

PACK VALVE - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to clean pack valve.
- 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
21-51-01-100-801-A ◆	PACK-VALVE AIR FILTER - CLEANING BY ALL ULTRASONIC METHOD	
21-51-01-100-802-A	PACK-VALVE AIR FILTER - CLEANING BY ALL AIR BLAST METHOD	

TASK 21-51-01-100-801-A

EFFECTIVITY: ALL

2. PACK-VALVE AIR FILTER - CLEANING BY ULTRASONIC METHOD

A. General

(1) The procedure to clean the pack-valve air filter is in CMM 21-32-21 of Hamilton Standard.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 21-51-01-000-802-A/400	FILTER - REMOVAL
AMM TASK 21-51-01-400-802-A/400	FILTER - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	191KL	Left side of the wing-to-fuselage fairing
191	191LR	Right side of the wing-to-fuselage fairing

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	In the wing-to-fuselage fairing

I. Preparation

SUBTASK 841-002-A

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Open the access door (AMM MPP 06-41-01/100), as applicable:
 - 191KL (LH pack valve).
 - 191LR (RH pack valve).

WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

(3) Remove the pack valve filter ([AMM TASK 21-51-01-000-802-A/400](#)).

J. Clean Pack Valve Filter Using Ultrasonic Method ([Figure 701](#))

SUBTASK 130-002-A

(1) To do the procedure, refer to CMM 21-32-21 by Hamilton Standard in the latest revision.

