



AIRCRAFT MAINTENANCE MANUAL

VHF-3 CONTROL PANEL - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS

1. General

- A. This section gives the procedures to remove and install VHF-3 Control Panel CTL-22 or VHF/NAV 3 Control Panel CTL-23C (for aircraft under CATIIIa configuration).
- 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
23-12-01-000-801-A	VHF-3 CONTROL PANEL - REMOVAL	AIRCRAFT WITH VHF-3 COLLINS
23-12-01-400-801-A	VHF-3 CONTROL PANEL - INSTALLATION	AIRCRAFT WITH VHF-3 COLLINS



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TASK 23-12-01-000-801-A

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS

2. VHF-3 CONTROL PANEL - REMOVAL

A. General

- (1) This task gives the procedures to remove VHF-3 Control Panel CTL-22 or VHF/NAV 3 Control Panel CTL-23C (for aircraft under CATIIIa configuration).

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223/224		Cockpit

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit

H. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them.
- (a) VHF-3 (Location Tip: DC BUS 1/COMM).
- (b) VOR/ILS 3 (Location Tip: DC BUS 1/CATIII) - (Aircraft under CATIIIa configuration).

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

SUBTASK 020-002-A

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

- (1) Loosen and remove the three screws (1) which attach the VHF-3 (or VHF/NAV 3) Control Panel (2) to the main instrument panel.
- (2) Carefully pull the VHF-3 (or VHF/NAV 3) Control Panel (2) from its housing to get access to the electrical connector (3).



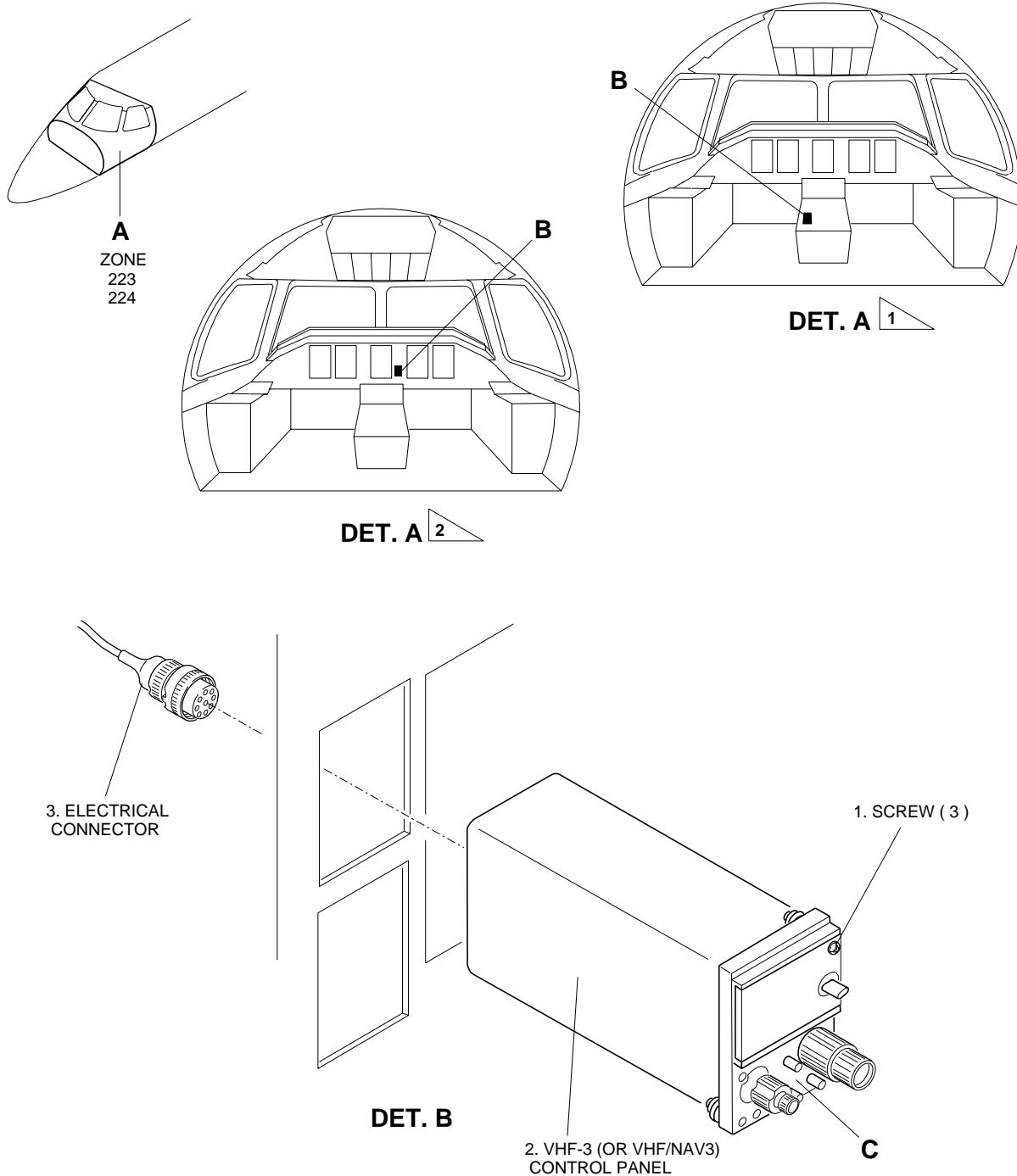
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- (3) Disconnect the electrical connector (3) from the VHF-3 (or VHF/NAV 3) Control Panel (2).
- (4) Remove the VHF-3 (or VHF/NAV 3) Control Panel (2).
- (5) Install protection caps on the electrical connector (3).

