

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 |

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).

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

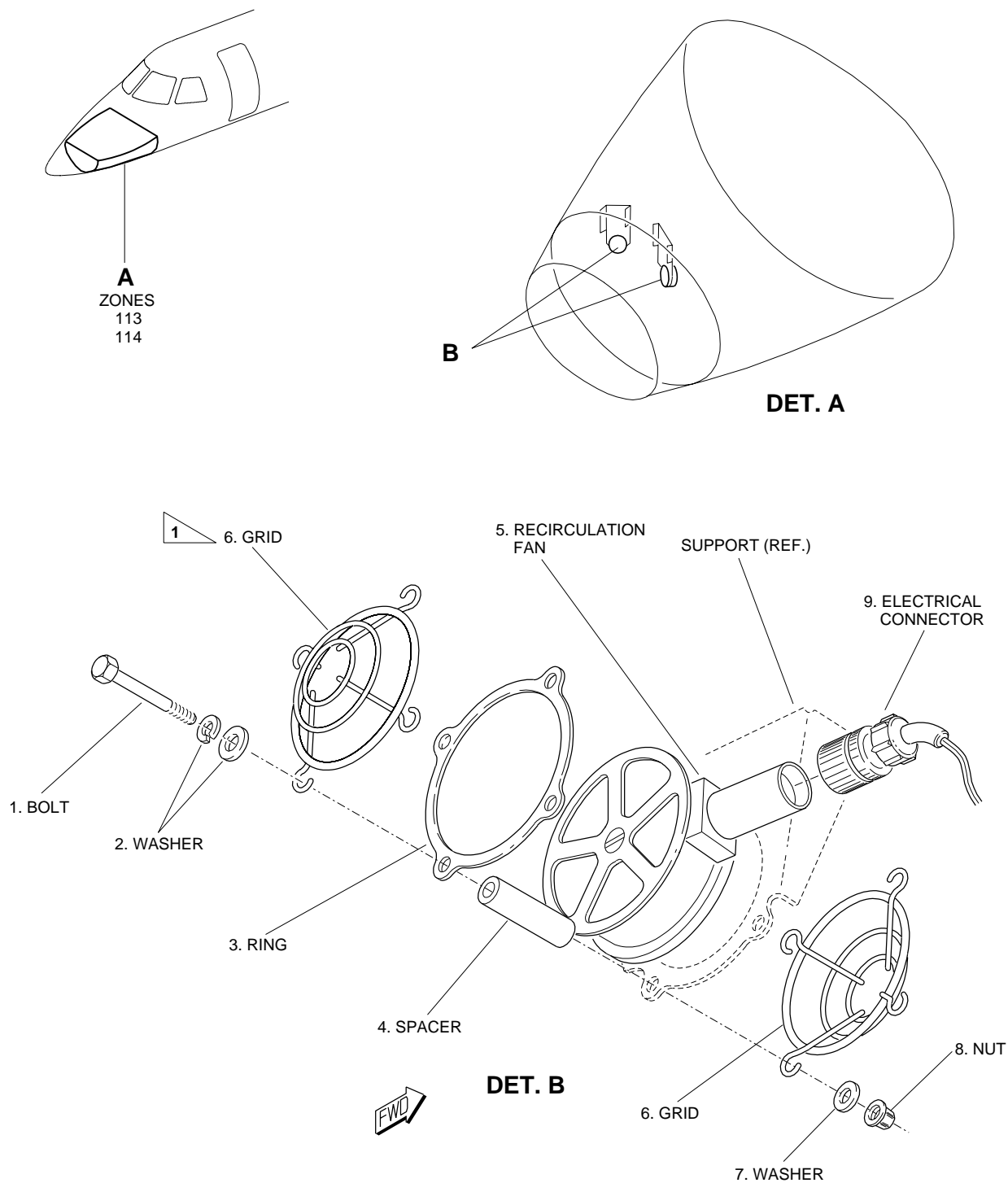
SUBTASK 020-002-A

- (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