K. Follow-on

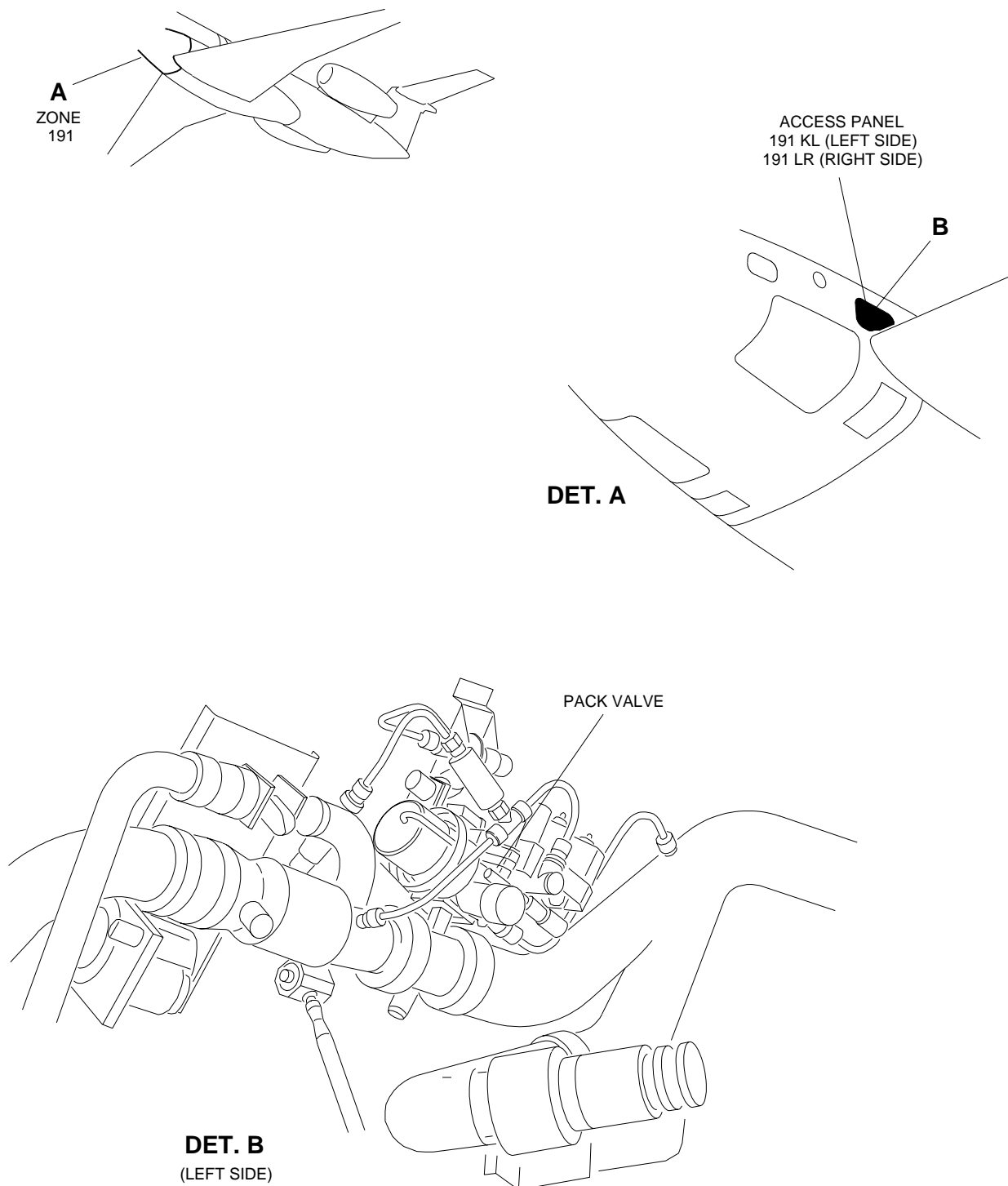
SUBTASK 842-002-A

(1) Install the pack valve filter ([AMM TASK 21-51-01-400-802-A/400](#)).

(2) Close the access door (AMM MPP 06-41-01/100), as applicable:

- 191KL (LH pack valve).
- 191LR (RH pack valve).

EFFECTIVITY: ALL
Pack Valve Location
Figure 701



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TASK 21-51-01-100-802-A

EFFECTIVITY: ALL

3. PACK-VALVE AIR FILTER - CLEANING BY AIR BLAST METHOD

A. General

(1) The pack valves are installed in the LH/RH side of the wing-to-fuselage fairing.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 21-51-01-000-801-A/400	PACK VALVE - REMOVAL
AMM TASK 21-51-01-400-801-A/400	PACK VALVE - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	191KL	Left side of the wing-to-fuselage fairing
191	191LR	Right side of the wing-to-fuselage fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Goggles	For protection of your eyes	1
Commercially available	Gloves	For protection of your hands	1
Locally available	Source of dry and filtered compressed air	To blow and dry	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Electro 140	Contact Cleaner, LPS	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the wing-to-fuselage fairing

I. Preparation

SUBTASK 841-003-A

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Open the access door (AMM MPP 06-41-01/100), as applicable:
 - 191KL (LH pack valve).
 - 191LR (RH pack valve).

WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

- (3) Remove the pack valve filter ([AMM TASK 21-51-01-000-801-A/400](#)).

J. Clean Pack-Valve Air Filter by Air Blast Method ([Figure 702](#))

SUBTASK 170-002-A

WARNING: USE EYE AND HAND PROTECTION WHEN YOU USE AN AIR SOURCE TO CLEAN. CONTAMINANTS CAN BECOME AIRBORNE AND CAUSE INJURY TO YOUR EYES AND HANDS.

- (1) Blow air at 25 psi maximum pressure from a regulated source of air to remove heavy contaminants.
- (2) Spray the pack valve filter with an electro-contact cleaning solution.
- (3) To remove the residual cleaning solution, let the filter air-dry or blow on it with a 25 psi maximum pressure from the air source.

