

# Maule Aircraft Corporation

SPENCE AIR BASE :: MOULTREE, GEORGIA 31768 :: PHONE 912/985-2045



## SERVICE BULLETIN #5

21 October, 1984  
Page 1 of 3  
Revised 12/31/91

**SUBJECT: Quick Drains for Main Fuel Tanks.**

**AIRCRAFT AFFECTED:** All M-4 models s/n 4 thru 94, 1S thru 3S, 1T thru 3T, 1C thru 11C, M-4-210 s/n 1001 thru 1045; M-4-210C s/n 1001C thru 1117C; M-4-220C s/n 2001C thru 2190C; M-4-220S s/n 2001S; M-4-180C s/n 3001C thru 3006C; M-5-220C s/n 5001C thru 5057C; M-5-210C s/n 6001C thru 6206C; M-5-235C s/n 7001C thru 7393C; M-5-180Cs/n 8001C thru 8019C; M-5-210TC s/n 9001C thru 9010C.

**COMPLIANCE TIME:** Within the next 25 hours of flight or 60 days. This Service Bulletin is mandatory.

**AUTHORITY:** The technical portion of this bulletin is FAA approved.

**BACKGROUND:** The drain plug in the main fuel tank sump is inconvenient to remove which has lead many owners to neglect to drain this sump regularly. As with any fuel tank, water can accumulate and create a hazard to flight unless the sump is drained regularly.

### ACTION TO BE TAKEN AND INSTRUCTIONS:

1. Examine main tank sump drains. If quick drains are installed, fill out the enclosed Compliance Record as being complied with and return to Maule Aircraft Corporation.
2. If fuel tank sumps have a 1/8 NPT plug in them, drain main fuel tanks using fuel drains behind step.
3. Remove the plug and drain the remaining fuel from the tank.
4. Install any of the quick drains as per the material list.

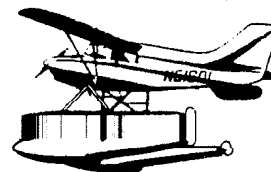
**NOTE:** If access hole in skin is too small or misaligned, it may be enlarged as necessary to allow access to sump drain valve.

5. Install in the airplane, FAA approved Flight Manual revisions (or later revisions) and Supplements as applicable which are listed on page 2 of this bulletin.

**CAUTION:** Drain main tank sumps along with wing tank sumps at every Preflight Inspection.

**AVAILABILITY OF PARTS:** The following parts may be obtained from Maule Aircraft or any aircraft supply house:

- 2 ea. F-391-18 Flush Valve and 1 ea. Fuel Sampler Cup or
- 2 ea. SAF-Air CAV-110 Drain Valve or
- 2 ea. CCA-1550 Flush Valve (Curtis Dyna Products, Corp.)



## SERVICE BULLETIN #5

### AIRPLANE FLIGHT MANUAL

### REVISION COMPLIANCE RECORD

5/7/84

Page 2 of 3  
Revised 12/31/91

Aircraft Model \_\_\_\_\_

Aircraft Serial Number \_\_\_\_\_

Aircraft Registration Number \_\_\_\_\_

In respect to FAA Airworthiness Directive (AD) No. 84-09-07, please insert the enclosed Airplane Flight Manual Supplement or revised AFM pages which provide for preflight instructions to drain Main and Auxiliary Fuel Tank Sumps, in the Airplane Flight Manual or place complete AFM (M-4 series only) in aircraft and complete the following:

- Airplane Flight Manual, rev. 2 has replaced existing M-4, rev. 1 AFM or has replaced a nonexistent AFM in my aircraft model M-4 (145) series.
- Pages i (Log of Revisions), 3, 4 & 5 (all rev. A) have been inserted in the M-4-180C Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions), 3, 4 & 5 (all rev. 5) have been inserted in the M-4-220C Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 4a (all rev. B) have been inserted in the M-5-210C Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 4a (all rev. A) have been inserted in the M-5-220C Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 5 (all rev. D) have been inserted in the M-5-180C Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 5 (All rev. A) have been inserted in the M-5-200 Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 5 (All rev. A) have been inserted in the M-6-180 Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 5 (all rev. B) have been inserted in the M-5-210TC Airplane Flight Manual in my aircraft.
- Pages i (Log of Revisions) & 5 (all rev. A) have been inserted in the M-5-235C Airplane Flight Manual dated 12 August 1981 in my aircraft.
- Pages i (Log of Revisions) & 5 (all rev. F) have been inserted in the M-6-235 Airplane Flight Manual in my aircraft.
- Supplement #13 has been inserted in the M-5-235C AFM dated 6 April 1976.
- Supplement #10 has been inserted in the M-4-210 series AFM dated 24 Sept. 1964 or 15 March 1966 in my aircraft.
- I NO longer OWN this airplane. IT WAS SOLD TO:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

