

SERVICE DOOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the folding flap of the service door.
- 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
52-43-03-000-801-A	SERVICE DOOR FOLDING FLAP - REMOVAL	ALL
52-43-03-400-801-A	SERVICE DOOR FOLDING FLAP - INSTALLATION	ALL

TASK 52-43-03-000-801-A

EFFECTIVITY: ALL

2. SERVICE DOOR FOLDING FLAP - REMOVAL

A. General

(1) This procedure gives the instructions to remove the folding flap of the service door.

B. References

REFERENCE	DESIGNATION
AMM 52-43-00	-
AMM MPP 06-45-00/100	- COMPONENT LOCATION
AMM TASK 52-43-04-000-801-A/400	SERVICE-DOOR RUBBER-TRIM SEAL - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
821		Service door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To remove the screws	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Service door
1	Helps the other technician	Service door

I. Preparation

SUBTASK 841-002-A

- (1) Open the service door (AMM 52-43-00).
- (2) Remove lining panel 821CW ([AMM MPP 06-45-00/100](#)).
- (3) Remove the rubber-trim seal from the contour of the folding flap ([AMM TASK 52-43-04-000-801-A/400](#)).

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

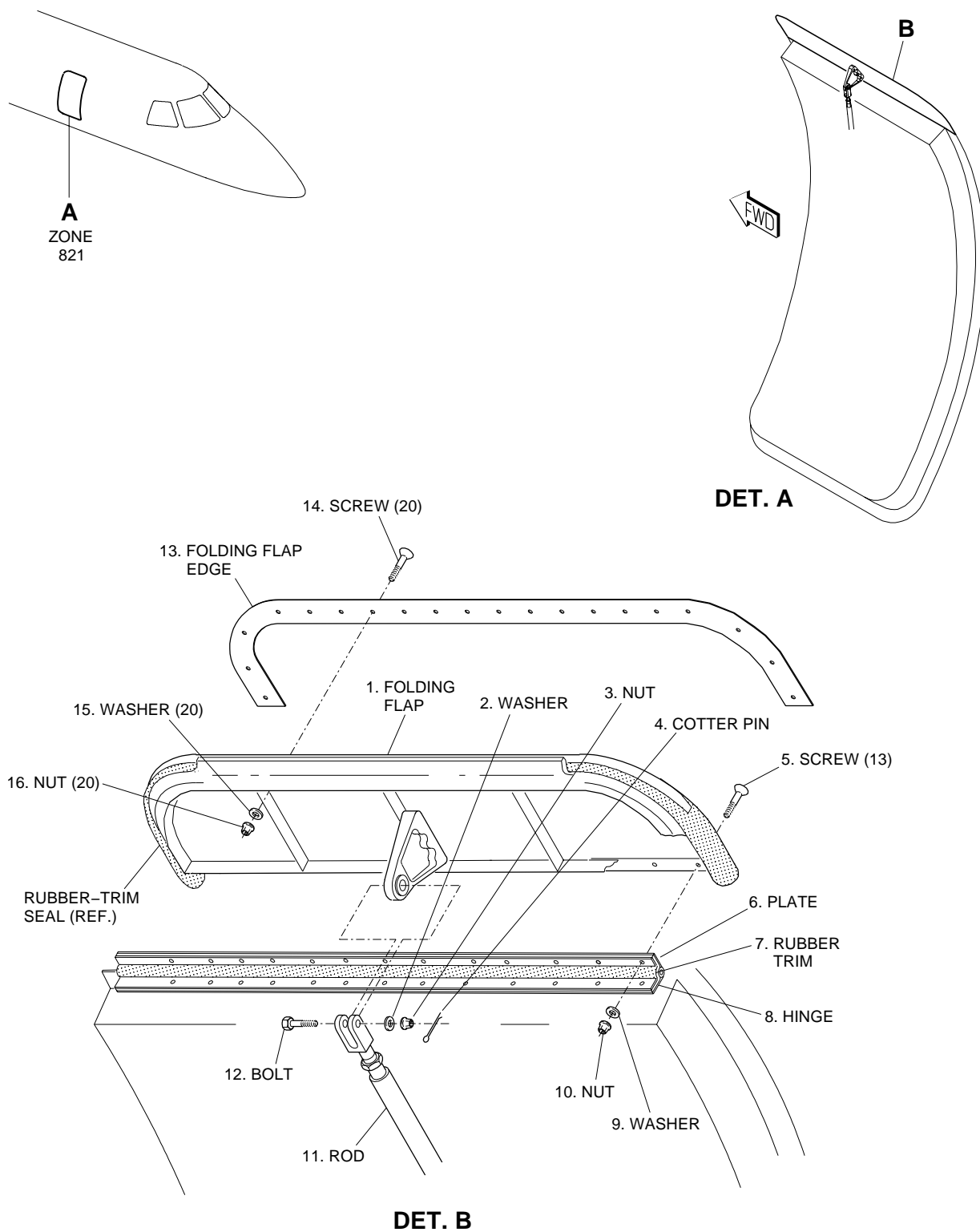
SUBTASK 020-002-A

- (1) Remove the cotter pin (4), nut (3), washer (2), and bolt (12) to disconnect the rod (11) end from the support at the folding flap (1).
- (2) Remove the nuts (10), washers (9), and screws (5) (13 positions) that attach the folding flap (1) to the hinge (8).
- (3) Remove the plate (6) and the rubber trim (7).
- (4) Remove the folding flap (1).
- (5) If necessary, remove the folding flap edge (13) as follows:
 - (a) Support the folding flap (1) on a bench.
 - (b) Remove the nuts (16), washers (15), and screws (14) (20 positions) that attach the folding flap edge (13) to the folding flap (1).

EFFECTIVITY: ALL

Folding Flap - Removal/Installation

Figure 401



EM145AMM520112B.DGN

TASK 52-43-03-400-801-A
EFFECTIVITY: ALL

3. SERVICE DOOR FOLDING FLAP - INSTALLATION

A. General