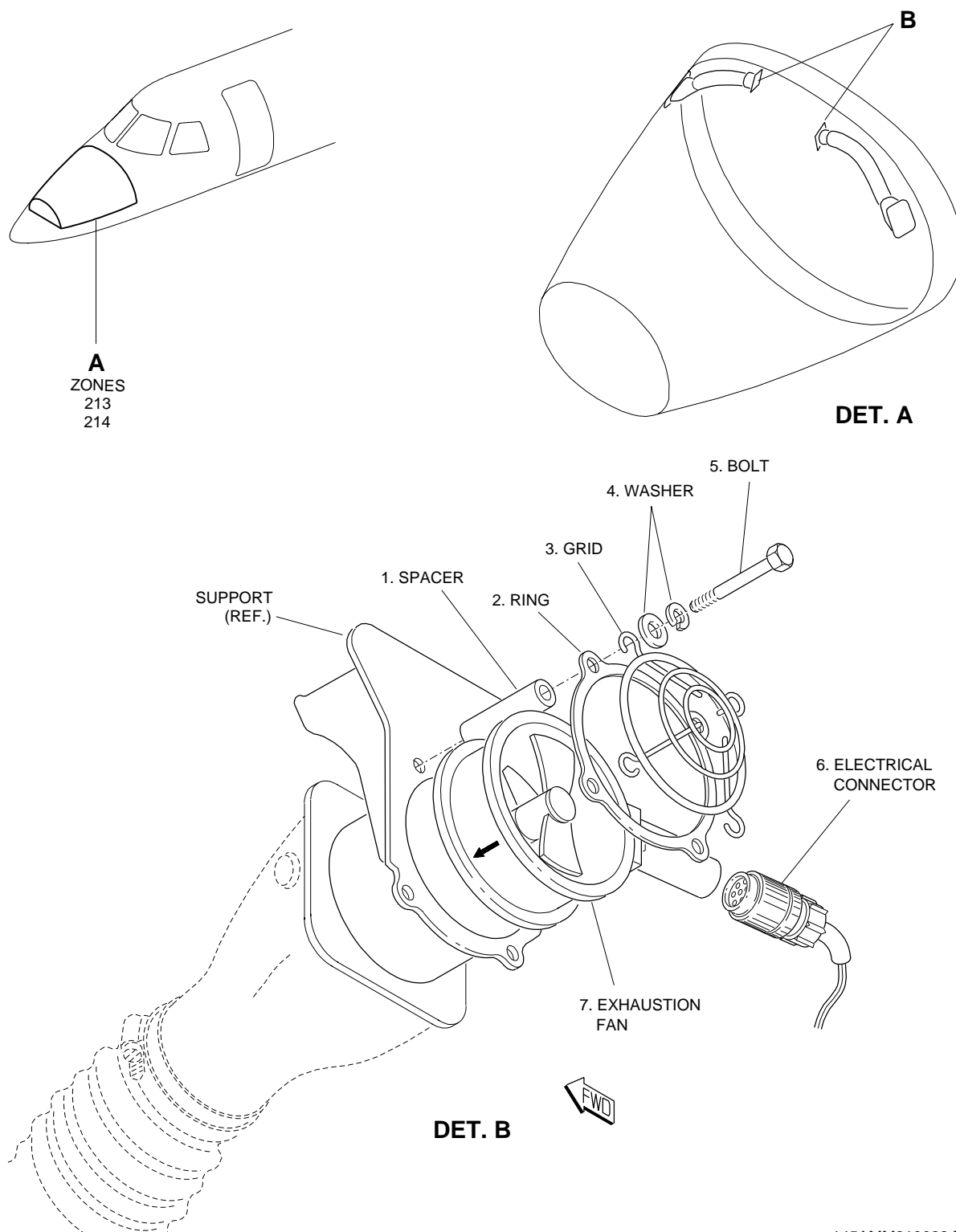
1 POST-MOD SB145-21-0004

145AMM210021.MCE B

EFFECTIVITY: ALL

Exhaust Fan – Removal/Installation

Figure 402



145AMM210022.MCE A

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).

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).

