

DME - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the DME System test.
- B. The DME module is part of the Integrated Navigation Unit.
- 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
34-51-00-700-801-A	DME SYSTEM OPERATIONAL TEST	ALL

TASK 34-51-00-700-801-A

EFFECTIVITY: ALL

2. DME SYSTEM OPERATIONAL TEST

A. General

(1) This task gives the procedures to do the DME System operational test.

B. References

REFERENCE	DESIGNATION
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 SDS 34-32-00/1	
AMM SDS 34-51-00/1	
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 841-002-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 operational and on:
 - 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](#)).
- DME System ([AMM SDS 34-51-00/1](#)).
- VOR/ILS/GS/MB ([AMM SDS 34-32-00/1](#)).

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

SUBTASK 710-002-A

- (1) On RMU 1, push the DME function key.
 - (2) Move the cursor of RMU 1 to the DME1 window.
 - (3) Do the test of frequency selection as shown below:
 - (a) Put the cursor on the select frequency code.
 - (b) Turn the dual concentric knobs.Result:
1 A frequency code can be selected.
 - (4) Do the self-test below:
 - (a) Set RMU 1 to the DME1 window.
 - (b) Push and hold the RMU TST function key.Result:
1 On the RMU, the DME1 window shows:
 - TEST and DME TEST (amber).
 - TEST (amber) and DME PASS (green), at the end of the test cycle.

NOTE: A DME ERR (red) is the indication that the selected DME is defective.
 - (5) Do steps (1), (2), (3), and (4) above again for DME2, on RMU 2.
 - (6) Do the DME test below:
 - (a) Set RMU 1 to the DME1 window.
 - (b) Tune in to station of DME.Result:
1 Make sure of the correct distance and ident.
 - (c) Set RMU 2 to the DME2 window.
 - (d) Tune in to DME station.
- Result:
-
- 1
- Make sure of the correct distance and ident.

K. Follow-on

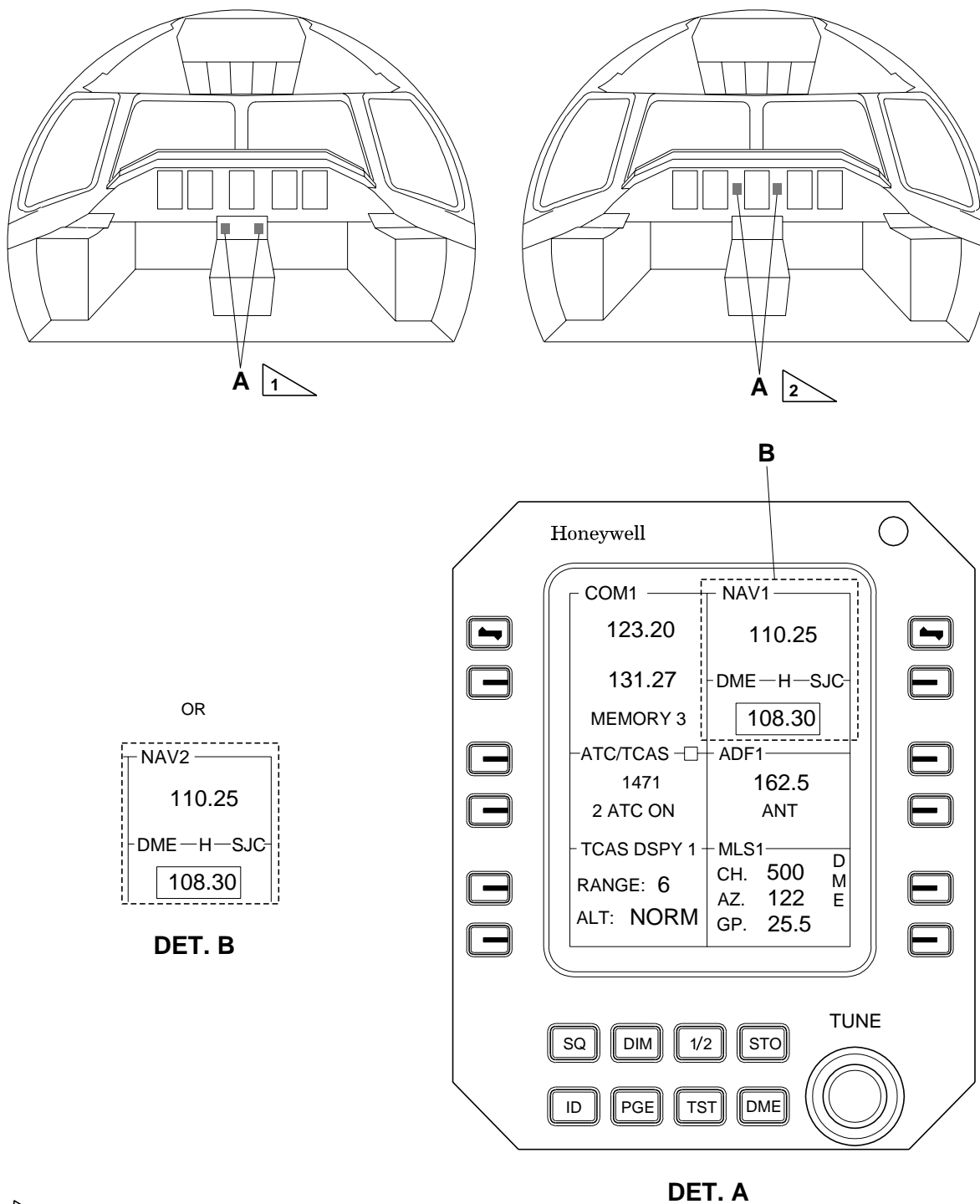
SUBTASK 842-002-A

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

EFFECTIVITY: ALL

RMU 1 and 2 - DME1 and 2 Window

Figure 501



1 AIRCRAFT WITH RMU INSTALLED ON CONTROL PEDESTAL.

2 AIRCRAFT WITH RMU INSTALLED ON MAIN INSTRUMENT PANEL.

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