



AIRCRAFT MAINTENANCE MANUAL

AC STATIC INVERTER - REMOVAL/INSTALLATION

EFFECTIVITY: FOR AIRCRAFT WITH AC STATIC INVERTER INSTALLED

1. General

- A. This section gives the procedures to remove/install the AC static inverter.
- B. The AC static inverter is on the left side of fuselage forward section I.
- C. You can get access to the AC static inverter through access panel 113AZ on the left side of the nose landing-gear wheelwell.
- D. 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
24-20-01-000-801-A	AC STATIC INVERTER - REMOVAL	FOR AIRCRAFT WITH AC STATIC INVERTER INSTALLED
24-20-01-400-801-A	AC STATIC INVERTER - INSTALLATION	FOR AIRCRAFT WITH AC STATIC INVERTER INSTALLED



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TASK 24-20-01-000-801-A

EFFECTIVITY: FOR AIRCRAFT WITH AC STATIC INVERTER INSTALLED

2. AC STATIC INVERTER - REMOVAL

A. General

- (1) This task gives the procedures to remove the AC static inverter.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
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	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113AZ	Fuselage forward section I

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	Fuselage forward section I

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the nose landing-gear safety pin ([AMM TASK 32-00-01-910-801-A/200](#)) is installed.
- (2) On aircraft 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](#)).



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- (3) On aircraft 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](#)).
- (4) Make sure that the GPU pushbutton, on the electrical panel, on the overhead panel, is set at OFF (The striped bar is off).
- (5) Attach a DO-NOT-SET-ON tag to the GPU pushbutton.
- (6) Make sure that the BATT 1 and BATT 2 switches, on the electrical panel, on the overhead panel, are set at OFF.
- (7) Attach a DO-NOT-SET-AUTO tag to the BATT 1 and BATT 2 switches.
- (8) Open access panel113AZ (AMM MPP 06-41-01/100).

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

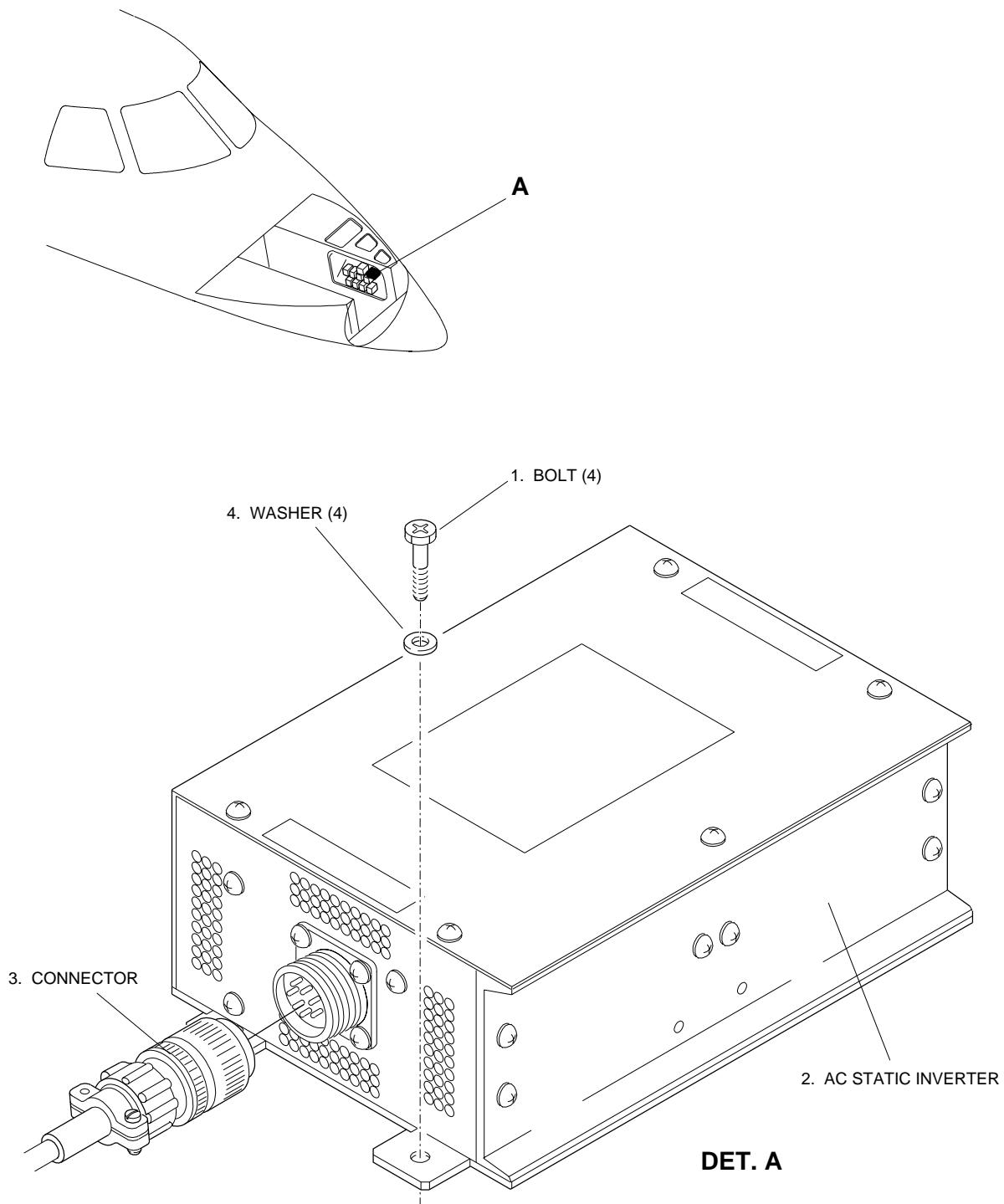
SUBTASK 020-002-A

- (1) Disconnect the connector (3) from the AC static inverter (2).
- (2) Remove the bolts (1) and washers (4).
- (3) Remove the AC static inverter (2) from the aircraft.

EFFECTIVITY: FOR AIRCRAFT WITH AC STATIC INVERTER INSTALLED

AC Static Inverter - Removal/Installation

Figure 401



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TASK 24-20-01-400-801-A

EFFECTIVITY: FOR AIRCRAFT WITH AC STATIC INVERTER INSTALLED

3. AC STATIC INVERTER - INSTALLATION

A. General

- (1) This task gives the procedure to install the AC static inverter.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 24-20-00-700-801-A/500	AC GENERATION SYSTEM - OPERATIONAL TEST
AMM TASK 24-20-01-700-801-A/500	AC STATIC INVERTER FAN - OPERATIONAL TEST
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	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113AZ	Fuselage forward section I

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	Fuselage forward section I

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the AC static inverter (2) in the aircraft.
- (2) Tighten the bolts (1) and washers (4).
- (3) Connect the connector (3) to the AC static inverter (2).



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J. Follow-on

SUBTASK 842-002-A

- (1) Remove the DO-NOT-SET-ON tag from the GPU pushbutton.
- (2) Remove the DO-NOT-SET-AUTO tag from the BATT 1 and BATT 2 switches.
- (3) Do the operational test of the AC Static Inverter Fan ([AMM TASK 24-20-01-700-801-A/500](#)).
- (4) Do the operational test of the AC Generation System ([AMM TASK 24-20-00-700-801-A/500](#)).
- (5) Close access panel 113AZ (AMM MPP 06-41-01/100).
- (6) On aircraft 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](#)).