



Customer : CFG	Manual: TSM
Type : A318/A319/A320/A321	Selected effectivity: ALL
Rev. Date : Aug 01/12	
21-00-00-810-801-A - Oil in the Air Conditioning System	

Fault Symptoms

** ON A/C ALL		21-00-00-810-801-A
Warnings/malfunctions		
ATA	Message	
< 21-00	SMELL OF OIL	

Isolation Procedure

** ON A/C ALL

TASK 21-00-00-810-801-A
Oil in the Air Conditioning System

1. Possible Causes
 - external oil leakage
 - engine(s)
2. Job Set-up Information

A. Referenced Information

REFERENCE	DESIGNATION
** ON A/C 001-001, 003-099, 101-199 49-00-00-810-921-A	Fumes in the Cabin/Oil Smoke at the APU Exhaust (APS 3200)
** ON A/C 201-300 49-00-81-810-874-A	Fumes in the Cabin/Oil Smoke at the APU Exhaust (131-9(A))
** ON A/C ALL 71-00-00-810-802-A	Smoke and/or Oil Smell in the Cabin
AMM 21-00-00-615-001	Decontamination of the Environmental Control System (ECS) when the Temperature is below 24 deg.C (APU)
AMM 21-00-00-615-002	Decontamination of the Environmental Control System (ECS) when the Temperature is above 24 deg.C (APU)
AMM 49-11-11-000-001	Removal of the Auxiliary Power Unit (APU) (GTCP 36-300)
AMM 49-11-11-000-003	Removal of the Power Plant (APU) (APS 3200)
AMM 49-11-11-000-004	Removal of the Power Plant (APU) (131-9(A))
AMM 49-11-11-400-001	Installation of the Auxiliary Power Unit (APU) (GTCP 36-300)
AMM 49-11-11-400-003	Installation of the Power Plant (APU) (APS 3200)
AMM 49-11-11-400-004	Installation of the Power Plant (APU) (131-9(A))

3. Fault Confirmation

Subtask 21-00-00-710-052-A

- A. If there was (is) a smell of oil in the cabin remove the APU bleed-air duct-elbow forward of the bleed control valve,
 - for GTCP 36-300 AMM 49-11-11-000-001
 - for APS 3200 APU AMM 49-11-11-000-003
 - for 131-9(A) AMM 49-11-11-000-004.

4. Fault Isolation

Subtask 21-00-00-810-053-A

- A. If there is oil in the APU bleed -air duct-elbow:
 - do a check for external oil leaks of the APU.

(1) If there is an external oil leakage :



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- do the necessary steps to stop the external oil leakage,
 - clean and install the APU bleed-air duct-elbow,
 - for GTCP 36-300 AMM 49-11-11-400-001
 - for APS 3200 APU AMM 49-11-11-400-003
 - for 131-9(A) AMM 49-11-11-400-004
 - do the trouble shooting of the APU
 - for GTCP 36-300 (Ref. TSM TASK 49-00-00-810-846)
 - for APS 3200 APU (Ref. TSM 49-00-00-810-921)
 - for 131-9(A) (Ref. TSM 49-00-81-810-874)
 - do the decontamination of the ECS AMM 21-00-00-615-001 or AMM 21-00-00-615-002.
- (2) If there are no external oil leaks:
- clean the APU bleed-air duct-elbow,
 - install the APU bleed-air duct elbow,
 - for GTCP 36-300 AMM 49-11-11-400-001
 - for APS 3200 APU AMM 49-11-11-400-003
 - for 131-9(A) AMM 49-11-11-400-004
 - do the trouble shooting of the APU
 - for GTCP 36-300 (Ref. TSM TASK 49-00-00-810-846)
 - for APS 3200 APU (Ref. TSM 49-00-00-810-921)
 - for 131-9(A) (Ref. TSM 49-00-81-810-874)
 - do the decontamination of the ECS AMM 21-00-00-615-001 or AMM 21-00-00-615-002.
 - do the trouble shooting of the engine(s) (Ref. TSM 71-00-00-810-802).

Subtask 21-00-00-810-058-A

- B. If there is no oil in the APU bleed -air duct-elbow:
- do the trouble shooting of the engine(s) (Ref. TSM 71-00-00-810-802).