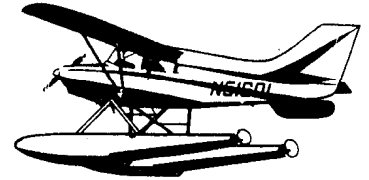
Certified by \_\_\_\_\_ Date performed: \_\_\_\_\_

In our continuing effort to keep our mailing list current for sending Service Letters, Service Bulletins, AFM revisions, etc., please fill in the following:

Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

Please mail this Compliance Record to: Maule Aircraft Corporation  
Engineering Records  
R #5 Box 318  
Moultrie, GA 31768



COMPLIANCE RECORD

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SERVICE BULLETIN #5

Date \_\_\_\_\_

Aircraft Model \_\_\_\_\_

Serial Number \_\_\_\_\_

Registration Number \_\_\_\_\_

The following action has been taken in respect to this Service Bulletin #5:

- This aircraft is already equipped with quick drains in main tanks.
- Service Bulletin #5, quick drains for main tanks, has been complied with.
- I no longer own this aircraft, It was sold to:

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

CERTIFIED BY \_\_\_\_\_  
Signature

TITLE \_\_\_\_\_  
Owner, A & P, IA, etc.

DATE PERFORMED \_\_\_\_\_

In an effort to keep our mailing list current, please fill in the following:

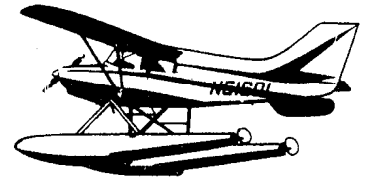
Owner's name \_\_\_\_\_

Owner's address \_\_\_\_\_

Mail this compliance record to: Maule Aircraft Corporation  
Engineering Records  
Spence Field  
Moultrie, GA 31768

# Maule Aircraft Corporation

SPENCE AIR BASE -- MOULTRIE, GEORGIA 31768 -- PHONE 912/985-2045



21 October 1982  
Page 1 of 1

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SUBJECT: Quick Drains for Main Tanks.

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COMPLIANCE TIME: Within the next 25 hours of flight or 60 days. This Service Bulletin is mandatory.

AUTHORITY: The technical portion of this Bulletin is FAA approved.

BACKGROUND: The drain plug in main fuel tank sump is inconvenient to remove which has lead many owners to neglect to drain this sump regularly. As with any fuel tank, water can accumulate and create a hazard to flight unless the sump is drained regularly.

### ACTION TO TAKEN AND INSTRUCTIONS:

1. Inspect main tank sump drains. If quick drains are installed, fill out the enclosed compliance record as being complied with and return to Maule Aircraft Corporation.
2. If fuel tank sumps have a 1/8 NPT plug in them, drain main fuel tanks using fuel drains behind step.
3. Remove the plug and drain the remaining fuel from the tank.
4. Install either of the quick drains as per the material list.

NOTE: If access hole in skin is too small or misaligned, it may be enlarged as necessary to allow access to sump drain valve.

5. Add statement to the aircraft log book pertaining to compliance with this service bulletin. Also, fill out the enclosed compliance record and return to Maule Aircraft Corporation as soon as possible.

CAUTION: Drain main tank sumps along with wing tip tank sumps at every preflight inspection.

AVAILABILITY OF PARTS: The following parts may be obtained from Maule Aircraft or any reputable aircraft supply house:

2 ea. F-391-18 Flush Valve and 1 ea. Fuel Sampler Cup

or

2 ea. SAF-Air CAV-110 Drain Valve

or

2 ea. CCA-1550 Flush Valve (Curtis Dyna Products, Corp.)