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS

VHF-3 (or VHF/NAV 3) Control Panel - Removal/Installation

Figure 401 - Sheet 1

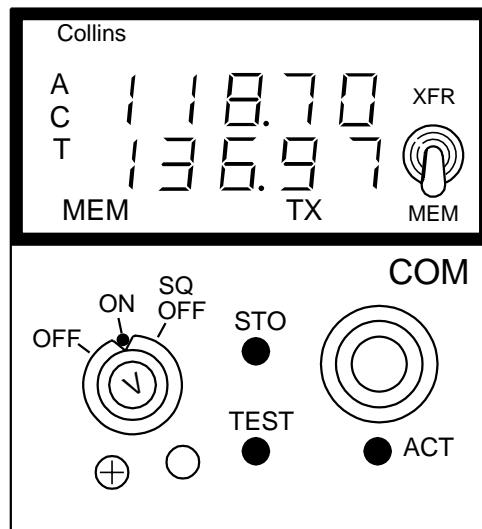


1 AIRCRAFT WITH VHF-3 CONTROL PANEL
INSTALLED ON CONTROL PEDESTAL

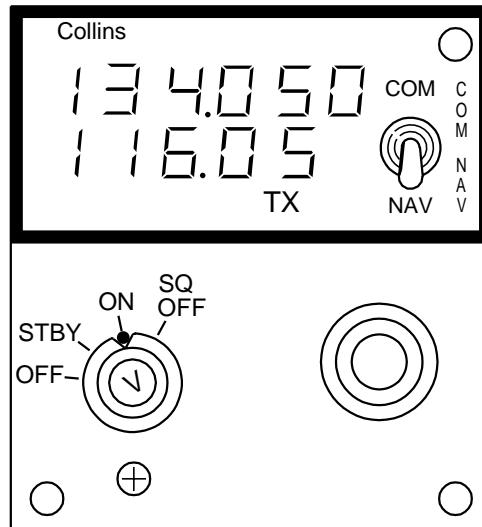
2 AIRCRAFT WITH VHF-3 CONTROL PANEL
INSTALLED ON MAIN INSTRUMENT PANEL

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EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS
VHF-3 (or VHF/NAV 3) Control Panel - Removal/Installation
Figure 401 - Sheet 2



DET. C
VHF-3 CONTROL PANEL



DET. C
VHF/NAV3 CONTROL PANEL
(AIRCRAFT UNDER CATIIa CONFIGURATION)

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TASK 23-12-01-400-801-A

EFFECTIVITY: AIRCRAFT WITH VHF-3 COLLINS

3. VHF-3 CONTROL PANEL - INSTALLATION

A. General

- (1) This task gives the procedures to install VHF-3 Control Panel CTL-22 or VHF/NAV 3 Control Panel CTL-23C (for aircraft under CATIIIa configuration).

B. References

REFERENCE	DESIGNATION
AMM TASK 23-12-00-700-803-A/500	VHF-3 - OPERATIONAL TEST
AMM TASK 23-12-00-700-804-A/500	VHF-3 (CATIIIA) - OPERATIONAL TEST

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	In the cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

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

- (1) Remove the protection caps from the electrical connector (3).
- (2) Hold the VHF-3 (or VHF/NAV 3) Control Panel (2) and connect the electrical connector (3).
- (3) Carefully install the VHF-3 (or VHF/NAV 3) Control Panel (2) in its installation position.
- (4) Install and tighten the three screws (1).



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J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
 - (a) VHF-3 (Location Tip: DC BUS 1/COMM).
 - (b) VOR/ILS 3 (Location Tip: DC BUS 1/CATIII) - (Aircraft under CATIIIa configuration).
- (2) Do the VHF-3 Operational Test ([AMM TASK 23-12-00-700-803-A/500](#)), or ([AMM TASK 23-12-00-700-804-A/500](#)) for aircraft under the CATIIIa configuration.

