

MOONEY AIRCRAFT CORPORATION

MODEL M20L

PILOT'S OPERATING HANDBOOK

AND

FAA APPROVED

AIRPLANE FLIGHT MANUAL

**MOONEY**

**M20L**

THIS HANDBOOK INCLUDES THE MATERIAL REQUIRED TO BE  
FURNISHED TO THE PILOT BY THE FEDERAL AVIATION  
REGULATIONS, AND  
CONSTITUTES THE FAA APPROVED AIRPLANE FLIGHT MANUAL.  
THIS DOCUMENT MUST BE CARRIED IN THE AIRCRAFT AT  
ALL TIMES.

**This Manual is NOT specific to your  
aircraft. It is provided as a reference  
tool only.**

**Refer to the Pilot's Operating  
Handbook, provided with your  
aircraft at delivery, for data specific  
to your aircraft.**

FAA APPROVED in Normal Category based on CAR PART 3 and applicable portions of  
FAR PART 23; applicable to Model M20L S/N listed above only.

ISSUED 2-88

REV. A 8-18-88

REV. B 1 AUGUST, 95

POH/AFM NUMBER - 3400

**BEFORE LANDING PROCEDURES**

Seats, Seat Belts, Shoulder Harness	ADJUST AND SECURE
Internal/External lights	AS DESIRED
Landing gear	<b>DOWN</b> below 129 KIAS (Check Gear Down light ON-Check visual indicator)
Main/Boost & Emergency Fuel Pumps	<b>ON</b>
Enrichment Switch	<b>OFF</b>
Fuel Selector	<b>FULLEST TANK</b>
Wing flaps	AS DESIRED (full down below 110 KIAS)
Trim	AS DESIRED

~ ~ ~ ~ ~  
~ CAUTION ~  
~ ~ ~ ~ ~

To minimize control wheel forces during maneuvering, timely nose-up trimming is recommended to counteract the nose down pitching moment as power is reduced and/or the flaps are extended.

Parking Brake	VERIFY OFF
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**GO AROUND (BALKED LANDING)**

Power Lever	(2343 RPM) (VERIFY FUEL ENRICH ANNUNCIATOR is ILLUMINATED)
Wing Flaps	<b>TAKEOFF POSITION (10°)</b> (After POSITIVE climb established)
Trim	AS DESIRED

~ ~ ~ ~ ~  
~ CAUTION ~  
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To minimize the control wheel forces during maneuvering, timely nose-down trimming is recommended to counteract the nose up pitching moment as power is increased and /or the flaps are retracted.

Airspeed	75 KIAS
Landing Gear	UP
Wing Flaps	UP
Airspeed	90 KIAS

**LANDING**

Before Landing Checklist	COMPLETED
Wing Flaps	FULL DOWN or PARTIAL
Landing Gear	DOWN and LOCKED
Approach Airspeed	75 KIAS (Full Flaps) (80 KIAS with Partial Flaps)
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER nose wheel gently
Brakes	MINIMUM required