

**** ON A/C ALL**

TASK 21-26-53-400-001-A Installation of the Skin Air Outlet-Valve

FIN : 22HQ

1. Reason for the Job

Self explanatory

2. Job Set-up Information

A. Fixtures, Tools, Test and Support Equipment

REFERENCE	QTY	DESIGNATION
No specific	1	ACCESS PLATFORM 2M (6 FT) - ADJUSTABLE

B. Consumable Materials

REFERENCE	DESIGNATION
(Material No. 06AEB2)	Polysulfide Sealant-Low Adhesion Fillet Structure
(Material No. 08BAA9)	Non Aqueous Cleaner-General - -

C. Work Zones and Access Panels

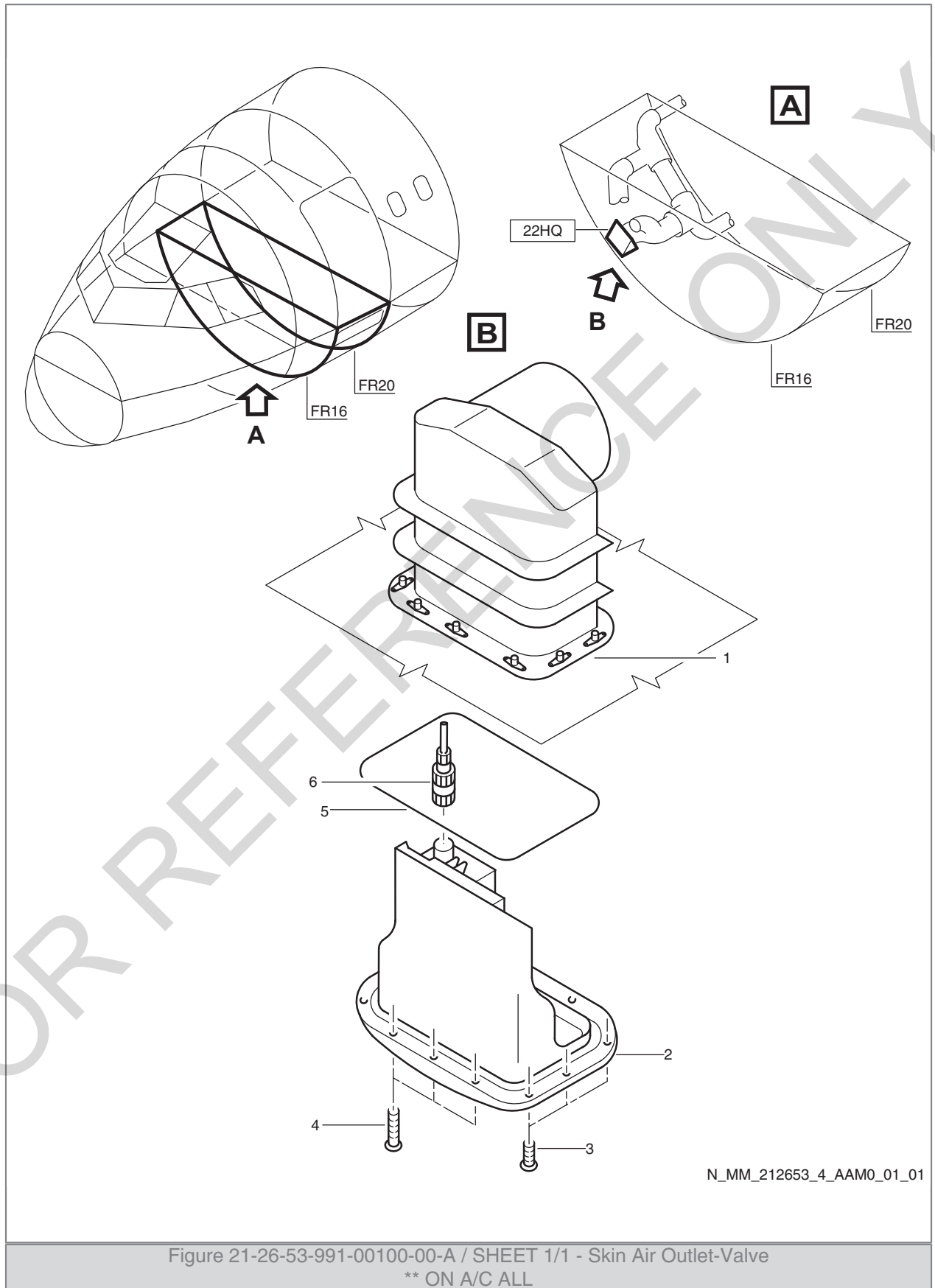
ZONE/ACCESS	ZONE DESCRIPTION
126	LATERAL AVIONIC COMPARTMENT

D. Expendable Parts

FIG.ITEM	DESIGNATION	IPC-CSN
5	O-ring	21-26-01-15-030
5	O-ring	21-26-81-15-030

E. Referenced Information

REFERENCE	DESIGNATION
(Ref. 20-28-00-912-004-A).	Electrical Bonding of Components With Conductive Bolts and Screws and Bonding Straps in the Fuselage and in the Wings (this does not include the tanks)
(Ref. 21-26-00-710-001-A).	Operational Check of the Avionics Equipment Ventilation-System via MCDU
(Ref. 21-26-00-710-001-A-01).	Operational Check of the Avionics Equipment Ventilation (without the CFDS)
(Ref. 24-42-00-861-001-A).	Energize the Ground Service Network from the External Power
(Ref. 24-42-00-862-001-A).	De-energize the Ground Service Network Supplied from the External Power
Skin Air Outlet-Valve SHEET 1	



CAUTION: USE ONLY THE GROUND SERVICE NETWORK TO SUPPLY ELECTRICITY BECAUSE THE AVIONICS VENTILATION SYSTEM IS NOT SERVICEABLE. IF YOU ENERGIZE THE AIRCRAFT ELECTRICAL CIRCUITS WITHOUT THE VENTILATION SYSTEM YOU WILL CAUSE DAMAGE TO ELECTRICAL EQUIPMENT.

3. Job Set-up

Subtask 21-26-53-860-050-A

A. Aircraft Maintenance Configuration

- (1) Make sure that the ground service network is energized (Ref. AMM TASK 24-42-00-861-001) .
- (2) Make sure that the ACCESS PLATFORM 2M (6 FT) - ADJUSTABLE is in position on the right side of the aircraft, below the valve.

Subtask 21-26-53-865-051-A

B. Make sure that this(these) circuit breaker(s) is(are) open, safetied and tagged:

PANEL	DESIGNATION	FIN	LOCATION
49VU	AIR COND/AVNCS VENT/CTL	6HQ	D06

4. Procedure

(Ref. Fig. Skin Air Outlet-Valve SHEET 1)

Subtask 21-26-53-420-051-A

A. Installation of the Skin Air Outlet-Valve

- (1) Do an inspection of the component interfaces and the adjacent area.
- (2) Application of sealants

WARNING: BE CAREFUL WHEN YOU USE THE CONSUMABLE MATERIAL(S). YOU MUST OBEY THE OPERATOR'S AND MANUFACTURER'S HEALTH AND SAFETY INSTRUCTIONS.

