
TEMPORARY REVISION

AMM-TR-MÄM-62-1083

Use of Fuel Additives

This Temporary Revision AMM-TR-MÄM-62-1083 is approved in conjunction with the Mandatory Design Change Advisory MÄM-62-1083 and is valid in conjunction with the Airplane Maintenance Manual (AMM) until this Temporary Revision has been incorporated into the AMM.

The limitations and information contained herein either supplement or, in the case of conflict, override those in the AMM.

The technical information in this document has been approved.

Doc. No	Section	Affected Pages
7.02.25	12-10-00	Pages 1-4
		Insert before Page 1.

Filing Instructions:

- Print this Temporary Revision on single sided 8.5 X 11 inch yellow paper.
- Insert this cover page as the first page of the AMM.
- Insert the four pages of this temporary revision in the AMM before page 1 of 12-10-00, as instructed in the Affected Pages column.
- Record the incorporation of this Temporary Revision on the yellow RECORD OF TEMPORARY REVISIONS sheet at the front of the manual.
- Keep this Temporary Revision until normal revision service incorporates the information into the DA 62 AMM.

Section 12-10**Replenishment****1. General**

Use the procedures in this Section to replenish the fluid systems of the airplane.

Figure 1 shows the location of the servicing points.

2. Fuel System**A. Main Fuel Tanks**

There are three interconnected fuel tanks in each wing holding the fuel for the DA 62. The fuel capacity is 26 US gal (98.4 liter) per wing. The tanks are located in the wing outboard of the engine nacelles, between the main spars.

Each wing has a filler cap located on the top surface of the wing. The filler cap connects to the outboard end of the outer fuel tanks. A fuel tank drain is located on the lower surface of each wing. The drain connects to the inboard end of the inner fuel tank.

B. Auxiliary Fuel Tanks (Optional Equipment)

The auxiliary fuel tanks consist of a single fuel chamber in each engine nacelle. The auxiliary fuel tanks are installed in the rear section of the engine nacelles, above the wing main spars. The additional fuel capacity is 18.5 US gal (70 liter) per side. The total fuel capacity (main fuel tanks and auxiliary fuel tanks) is 44.5 US gal (168.4 liter) per side.

Each auxiliary tank has a filler cap located on the top surface of the nacelle. The filler cap connects to the forward end of the auxiliary tanks. A fuel tank drain is located at the rear of each auxiliary tank

WARNING: DO NOT ALLOW FIRE, SPARKS OR HEAT NEAR FUEL. FUEL BURNS VIOLENTLY AND CAN CAUSE INJURY TO PERSONS AND DAMAGE TO THE AIRPLANE.

WARNING: DO NOT GET FUEL ON YOUR SKIN. FUEL CAN CAUSE SKIN DISEASE.

WARNING: CONNECT THE AIRPLANE AND THE FUEL SUPPLY VEHICLE TO ELECTRICAL GROUND BEFORE REFUELING. IF YOU DO NOT GROUND THE AIRPLANE, STATIC ELECTRICITY CAN CAUSE FIRE DURING REFUELING.

WARNING: MAKE SURE THAT A SUITABLE FIRE EXTINGUISHER IS AVAILABLE AT ALL TIMES DURING REFUELING/DEFUELING.

WARNING: TURN OFF ALL GROUND EQUIPMENT IN THE REFUELING AREA.

WARNING: DO NOT OPERATE ELECTRICAL SWITCHES IN THE AIRPLANE DURING REFUELING.

WARNING: REFUELING WITH PERSONS ON BOARD IS PROHIBITED.

CAUTION: USE ONLY THE FUEL TYPES GIVEN IN CHAPTER 2 OF THE AIRPLANE FLIGHT MANUAL.

CAUTION: MAKE SURE THAT THE CORRECT AMOUNT OF FUEL ADDITIVES ARE APPLIED. REFER TO SECTION 2.14 OF THE AIRPLANE FLIGHT MANUAL FOR FUEL AND FUEL ADDITIVE LIMITATIONS.

