

SECTION IV
NORMAL PROCEDURES

MOONEY M20J

BEFORE TAXI

Radio Master Switch.....ON
External Lights.....As desired
Directional Gyro.....SET or SLAVE SWITCH - ON
Instruments.....Normal Operation
Radios.....CHECK (Set Frequencies)
Altimeter.....SET
Fuel Selector.....Switch tanks, verify
engine runs on other tank

TAXI

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~ CAUTION ~
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It may be necessary to increase RPM slightly to prevent flashing of the "LOW VOLTS" light.

Parking Brake.....Release
Brakes.....Check during Taxi
Directional Gyro.....Proper indication during
turns
Turn Coordinator.....Proper indication during
turns
Artificial Horizon.....Erect during turns
Taxi.....Minimum power

BEFORE TAKEOFF

NOTE

A thorough pre-takeoff check is recommended, however EXCESSIVE time spent conducting a pre-takeoff check list will effect fuel economy.

Parking Brake.....SET
Fuel Selector.....FULLEST TANK
Throttle.....1200 RPM
Propeller.....HIGH RPM
Mixture.....Full Forward (RICH)
Cowl Flaps.....PULL OPEN

SECTION IV
NORMAL PROCEDURES

MOONEY M20J

Ram Air.....CLOSED
Oil Temperature.....75 Degrees F Minimum
(Needle moves off white dot)
Magneto/Starter Switch.....Ground Check

- CAUTION -

Do not operate the engine at run-up speed unless the oil temperature is 75 Degrees F. minimum. Operation of the engine at too high a speed before reaching minimum oil temperature may cause loss of oil pressure.

Throttle.....1900-2000 RPM
Magnetos.....CHECK, Both to L, Both to R,
Both, (Maximum 175 RPM drop each magneto, 50
RPM Difference)

NOTE

An absence of RPM drop may be an indication of faulty magneto grounding or improper timing. If there is doubt concerning ignition system operation, RPM checks at a leaner mixture setting or higher engine speed will usually confirm whether a deficiency exists.

Propeller.....CYCLE/return to high RPM (3 times)
Throttle.....Retard to IDLE RPM
Trim.....Takeoff setting
Flaps.....Check operation. SET TAKEOFF
(15 Degrees)
Controls.....Check free and correct movement
Cabin Door.....CHECK SECURED
Seat Belts and Shoulder Harness.....SECURED
Avionics and auto pilot.....Check (Refer to
Section IX)
Annunciator Lights.....Press to Test
Internal/External Light.....As Desired
Rotating Beacon/Strobe Lights.....ON
Pilots Window.....CLOSE
Emergency Gear Extension Red Handle.....DOWN
and LATCHED