(1) This procedure gives the instructions to install the folding flap of the service door.

B. References

REFERENCE	DESIGNATION
52-43-00	-
AMM 52-43-00	-
AMM MPP 06-45-00/100	- COMPONENT LOCATION
AMM MPP 20-10-01/200	- MAINTENANCE PRACTICES
AMM TASK 52-43-04-400-801-A/400	SERVICE-DOOR RUBBER-TRIM SEAL - INSTALLATION
AMM TASK 52-43-06-700-801-A/500	SERVICE-DOOR ACTUATING AND LOCKING MECHANISM - FUNCTIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
821		Service door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To install the screws	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Service Door Parts	52-43-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Service door
1	Helps the other technician	Service door

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the folding flap (1) on the hinge (8).
- (2) Put the rubber trim (7) and the plate (6) on the folding flap (1) at the hinge (8).
- (3) Install the screws (5), washers (9), and nuts (10) (13 positions) to attach the folding flap (1) to the hinge (8).
NOTE: For torque, refer to ([AMM MPP 20-10-01/200](#)).
- (4) Connect the rod (11) end to the support at the folding flap (1) and attach it with the bolt (12), washer (2), nut (3) and new cotter pin (4).
- (5) Install the rubber-trim seal on the contour of the folding flap ([AMM TASK 52-43-04-400-801-A/400](#)).
- (6) If applicable, install the folding flap edge (13) as follows:
 - (a) Put the folding flap edge in position.
 - (b) Install a minimum of three screws (14) and measure the gaps. Refer to [AMM TASK 52-43-06-700-801-A/500](#).
 - (c) Install the remaining screws (14).
- (7) Do a check of the service door-to-fuselage skin step, as given in [AMM TASK 52-43-06-700-801-A/500](#), at points 11, 12 and 13.

J. Follow-on

SUBTASK 842-002-A

- (1) Do an operational check of the service door.
- (2) If necessary, adjust the actuation and locking mechanism of the service door ([AMM TASK 52-43-06-700-801-A/500](#)).
- (3) Install lining panel 821CW ([AMM MPP 06-45-00/100](#)).
- (4) Close the service door (AMM 52-43-00).