

CHECK BEING PERFORMED: Custom

ZONES: 315
 A/C NUMBER:
 REV. DATE: 01/04/08
 FREQUENCY: 3A

W/C NUMBER: 231R4902 DATE:

MFR P/N	DESCRIPTION	QTY
3001436-1	ELEMENT	2
S9413-227	PACKING	2
2380	ENGINE / APU OIL 2380, TURB.MIL-PRF-23699TY2	A/R

PANELS

315AL

REFERENCES

1

MECH INSP

REPLACE OIL PRESSURE FILTER ELEMENT AND COVER PACKING.

REPLACE GENERATOR SCAVENGE FILTER ELEMENT AND COVER PACKING.

1. Oil Pressure and Generator Scavenge Filter Elements Removal
 (Fig. 1)

A. References.

(1) IPC 49-27-01 Fig. 1.

B. Procedure.

_____ XXXXX (1) Make sure the APU control switch on the P5 panel is
 OFF and attach a DO-NOT-OPERATE tag.

_____ XXXXX (2) Open these circuit breakers and attach DO-NOT-CLOSE
 tags:

(a) P11 Overhead Panel.

1) 11B34 APU ALTN CONT.

(b) E6 Rack, Aft Equipment Center.

1) APU CONT.

_____ XXXXX (3) Open the APU access doors:

(a) Open the latches on the APU access doors.

(b) Open the APU access doors.

(c) Engage the support rods for the APU access
 doors.

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MECH: INSP:

XXXXX (4) Remove the filter elements:

- (a) Remove the lockwire from the scavenge filter housing (2) and the pressure filter housing (9).

WARNING: DO NOT LET THE OIL STAY ON YOUR SKIN. YOU CAN ABSORB POISONOUS MATERIALS FROM THE OIL THROUGH YOUR SKIN.

- (b) Remove the scavenge filter housing (2) and the pressure filter housing (9).

- (c) Remove the packings (7 and 10) from the scavenge filter housing (2) and the pressure filter housing (9).

- 1) Discard the packings (7 and 10).

- (d) Remove the filter elements (4 and 8) and the packings (5 and 6) from the scavenge filter housing (2) and the pressure filter housing (9).

- (e) Do the inspection of the filter elements (4 and 8) (Ref par. 4).

NOTE: This will give you an indication of the condition of the generator.

- 1) Discard the packings (5 and 6) and the filter elements (4 and 8).

2. Oil Pressure and Scavenge Filter Elements Installation (Fig. 1).

A. Consumable Materials.

- (1) D00066 Oil - Turbine Engine, MIL-L-23699 or
- (2) D00071 Oil - Turbine Engine, MIL-L-7808.

B. Parts.

MM			IPC		
FIG	ITEM	NOMENCLATURE	SUBJECT	FIG	ITEM
401	2	Scavenge Filter Housing	49-27-01	01	49

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MECH: INSP:

4	Filter Element	55
5	Packing	60
6	Packing	175
7	Packing	170
8	Filter Element	172
9	Pressure Filter Housing	161
10	Packing	50

C. References.

(1) 49-11-00/201, Auxiliary Power Unit.

(2) 49-61-05/201, APU Control Unit.

D. Procedure.

- _____ XXXXX (1) Install the filter elements:
- (a) Install the new packing (5 and 6), lubricated with engine oil, on the filter elements (4 and 8).
 - (b) Momentarily put the filter elements (4 and 8) in a container of oil.
 - (c) Install the filter elements (4 and 8) in the scavenge filter housing (2) and the pressure filter housing (9).
 - (d) Install the new packings (7 and 10) on the pressure filter housing (9) and the scavenge filter housing (2).
 - (e) Install the scavenge filter housing (2) and the pressure filter housing (9) and tighten with your hands.
 - (f) Install lockwires on the scavenge filter housing (2) and the pressure filter housing (9).
- _____ XXXXX (2) Do the self-test for the APU system (Ref 49-61-05/201).
- _____ XXXXX (3) Remove the DO-NOT-CLOSE tags and close these circuit breakers:

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MECH: INSP:

(a) E6 RACK, Aft Equipment Center.

1) APU CONT.

(b) P11 Overhead Panel.

1) 11B34 APU ALTN CONT.

_____ XXXXX (4) Remove the DO-NOT-OPERATE tag from the APU control switch on the P5 panel.

_____ XXXXX (5) Do a leakage test for the filter element installation:
(a) Start and operate the APU (Ref 49-11-00/201).
(b) During the APU operation, examine the filter element housings for leakage.
(c) Do a shutdown of the APU (Ref 49-11-00/201).
(d) If you found leakage, repair the cause of it.

_____ XXXXX (6) Close the APU access doors:
(a) Disengage the support rods for the APU access doors.
(b) Put the support rods in the clips on the inner side of the APU access doors.
(c) Close the APU access doors.
(d) Close the latches on the APU access doors.

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