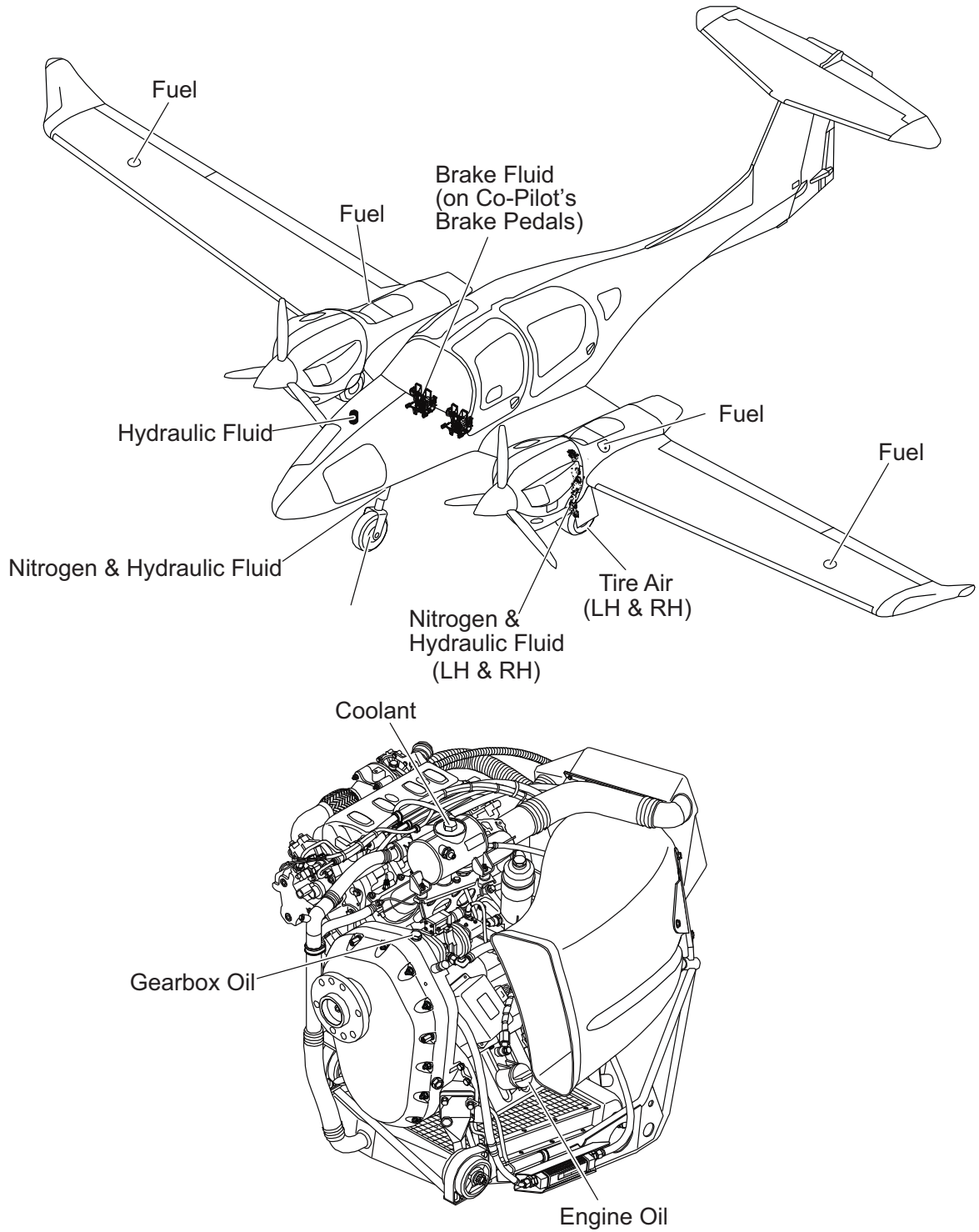


Figure 1 : Replenishment Points

3. **Refueling/Defueling**

A. Refueling.

	Detail Steps/Work Items	Key Items/References
CAUTION: USE ONLY FUEL TYPES GIVEN IN CHAPTER 2 OF THE AIRPLANE FLIGHT MANUAL.		
(1)	Shut down the engines.	
(2)	Set ENGINE MASTER OFF.	
(3)	All occupants leave the airplane.	
(4)	Ground the airplane electrically.	At the refueling connection.
(5)	Ground the refueling vehicle electrically.	
(6)	Remove the fuel filler cap.	
CAUTION: MAKE SURE THAT THE CORRECT AMOUNT OF FUEL ADDITIVES ARE APPLIED. REFER TO SECTION 2.14 OF THE AIRPLANE FLIGHT MANUAL FOR FUEL AND FUEL ADDITIVE LIMITATIONS.		
(7)	Refuel the airplane.	
(8)	Install the fuel filler cap.	Make sure that the filler cap is locked.
(9)	Do steps 6 thru 8 for the other wing.	
(10)	Do steps 6 thru 8 for the auxiliary tanks, if installed (OÄM 62-001).	Filler caps are located on the outboard side of the engine nacelles.
(11)	Remove the ground cable from the airplane.	
(12)	Remove the ground cable from the refueling vehicle.	