



AIRCRAFT MAINTENANCE MANUAL

FAN - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. There are two recirculation fans (between frames 2 and 3) and two exhaust fans (between frames 5 and 6).
- B. The fans are symmetrically installed in the electronic compartment.
- 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
21-26-02-000-801-A	FAN - REMOVAL	ALL
21-26-02-400-801-A	FAN - INSTALLATION	ALL



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TASK 21-26-02-000-801-A

EFFECTIVITY: ALL

2. FAN - REMOVAL

A. General

- (1) This task gives the procedures to remove the recirculation and the exhaust fans.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Nose landing gear 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	Electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) On the overhead circuit breaker panel, open the following circuit breakers and attach a DO-NOT-CLOSE tag to each one of them, as applicable:
 - EXHAUST 1 (LH exhaust fan).
 - EXHAUST 2 (RH exhaust fan).
 - RECIRC 1 (LH recirculation fan).
 - RECIRC 2 (RH recirculation fan).
- (2) Open access panel 113CZ (AMM MPP 06-41-01/100).



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J. Removal of the Fans ([Figure 401](#)) ([Figure 402](#))

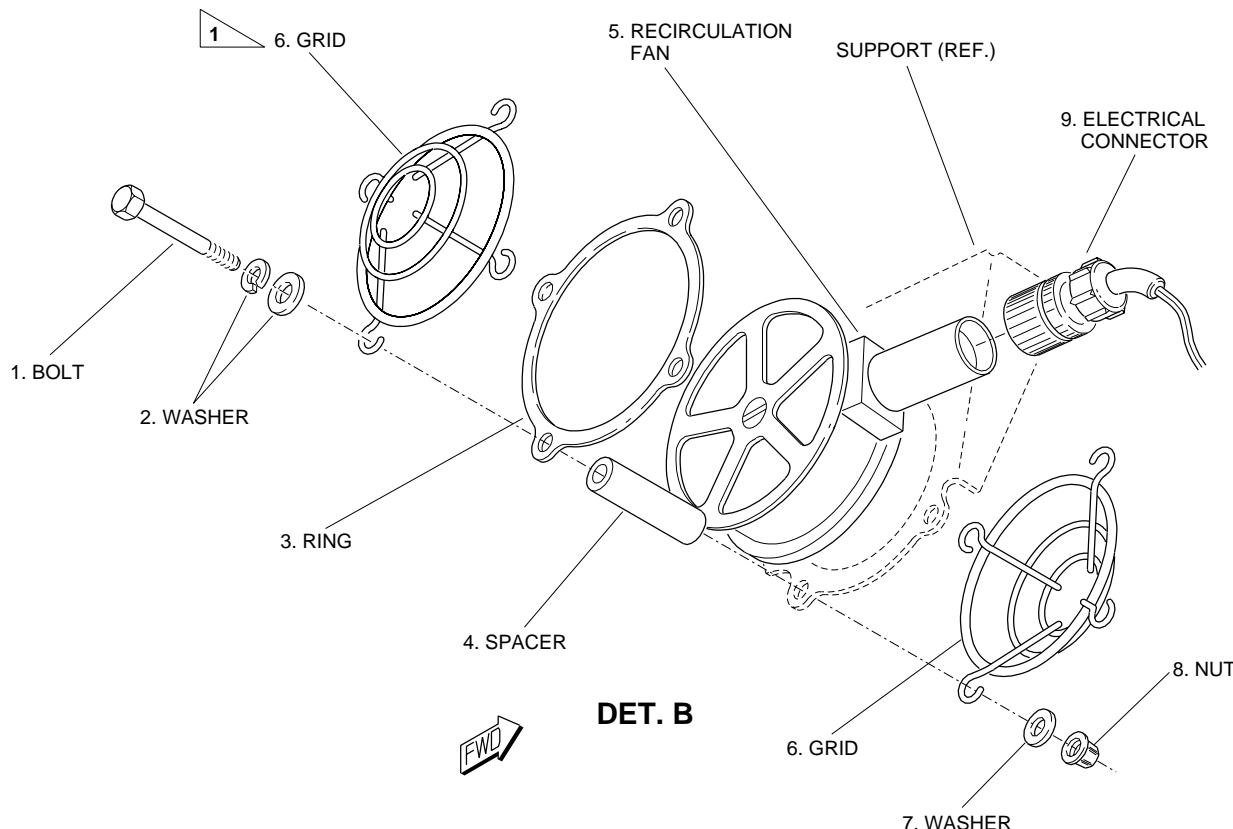
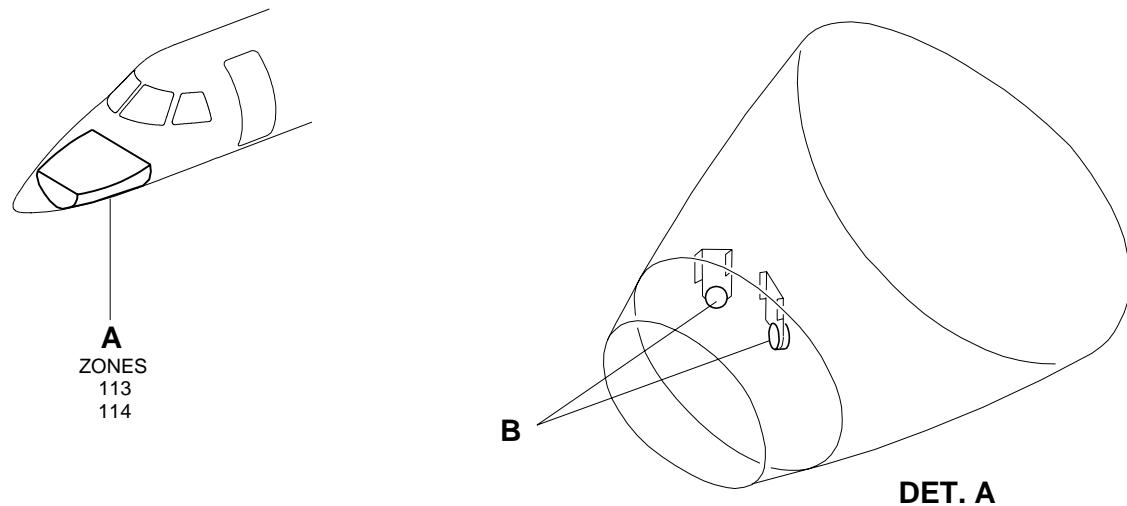
SUBTASK 020-002-A