K. Follow-on

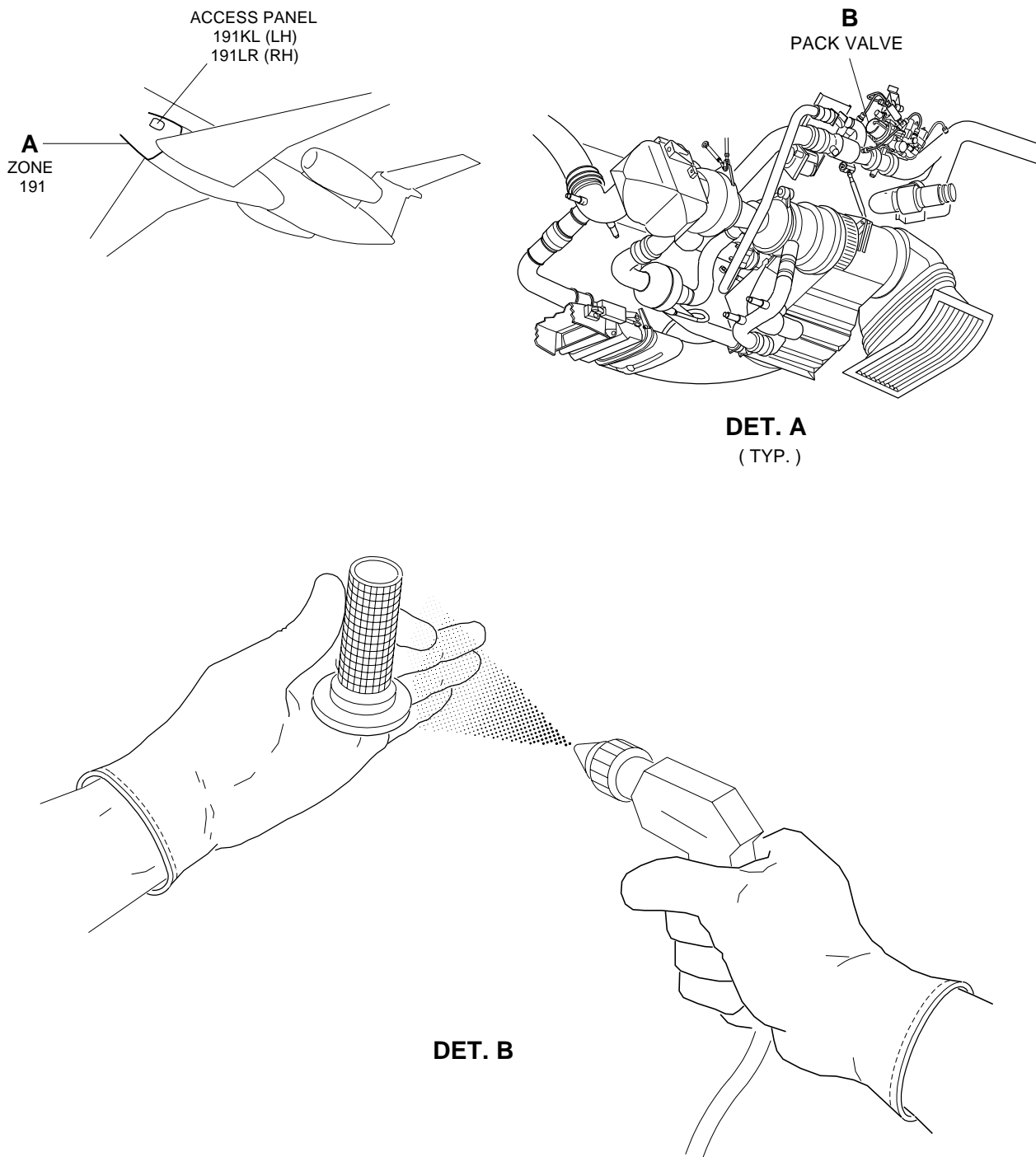
SUBTASK 842-003-A

- (1) Install the pack valve air filter ([AMM TASK 21-51-01-400-801-A/400](#)).
- (2) Close the access door (AMM MPP 06-41-01/100), as applicable:
 - 191KL (LH pack valve).
 - 191LR (RH pack valve).

EFFECTIVITY: ALL

Pack Valve Filter - Cleaning

Figure 702



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