to the coaxial connector (5).
- (2) On the circuit breaker panel, remove the DO-NOT-CLOSE tag and close the VHF 1 circuit breaker.
- (3) On the pilot or copilot digital audio panel, push the COM1 pushbutton.
- (4) On RMU 1, select an operational frequency in the COM 1 window.
- (5) Push the PTT pushbutton to simulate a transmission.
- (6) Make sure that the direct power read on the wattmeter (GSE 040) is 14 W minimum.
- (7) Make sure that the frequency read on the test set (GSE 126 or GSE 301 or GSE 474) corresponds to the frequency selected on RMU 1.
- (8) Invert the element plug-in (GSE 042) of the wattmeter to measure the reflected power and push the PTT pushbutton to transmit.
- (9) Make sure that the reflected power read on the wattmeter is 10% maximum of the direct power measured previously.
- (10) Remove the Wattmeter.
- (11) Fill the internal part of the coaxial connectors (1) and (2) with Dow Corning No. 4 Lubricant Compound (WM 20-50-00).
- (12) Connect the coaxial cables again.
- (13) Do steps (1) to (8) again for VHF 2 (COM 2) and RMU 2.
- (14) (Aircraft with VHF 3 Honeywell enabled for voice communication) Do steps (1) to (8) again for VHF 3 (COM 3) and RMU 1. To set COM 3 on RMU 1, do as follows:
  - 1. On RMU 1, push the PGE button.
  - 2. Set SYS SELECT.
  - 3. Select the 1/3 configuration on the RMU display.
  - 4. Push the 1/2 button to select COM 3.

#### K. Follow-on

##### **SUBTASK 842-006-A**

- (1) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) Close door 113CZ (AMM MPP 06-41-01/100).
- (3) (POST-MOD. [S.B.145-32-0036](#)) Remove the safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

**EFFECTIVITY: ALL**  
**VHF - Functional Test**  
**Figure 505**



**1** AIRCRAFT WITH VHF 3 Honeywell

EM145AMM230332D.DGN