

ATA AIRLINES, INC.

RECIRCULATION FAN HEPA FILTER(S)

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CHECK BEING PERFORMED: Custom

ZONES: 100
A/C NUMBER:
REV. DATE: 01/23/06
FREQUENCY: 1C

W/C NUMBER: 311R2101 DATE:

MFR P/N	DESCRIPTION	QTY
P513753	Filter, Air	2

TOOLS	DESCRIPTION	QTY
8210	Dust & Mist Mask	A/R
T5337	Vinyl Gloves	A/R

PANELS

821
S1201

REFERENCES

Figures 1-2; AMM 21-25-01, 25-52-17

MECH INSP

| MPD Item: 21-010-00

REPLACE THE RECIRCULATION FAN HEPA FILTERS.

1. Recirculation Air Filter Removal (Figures 1, 2).

_____ XXXXX A. Prepare for the Removal

- (1) Put the L RECIRC FAN and the R RECIRC FAN switches, on the P5-10 panel, to the OFF position.
- (2) Open the forward cargo compartment door.
- (3) Remove the left and right aft bulkhead liners in the forward cargo compartment. To remove the liners, do this task: Forward Cargo Compartment Aft Bulkhead Liner Removal (AMM TASK 25-52-17-000-801 p401).

B. Recirculation Air Filter Removal

WARNING: THE HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER CLEANS AIRCRAFT CABIN AIR OF TOBACCO SMOKE, ODOR, DUST, LINT, POLLEN, BACTERIA AND HARMFUL GASES (OZONE AND VARIOUS VOLATILE ORGANIC COMPOUNDS) AND REMOVES PARTICULATE AND CHEMICAL CONTAMINANTS FROM THE AIRCRAFT. USE PROTECTIVE CLOTHING, DUST MASK AND VINYL GLOVES WHEN REMOVING HEPA FILTERS.

_____ XXXXX (1) Remove the left recirculation air filter as follows:

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- (a) Remove the two screws [6] from the retainer [7] on the filter support.
- (b) Remove the retainer [7] from the filter support.
- (c) Remove the recirculation air filter [3] from the recirculation fan filter housing [8].

_____ XXXXX (2) Remove the right recirculation air filter as follows:

- (a) Release the quarter-turn fasteners [1] which attach the access panel [2] to the filter support.
- (b) Remove the access panel [2].
- (c) Remove the recirculation air filter [3] from the recirculation fan filter housing [4].

2. Recirculation Air Filter Installation (Figures 1, 2).

A. Recirculation Air Filter Installation

_____ XXXXX (1) Install the left recirculation air filter as follows:

- (a) Make sure there is no unwanted material or contamination in the recirculation fan filter housing [8] which could cause damage to the recirculation fan.
- (b) Put the recirculation air filter [3] in the recirculation fan filter housing [8].
- (c) Hold the retainer [7] in its position on the filter support.
- (d) Install the two screws [6] for the retainer [7] on the filter support.

_____ XXXXX (2) Install the right recirculation air filter as follows:

- (a) Make sure there is no unwanted material or contamination in the recirculation fan filter housing

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[4] which could cause damage to the recirculation fan.

(b) Put the recirculation air filter [3] in the recirculation fan filter housing [4].

(c) Put the access panel [2] in position and turn the quarter-turn fasteners [1] to secure the access panel [2] to the fan filter housing [4].

