



AIRCRAFT MAINTENANCE MANUAL

CHECK VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. The two check valves are installed to the forward electronic compartment exhaust hoses (between frames 5 and 6). The removal/installation procedures are applicable to the two check valves.
- 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 |
|--------------------|----------------------------|-------------|
| 21-26-06-000-801-A | CHECK VALVE - REMOVAL | ALL |
| 21-26-06-400-801-A | CHECK VALVE - INSTALLATION | ALL |



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TASK 21-26-06-000-801-A

EFFECTIVITY: ALL

2. CHECK VALVE - REMOVAL

A. General

- (1) This task gives the procedure to remove the check valve.

B. References

| REFERENCE | DESIGNATION |
|---|---------------|
| AMM MPP 06-41-01/100 | - |
| AMM TASK 21-26-02-000-801-A/400 | FAN - REMOVAL |
| SB145-21-0013 | - |

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 | Forward electronic compartment |

I. Preparation

SUBTASK 841-002-A

- (1) Open access panel 113CZ (AMM MPP 06-41-01/100).

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

SUBTASK 020-002-A

- (1) Remove the exhaust fan ([AMM TASK 21-26-02-000-801-A/400](#)).

- (2) Loosen the clamp (2) that attaches the check valve (1) to the exhaust hose (3) (on aircraft PRE-MOD [SB145-21-0013](#)) or to the reinforced exhaust hose (4) (on aircraft POST-MOD SB 145-21-0013).



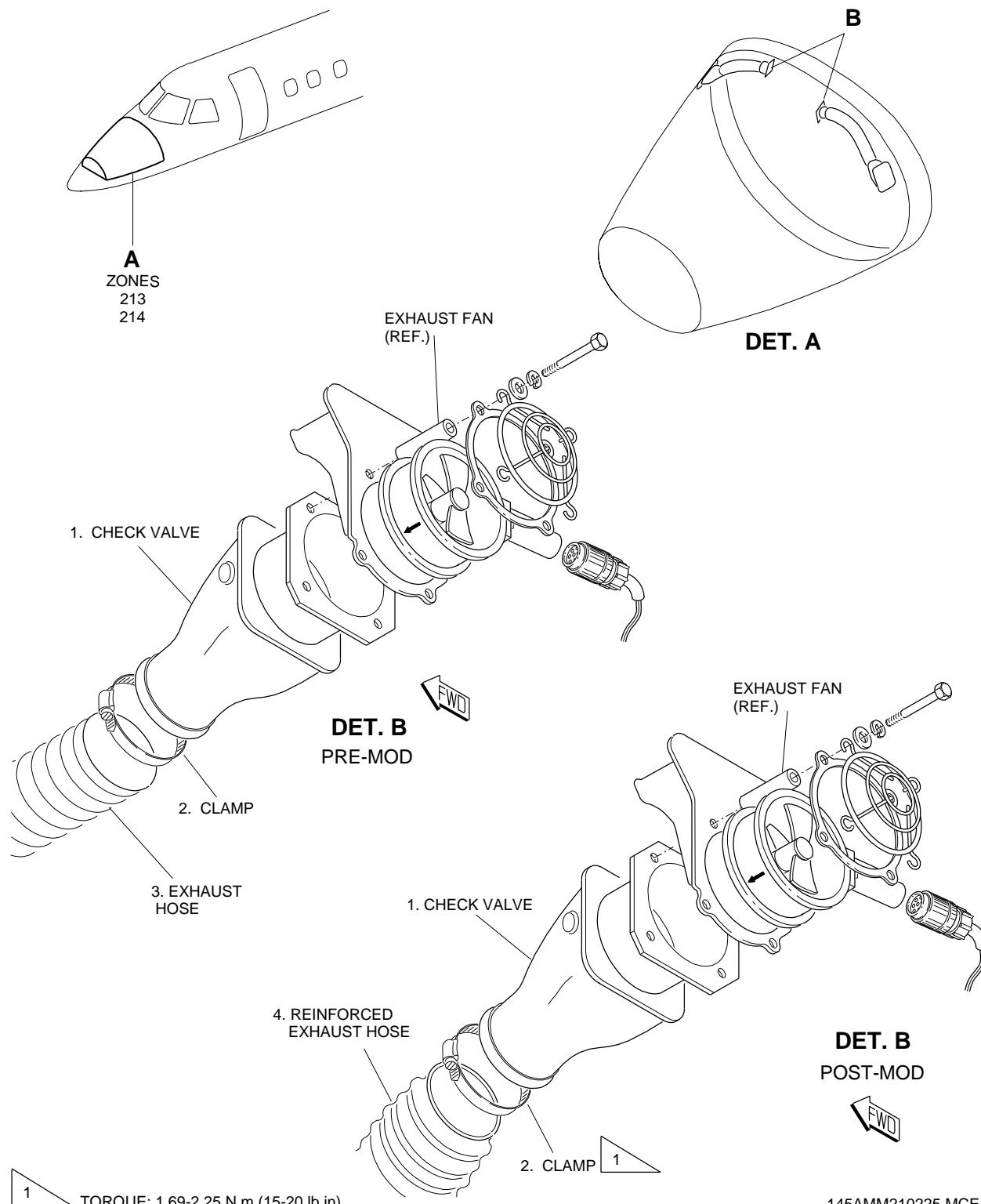
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-
- (3) Remove the check valve (1).

EFFECTIVITY: ALL

Check Valve - Removal/Installation

Figure 401



145AMM210225.MCE B



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TASK 21-26-06-400-801-A

EFFECTIVITY: ALL

3. CHECK VALVE - INSTALLATION

A. General

- (1) This task gives the procedure to install the check valve.

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 |
| AMM TASK 21-26-02-400-801-A/400 | FAN - INSTALLATION |
| SB145-21-0013 | - |

C. Zones and Accesses

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

D. Tools and Equipment

| ITEM | DESCRIPTION | PURPOSE | QTY |
|------------------------|---------------|----------------------|-----|
| Commercially available | Torque wrench | To tighten the clamp | |

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 | Forward electronic compartment |

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the check valve (1) in the installation position.
- (2) On aircraft PRE-MOD SB145-21-0013, tighten the clamp (2) which attaches the exhaust hose (3) to the check valve (1).



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(3) On aircraft POST-MOD [SB145-21-0013](#), tighten the clamp (2) which attaches the reinforced exhaust hose (4) to the check valve (1) with a torque of 1.69-2.25 N.m (15-20 lb.in).

(4) Install the exhaust fan ([AMM TASK 21-26-02-400-801-A/400](#)).

J. Follow-on

SUBTASK 842-002-A

(1) Do [AMM TASK 21-26-00-700-801-A/500](#).

(2) Close access panel 113CZ (AMM MPP 06-41-01/100).