



## AIRCRAFT MAINTENANCE MANUAL

### V/UHF SYSTEM - MAINTENANCE PRACTICES

#### EFFECTIVITY: AIRCRAFT WITH SINGLE V/UHF SYSTEM

##### 1. General

- A. This section gives the procedures to do the configuration of the V/UHF system.
- 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
23-14-00-800-801-A	V/UHF SYSTEM - CONFIGURATION	AIRCRAFT WITH SINGLE V/UHF SYSTEM



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-14-00-800-801-A

EFFECTIVITY: AIRCRAFT WITH SINGLE V/UHF SYSTEM

2. V/UHF SYSTEM - CONFIGURATION

A. General

- (1) This task gives the procedure to do the configuration of the V/UHF system through the V/UHF Remote Control panel.

NOTE: Information about the V/UHF system configuration given in this procedure must only be used as a reference for an initial configuration of the system. The best configuration can change as a function of the requirements of each operator. Refer to the latest revision of the ROHDE&SCHWARZ - CONTROL UNIT (GB 6500) Operator's Manual 6075.9155.12.xx for more information.

B. References

REFERENCE	DESIGNATION
AMM SDS 23-14-00/1	
AMM TASK 23-14-00-700-801-A/500	-
ROHDE&SCHWARZ - CONTROL UNIT (GB 6500) Operator's Manual 6075.9155.12.xx	-
ROHDE&SCHWARZ - CONTROL UNIT (GB 6500) Operator's Manual 6075.9155.12.xx	-

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	

I. Preparation

SUBTASK 841-003-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Make sure that the V/UHF system ([AMM SDS 23-14-00/1](#)) is operational.



J. Configuration Procedures ([Figure 201](#))

SUBTASK 860-003-A

- (1) Do the configuration of the V/UHF system as follows:

**NOTE:** Information about the V/UHF system configuration given in these steps must only be used as a reference for an initial configuration of the system. The best configuration can change as a function of the requirements of each operator. Refer to the latest revision of the ROHDE&SCHWARZ - CONTROL UNIT (GB 6500) Operator's Manual 6075.9155.12.xx for more information.

- (a) On the V/UHF remote control panel, pull and set the mode switch to the SET position.
- (b) On the V/UHF remote control panel, push the "6" key.
- (c) On the V/UHF remote control panel, push the "ENT" key until VOL - SIDE shows on the display and then push the "3" key to set the largest value 0 dB.
- (d) On the V/UHF remote control panel, push the "ENT" key until TYP - MARK shows on the display and then push the "2" or "3" key to set the VOICE option.
- (e) On the V/UHF remote control panel, push the "ENT" key until GRX - SQL shows on the display and then push the "2" or "3" key to set the value 8 dB.
- (f) On the V/UHF remote control panel, push the "ENT" key until AFIN - LVL shows on the display and then push the "2" or "3" key to set the value -6 dB.
- (g) On the V/UHF remote control panel, push the "ENT" key until AFIN - MOD shows on the display and then push the "2" or "3" key to set the value 90%.
- (h) On the V/UHF remote control panel, push the "ENT" key until ADDRESS OWN shows on the display and then push the "0" key to set the address 0.
- (i) On the V/UHF remote control panel, push the "ENT" key until ADDRESS TXR shows on the display and then push the "1" key to set the address 1.

**NOTE:** The ADDRESS TXR can change between 1, 15, or 30.

Result:

- 1 Wait for a few seconds (no more than 5 seconds): the "GO" (green) LED comes on.

If the "GO" LED does not come on, it is necessary to try with other addresses until the "GO" LED comes on. Do step (1) (i) again with address 15 or 30.

- (j) On the V/UHF remote control panel, push the "ENT" key.
- (k) On the V/UHF remote control panel, push the "TAKE" key.
- (l) On the V/UHF remote control panel, set the mode switch to the OFF position.

K. Follow on

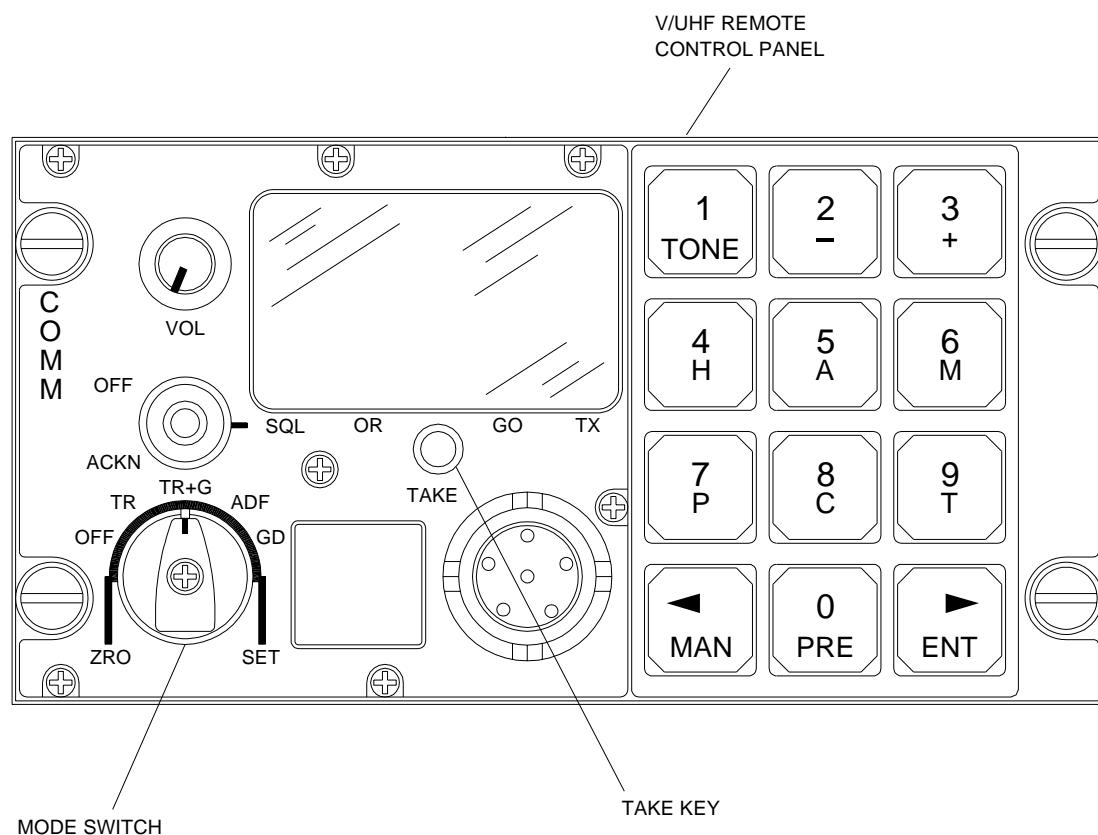
SUBTASK 842-003-A

- (1) Do the V/UHF system functional test (AMM TASK 23-14-00-700-801-A/500).

**EFFECTIVITY: AIRCRAFT WITH SINGLE V/UHF SYSTEM**

V/UHF System - Configuration

Figure 201



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