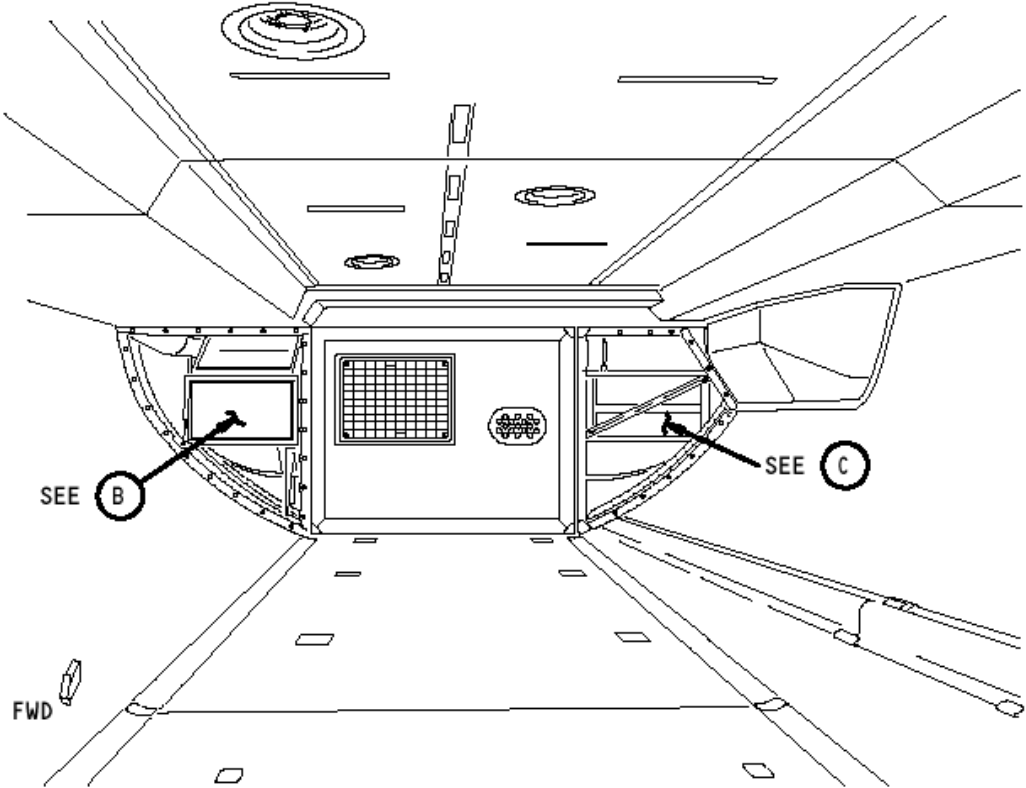
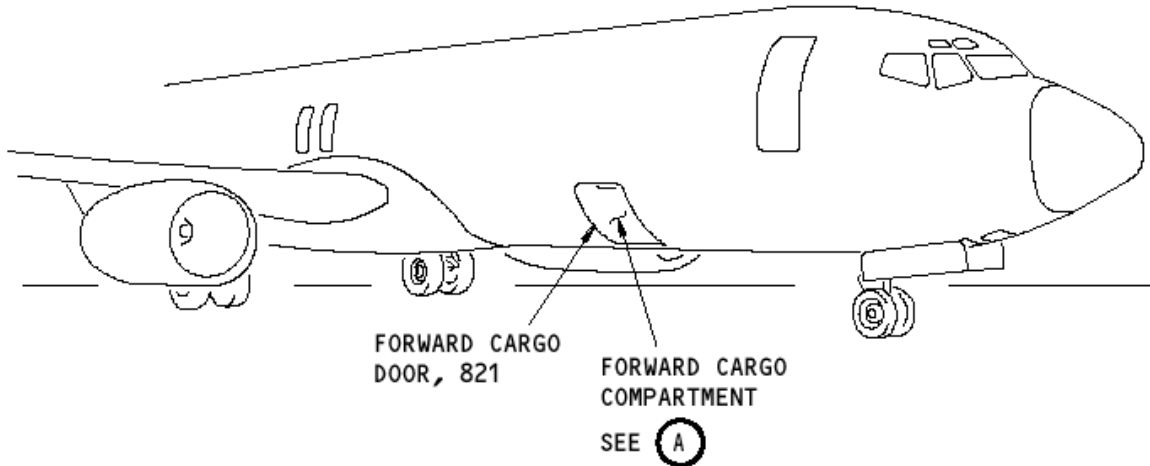
_____ XXXXX C. Put the Airplane Back to Its Usual Condition.

(1) Install the left and right aft bulkhead liners in the forward cargo compartment. To install the liners, do this task: Forward Cargo Compartment Aft Bulkhead Liner Installation (AMM TASK 25-52-17-400-801 p401).

(2) Close the forward cargo compartment door.

(3) Put the RECIRC FAN switches in the AUTO position.

*****END OF WORKCARD*****



FORWARD CARGO COMPARTMENT
(LEFT AND RIGHT AFT BULKHEAD LINER REMOVED)

(A)

