

E. G. Gramman, Trustee of Trust
Dated March 10, 1984
1967 Garrison Way
El Cajon, Diego, Ca. 92019-2646

**FAA APPROVED
AIRCRAFT FLIGHT MANUAL SUPPLEMENT
TO THE
MOONEY M18-L
AIRCRAFT FLIGHT MANUAL**

FAA FORM 337 INSTALLATION OF LYCOMING 0-145-C2

REGISTRATION NO. N119C

SERIAL NUMBER: 51

This supplement must be attached to the FAA Approved Aircraft Flight Manual, dated January 25, 1950, when the aircraft is modified by the installation of Lycoming 0-145-C2 in accordance with FAA Form 337, dated April 1, 1998

The information contained herein supplements or supersedes the information the basic manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this supplement, consult the basic Aircraft Flight Manual.

FAA APPROVED: *Ronald Armstrong*
Manager, Flight Test Branch, ANM-160L
Federal Aviation Administration
Los Angeles Aircraft Certification Office
Transport Airplane Directorate

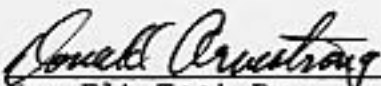
Approved Date *Apr. 1, 1998*

Page 1

E. G. Gramman, Trustee of
 Trust dated March 10, 1984
 1967 Garrison Way
 El Cajon, CA 92019-2646

SUPPLEMENTAL AFM
 TO MOONEY M18-L AFM
 FAA FORM 337 APPROVAL

LOG OF PAGES

REV No.	Page		Description	FAA Approved
	No.	Date		
Original	Title-1		Complete Supplement Powerplant Change	 Mgr. Flt. Test Br. ANM-160L, FAA, Los Angeles ACO Transport Airplane Directorate Date <u>4-1-88</u>
	Log-2			
	Contents-3			
	Limits -4			

E. G. Gramman, Trustee of
Trust dated March 10, 1984
1967 Garrison Way
El Cajon, CA 92019-2646

SUPPLEMENTAL AFM
TO MOONEY M18-L AFM
FAA FORM 337 APPROVAL

TABLE OF CONTENTS

SECTION	TITLE	PAGE
1	Limitations	4
2	Performance	4
3	Weight & Balance	4

FAA Approved Date APR 1 1998

E. G. Gramman, Trustee of
Trust dated March 10, 1984
1967 Garrison Way
El Cajon, CA 92019-2646

SUPPLEMENTAL AFM
TO MOONEY M18L- AFM
FAA FORM 337 APPROVAL

SECTION 1
Limitations

- A. ENGINE: Lycoming Model O-145-C2. Engine Limits: For all operations, 3100 RPM, 75 HP.
- C. (a) PROPELLER: Flottorp Model 63L60. Static RPM at full throttle: not more than 2350; not less than 1890. No additional tolerance permitted. (b) PLACARD: Above tachometer, "STATIC RPM 1995-2220"
- D. POWER PLANT INSTRUMENTS:
(c) Tachometer; Green Arc 2000-31000 RPM (Normal Operating Range), Red line at 3100 RPM

SECTION 2
Performance

Effects on performance have not been determined.

SECTION 3
Weight & Balance

No Change with Flottorp 63L60, now installed.

FAA Approved APR 1 1998