- (a) Apply Polysulfide Sealant-Low Adhesion Fillet Structure (Material No. 06AEB2) to the mating surfaces of the structure (1) and valve (2).

- 1 Make sure that you also apply Polysulfide Sealant-Low Adhesion Fillet Structure (Material No. 06AEB2) into the peripheral clearance between the edge of the valve and the aircraft skin.

NOTE: It is necessary to fully fill the space around the valve between the aircraft skin and the valve. To do this, you must apply a sufficient quantity of sealant before you install the valve.

NOTE: The sealant must be new and you must not wait for the sealant to cure before you install the skin air-outlet valve.

NOTE: The sealant must not be tacky at the aircraft dispatch. The Technical Data Sheet of the sealant gives the time you must wait until the sealant is no longer tacky.

- (3) Install the new IPC -CSN (21-26-01-15-030) O-ring (5) or IPC -CSN (21-26-81-15-030) O-ring (5) in the groove of the valve (2).
- (4) Remove the blanking plug from the air outlet.

- (5) Remove the CAP-BLANKING from each electrical connector and receptacle.
- (6) Make sure that all the electrical connections are clean and in the correct condition.
- (7) Connect the electrical connector (6).
- (8) Install the valve (2).
- (9) Install the screws (3) and (4) and tighten.
- (10) Remove the unwanted Polysulfide Sealant-Low Adhesion Fillet Structure (Material No. 06AEB2) with Non Aqueous Cleaner-General - - (Material No. 08BAA9) and make the surface smooth.
- (11) Do the bonding with the screw at the top and the screw at the bottom (Ref. AMM TASK 20-28-00-912-004) .
- (12) Make sure that Deactivation switch is in "ON" position.

Subtask 21-26-53-865-052-A

B. Remove the safety clip(s) and the tag(s) and close this(these) circuit breaker(s):

PANEL	DESIGNATION	FIN	LOCATION
49VU	AIR COND/AVNCS VENT/CTL	6HQ	D06

Subtask 21-26-53-710-050-A

C. Do an operational test of the ventilation system of the avionics equipment (Ref. AMM TASK 21-26-00-710-001) .

NOTE: As an alternative procedure, you can do this operational test without the CFDS.

5. Close-up

Subtask 21-26-53-942-050-A

A. Close Access

- (1) Make sure that the work area is clean and clear of tools and other items.
- (2) Remove the access platform(s).

Subtask 21-26-53-862-051-A

B. De-energize the ground service network
(Ref. AMM TASK 24-42-00-862-001) .

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