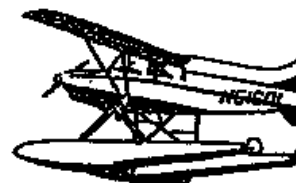


Maule Aircraft Corporation

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



26 June 1974
Page 1 of 2
Revised: 5/3/83

SERVICE LETTER #28

SUBJECT: Cooling Modifications for M-5 Planes Edo Float Equipped.

AIRPLANES AFFECTED:

M-5-210C serial numbers 6001C thru 6014C, 6039C, and 6043C thru 6045C.

M-5-220C serial numbers 5002C, 5019C, 5020C, and 5022C thru 5024C.

COMPLIANCE:

Mandatory upon Edo Float installation.

AUTHORITY:

This Service Letter is FAA Approved.

BACKGROUND:

M-5-210C and M-5-220C aircraft serial numbers affected as stated above must have the following items complied with at the time of Edo Float installation.

DESCRIPTION:

M-5-210C

1. Lay -210 Bottom Fiberglass Cowling Section, MAULE p/n 5040X, A-1a and C-1a in place and cut-out corresponding section from bottom cowling on aircraft.
2. Attach p/n 5040X, Section A-1a and C-1a in position with fiberglass resin.
3. Fabricate baffles MAULE p/n 5207B, 5208B, 5209B, 5210B, 5211B, and 5084E-7.
4. Install baffles p/n 5207B, 5208B, 5209B, 5210B, and 5211B per MAULE drawing 5162E.
5. Change cylinder head temperature probe from "no. 5" to "no. 4" cylinder.
6. Install all components and make all changes as per MAULE dwg 9080A, EDO 248A2440 or 248B2440 Float Installation on MAULE M-5-210C or M-5-220C.

M-5-220C

1. Remove old 5031X-6 Right Rear Deflector and install new -6.
2. Install Baffles p/n 5031X-22 and 5031X-23 per Maule drawing 5425E.
3. Change Cylinder Head Temperature probe from No. 4 to No. 2 cylinder.
4. Install all components and make all changes as per Maule drawing 9080A, EDO 248A2440 or 248B2440 Float Installation on MAULE M-5-210C or M-5-220C.

Material Required: M-5-210C

- 1 ea. 508AE-7 Bracket
- 1 ea. 5207B Baffle - Inner Aft Oil Cooler
- 1 ea. 5208B Baffle - Inner Forward Oil Cooler
- 1 ea. 5209B Baffle - Outer Oil Cooler
- 1 ea. 5210B Baffle - Center (w/Baffle Sealing Extension)
- 1 ea. 5211B Bracket - Right Rear Baffle
- 2 ea. AN526-832-R6 Screw
- 2 ea. AN365-832 Nut
- 6 ea. SB-4-2 Rivets
- 1 ea. Bottom Fiberglass Cowling Section, Maule p/n 5040X, A-1a and C-1a
- 1 ea. 9044X Float Plane Lower Fin
- 1 ea. Drawing 5162E, rev. K
- 1 ea. Drawing 9080A
- 1 ea. Drawing 9020B
- 1 ea. M-5-210C AFM Supplement No. 1
- 1 Kit EDO 248A2440 or 248B2440 Floats

Material Required: M-5-220C

- 1 ea. 5031X-6 Deflector, Right Rear
- 1 ea. 5031X-22 Baffle
- 1 ea. 5031X-23 Baffle
- 12 ea. SB-4-2 Rivets
- 1 ea. 9044X Float Plane Lower Fin
- 1 ea. Drawing 5425E
- 1 ea. Drawing 9020B
- 1 ea. Drawing 9080A
- 1 ea. M-5-220C AFM Supplement No. 1
- 1 Kit EDO 248A2440 or 248B2440 Floats

26 June 1974

MAULE AIRCRAFT CORPORATION

SERVICE LETTER #28 - COMPLIANCE RECORD

Airplane Serial Number _____

Airplane Registration Number _____

The following action was taken with respect to this service letter:

Service Letter #28 completed (Cooling modifications for M-5
airplanes EDO Float equipped).

Certified by _____
(Signature)

(Printed name)

Title _____
(Owner, A&P, IA, etc.)

Date performed _____

In an effort to keep our mailing list current for sending service bulletins, service letter, etc., 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