

## INTEGRATED NAVIGATION UNIT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

### 1. General

- A. This section gives the procedures to remove and install the Integrated Navigation Unit.
- B. The Integrated Navigation Unit contains the VOR/ILS, ADF and DME modules.
- 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
34-32-01-000-801-A	INTEGRATED NAVIGATION UNIT - REMOVAL	ALL
34-32-01-400-801-A	INTEGRATED NAVIGATION UNIT - INSTALLATION	ALL

TASK 34-32-01-000-801-A

EFFECTIVITY: ALL

## 2. INTEGRATED NAVIGATION UNIT - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the Integrated Navigation Unit.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM TASK 32-00-01-910-801-A/200</a>	LG SAFETY PIN - INSTALLATION AND REMOVAL

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Forward electronic compartment

### 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	At the forward electronic compartment

### I. Preparation

#### **SUBTASK 841-002-A**

- (1) On the circuit breaker panel, open the VOR/ILS 1, VOR/ILS 2, ADF 1, ADF 2, DME 1 and DME 2 circuit breakers and attach a DO-NOT-CLOSE tag to them.
- (2) Make sure that the landing gear safety pin is installed to the NLG ( [AMM TASK 32-00-01-910-801-A/200](#) ).
- (3) Open access door 113CZ (AMM MPP 06-41-01/100).

J. Removal ([Figure 401](#))

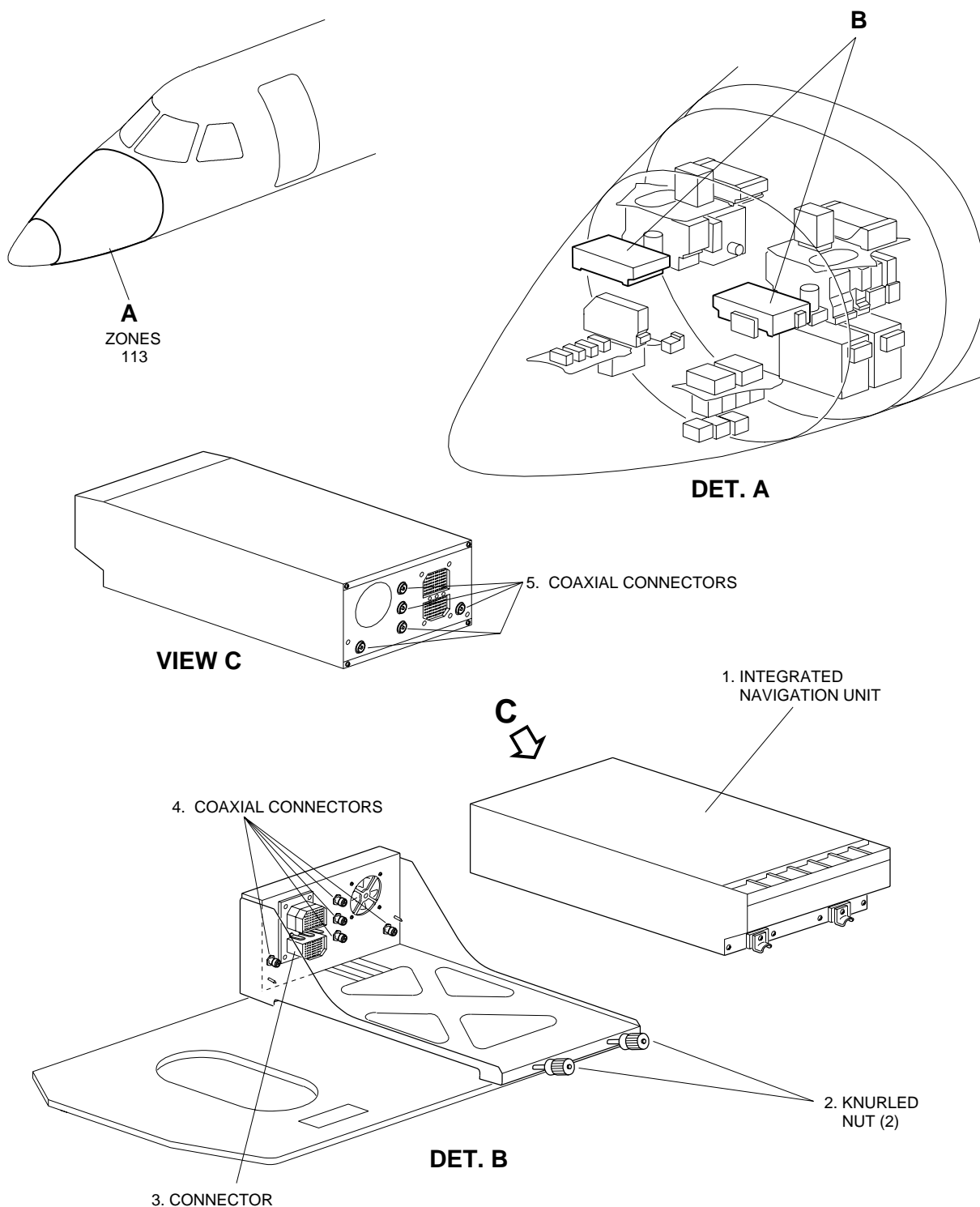
*SUBTASK 020-002-A*

- (1) Release the knurled nuts (2) which attach the Integrated Navigation Unit (1).
- (2) Pull the Integrated Navigation Unit (1) by its handle, until it is disconnected from the connector (3) attached to the mounting rack.
- (3) Remove the Integrated Navigation Unit (1) from the mounting rack.

EFFECTIVITY: ALL

Integrated Navigation Unit - Removal/Installation

Figure 401



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TASK 34-32-01-400-801-A  
EFFECTIVITY: ALL

### 3. INTEGRATED NAVIGATION UNIT - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install the Integrated Navigation Unit.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 34-32-00-700-801-A/500	VOR/ILS SYSTEM OPERATIONAL TEST
AMM TASK 34-51-00-700-801-A/500	DME SYSTEM OPERATIONAL TEST
AMM TASK 34-53-00-700-801-A/500	ADF SYSTEM OPERATIONAL TEST
WM 20-50-00	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Forward electronic compartment

#### D. Tools and Equipment

Not Applicable

#### E. Auxiliary Items

Not Applicable

#### 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	Does the task	At the forward electronic compartment

#### I. Installation (Figure 401)

##### SUBTASK 420-002-A

- (1) Examine and clean or replace the coaxial connectors (4) as required (WM 20-50-00).
- (2) Fill the internal part of the coaxial connectors (4) and (5) with Dow Corning No. 4 Lubricant Compound (WM 20-50-00).

- (3) Install the Integrated Navigation Unit (1) on the mounting rack.
- (4) Push the Integrated Navigation Unit (1) by its handle, until it is connected to the connector (3) attached to the mounting rack.
- (5) Tighten the knurled nuts (2) which attach the Integrated Navigation Unit (1) to the mounting rack.

J. Follow-on

*SUBTASK 842-002-A*

- (1) On the circuit breaker panel, close the VOR/ILS 1, VOR/ILS 2, ADF 1, ADF 2, DME 1 and DME 2 circuit breakers and remove the DO-NOT-CLOSE tag from them.
- (2) Do the VOR/ILS System Operational Test ( [AMM TASK 34-32-00-700-801-A/500](#)), DME System Operational Test ( [AMM TASK 34-51-00-700-801-A/500](#)) and ADF System Operational Test ( [AMM TASK 34-53-00-700-801-A/500](#)).
- (3) Close access door 113CZ (AMM MPP 06-41-01/100).