

APU - SERVICING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to fill the auxiliary power unit with oil.
- B. Flush the oil system when the oil becomes contaminated or is changed to a different brand. To do the flushing procedure in APU T-62T-40C11, refer to [AMM TASK 49-90-00-100-801-A/300](#) and, for APU T-62T-40C14, refer to [AMM TASK 49-95-00-100-801-A/300](#).
- C. The APU oil system is serviced as necessary. The oil that is used to service the APU must be in the table of approved oils given in [AMM MPP 20-30-02/200](#).
- D. 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
12-12-02-600-801-A	AUXILIARY-POWER-UNIT FILLING	ALL

TASK 12-12-02-600-801-A

EFFECTIVITY: ALL

2. AUXILIARY-POWER-UNIT FILLING

A. General

- (1) Do not fill the APU before it is sufficiently cool to be touched.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313CL	Tail cone fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To fill the APU oil tank	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-7808 or MIL-PRF-23699	Oil	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the APU oil tank

I. Preparation

SUBTASK 841-002-A

- (1) Open access door 313CL (AMM MPP 06-41-01/100).

J. APU Oil-Tank Filling (Figure 301)

SUBTASK 610-002-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

WARNING: ENGINE OIL IS HAZARDOUS AND CAN CAUSE INJURY TO SKIN AND EYES. PUT ON RUBBER GLOVES AND SAFETY GOGGLES.

- CAUTION:**
- DO NOT FILL THE APU OIL TANK WITH OIL OF A DIFFERENT BRAND (WITH THE SAME SPECIFICATION OR NOT) FROM THAT WHICH IS IN THE TANK.
 - DO NOT LET THE OIL LEVEL STAY HIGHER THAN THE “FULL” MARK ON THE SIGHT PLUG. A TOO-FILLED TANK WILL CAUSE OIL FOAMING, HIGH TEMPERATURE, LOW OIL PRESSURE, AND OIL ODORS IN THE CABIN.
 - AFTER FILLING MAKE SURE THAT THE OIL FILLER CAP IS CORRECTLY CLOSED TO PREVENT OIL ODORS IN THE CABIN.

- (1) **NOTE:** Oil must be added when the oil level is at the base of the sight glass.

Remove the oil filler cap from the filler coupling.

- (2) Fill the oil tank until the floating dot is at the “TOP” of the sight glass.

- (3) Install the oil filler cap to the filler coupling.

K. APU Oil-Tank Filling (Figure 302)

SUBTASK 610-003-A

EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

WARNING: ENGINE OIL IS HAZARDOUS AND CAN CAUSE INJURY TO SKIN AND EYES. PUT ON RUBBER GLOVES AND SAFETY GOGGLES.

- CAUTION:**
- DO NOT FILL THE APU OIL TANK WITH OIL OF A DIFFERENT BRAND (WITH THE SAME SPECIFICATION OR NOT) FROM THAT WHICH IS IN THE TANK.
 - DO NOT LET THE OIL LEVEL STAY HIGHER THAN THE “FULL” MARK ON THE SIGHT PLUG. A TOO-FILLED TANK WILL CAUSE OIL FOAMING, HIGH TEMPERATURE, LOW OIL PRESSURE, AND OIL ODORS IN THE CABIN.
 - AFTER FILLING MAKE SURE THAT THE OIL FILLER CAP IS CORRECTLY CLOSED TO PREVENT OIL ODORS IN THE CABIN.

- (1) **NOTE:** Oil can be added to the gearbox-assembly oil sump when the oil level is below the full mark on the oil-level sight glass.

Remove the oil filler cap from the filler coupling.

- (2) Fill the oil tank until the “FULL” indication comes into view in the sight glass.

- (3) Install the oil filler cap to the filler coupling.

L. Follow-on

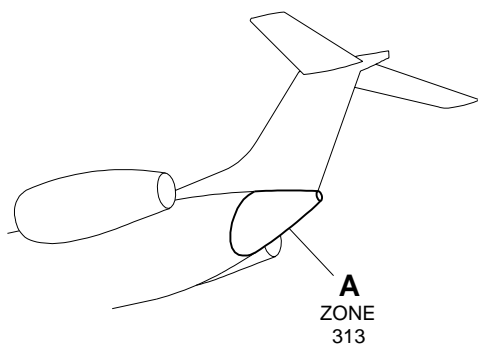
SUBTASK 842-002-A

- (1) Close access door 313CL (AMM MPP 06-41-01/100).

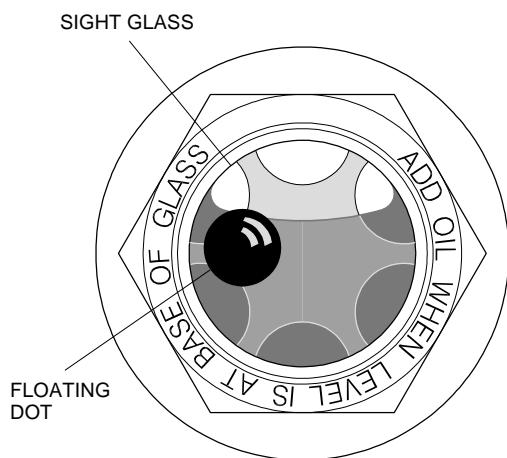
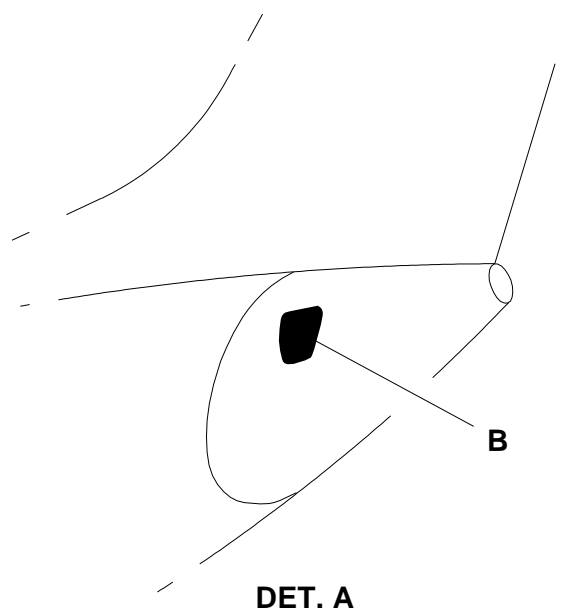
EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C11

