Mooney Mite N-4124

S/N: 293

Date: 10-29-2007

Instruction for Continued Airworthiness Checklist

1) **Introduction:**
   Altered Mooney Mite M18-C by upgrading form Continental A65-8 to A75-8 to increase high altitude and density altitude performance, and to improve reliability, as engine will be operated within A65-8 RPM limitations.
2) **Description:**
   The original Continental A65-8 engine previously upgraded to A75-8 as per Continental Service bulletin M47-16 (as per engine log book entry dated May 27, 1971) to increase high altitude and density altitude performance, and to improve reliability, as engine will be operated within A65-8 RPM limitations.
3) **Control:**
   None.
4) **Servicing Information:**
   No special servicing other than the original aircraft and engine manufacture's service instructions for the appropriate model.
5) **Maintenance Instructions:**
   Appropriate manuals for the engine installation of Continental A75-8 shall be used.
6) **Troubleshooting Information:**
   No additional information required.
7) **Removal and Replacement Information:**
   Use aircraft and engine manufacture's service manuals.
8) **Diagrams:**
   None Required.
9) **Special Instruction Requirements:**
   Normal aircraft and engine manufacture's inspection requirements shall be used.
10) **Application of Protective Treatments:**
    None Required.
11) **Data:**
    Use aircraft and engine manufacture's data.
12) **List of Special Tools:**
    None.
13) **For Commuter Category Aircraft:**
    Does not apply.
14) **Recommended Overhaul Periods:**
    No additional overhaul time limitations.
15) **Airworthiness Limitations Section:**
    No additional airworthiness limitations.
16) **Revision:**
    New.

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AIRPLANE OWNER'S MANUAL SUPPLEMENT TO MOONEY M18-C AIRPLANE OWNER'S MANUAL

The information in this document, together with the basic Mooney M18C AFW, is applicable and must be carried in the basic manual when the airplane is modified by the installation of a Continental A75-8 engine and Flottorp 65A66 wooden propeller in accordance with field approval dated _____.

The information in this document supersedes the basic manual only where covered in the items contained in this supplement. For limitations and procedures not contained in this supplement consult the original manual.

1. **LIMITATIONS:**

Engine:	Continental A75-8	
Engine Limits:	For all operations	2300 RPM (65 H.P.)
Fuel:	80/87 Octane Minimum	Aviation Gasoline
Propeller:	Flottorp 65A66 Diameter:	 Maximum - 65 Inches Minimum - 63.5 Inches
Engine Instruments:	Tachometer	2300 RPM (redline)

2. **PROCEDURES:**

No change.

3. **PERFORMANCE:**

Performance with the above engine/propeller combination is equal to or better than that previously demonstrated for the Mooney M18-C airplane equipped with Continental A65-8 engine.