- (1) Remove the recirculation fan ([Figure 401](#)) as follows:
 - (a) Disconnect the electrical connector (9).
 - (b) Remove the bolts (1), washers (2), ring (3), spacers (4), grid (6), washers (7), and nuts (8).
 - (c) Remove the recirculation fan (5).
- (2) Remove the exhaustion fan ([Figure 402](#)) as follows:
 - (a) Disconnect the electrical connector (6).
 - (b) Remove the bolts (5), washers (4), grid (3), ring (2), and spacers (1).
 - (c) Remove the exhaust fan (7).

EFFECTIVITY: ALL

Recirculation Fan – Removal/Installation

Figure 401



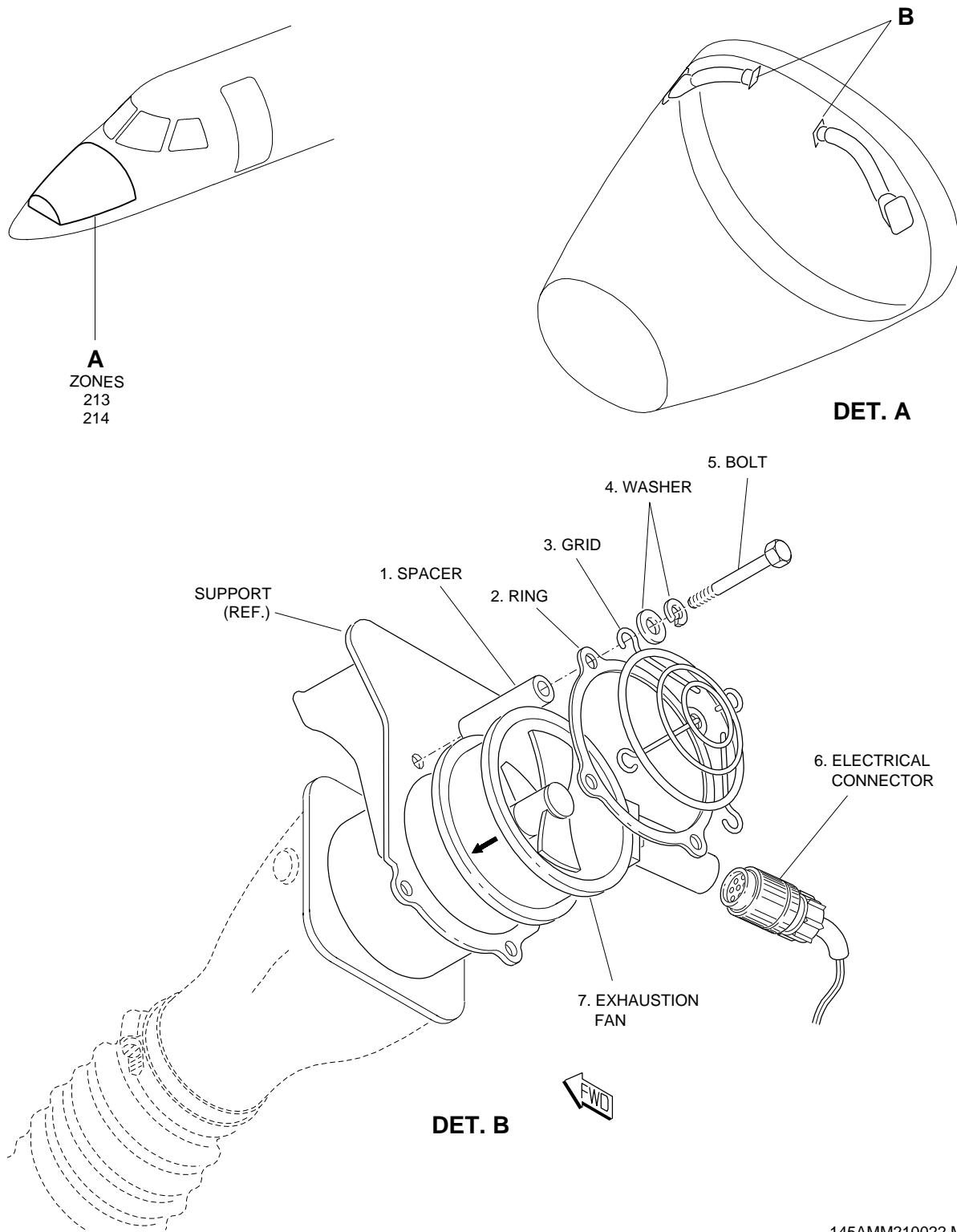
1 POST-MOD SB145-21-0004

145AMM210021.MCE B

EFFECTIVITY: ALL

Exhaust Fan – Removal/Installation

Figure 402



145AMM210022.MCE A



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TASK 21-26-02-400-801-A

EFFECTIVITY: ALL

3. FAN - INSTALLATION

A. General

- (1) This task gives the procedures to install the recirculation and the exhaust fans.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 21-26-00-700-801-A/500	ELECTRONIC COMPARTMENT VENTILATION SYSTEM - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Nose-landing-gear 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	Electronic compartment

I. Preparation

SUBTASK 841-003-A

- (1) Make sure that the following circuit breakers on the overhead circuit breaker panel are open and safe, as applicable:
- EXHAUST 1 (LH exhaust fan).
 - EXHAUST 2 (RH exhaust fan).
 - RECIRC 1 (LH recirculation fan).
 - RECIRC 2 (RH recirculation fan).



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J. Installation of the Fans (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) Install the recirculation fan (Figure 401) as follows:
 - (a) Put the recirculation fan (5) in the installation position.
 - (b) Install the bolts (1), washers (2), ring (3), spacers (4), grid (6), washer (7), and nut (8).
 - (c) Connect the electrical connector (9).
- (2) Install the exhaust fan (Figure 402) as follows:
 - (a) Put the exhaust fan (7) in the installation position.
 - (b) Install the bolts (5), washers (4), grid (3), ring (2), and spacers (1).
 - (c) Connect the electrical connector (6).

K. Follow-on

SUBTASK 842-002-A

- (1) On the overhead circuit breaker panel, close the following circuit breakers and remove the DO-NOT-CLOSE tag from them, as applicable:
 - EXHAUST 1 (LH exhaust fan).
 - EXHAUST 2 (RH exhaust fan).
 - RECIRC 1 (LH recirculation fan).
 - RECIRC 2 (RH recirculation fan).
- (2) Do the operational check of the electronic compartment ventilation system ([AMM TASK 21-26-00-700-801-A/500](#)).
- (3) Install access panel 113CZ (AMM MPP 06-41-01/100).