APU Oil Filling and Oil Level Check

Figure 301

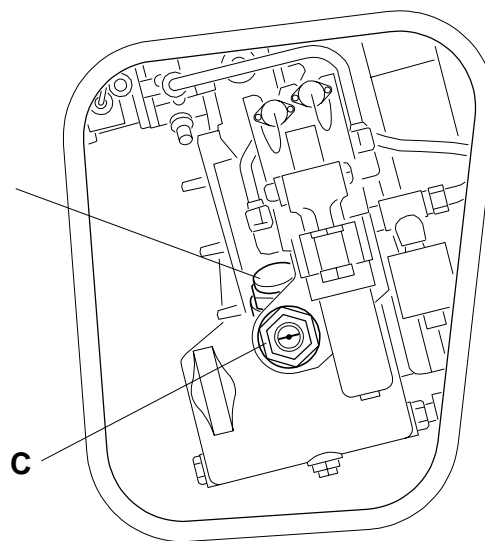


ZONE
313



DET. C

OIL FILLER
CAP



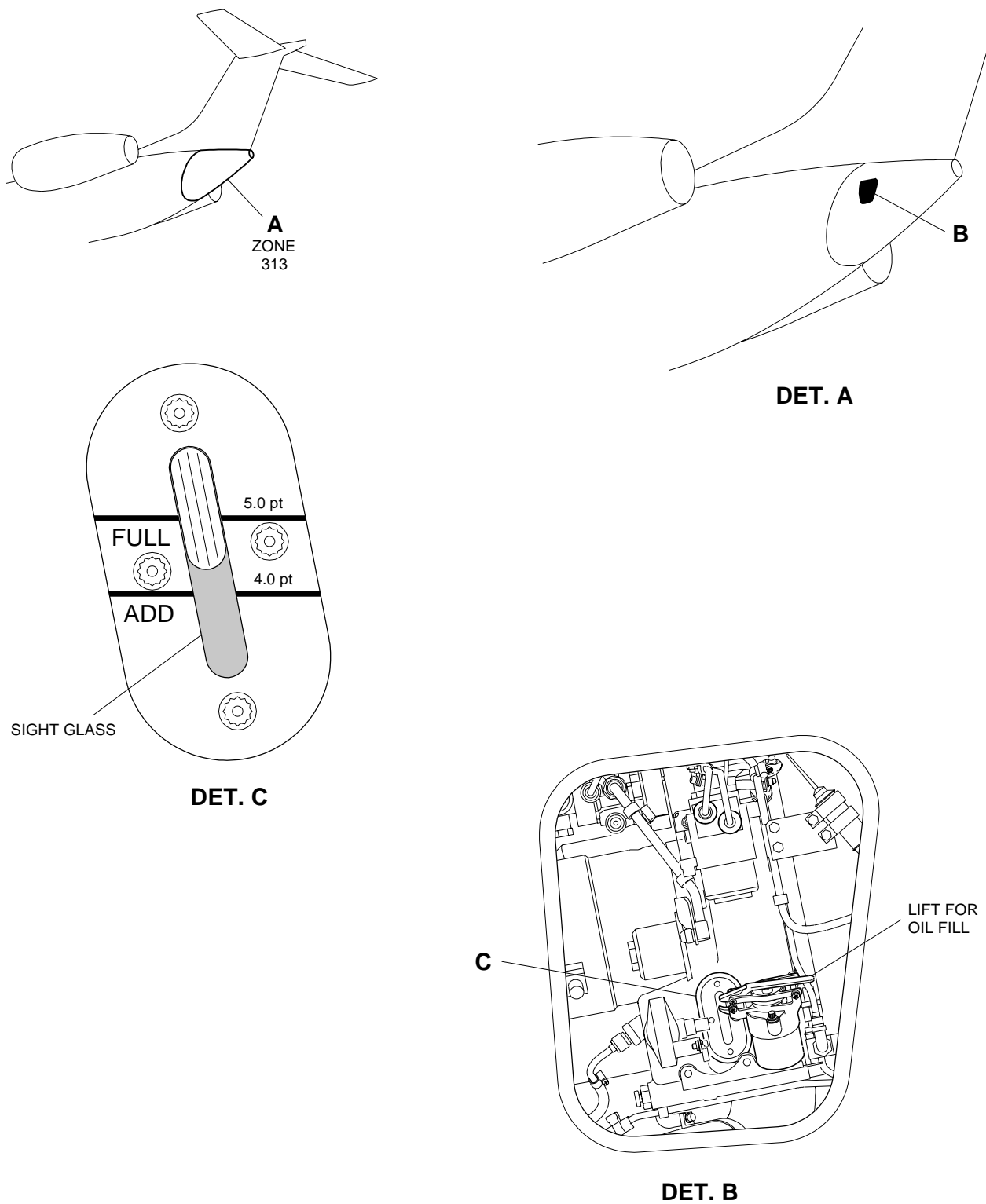
DET. B

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EFFECTIVITY: AIRCRAFT WITH APU T-62T-40C14

APU Oil Filling and Oil Level Check

Figure 302



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