

# PRE-MAINTENANCE CHECK LIST



DATE \_\_\_\_\_

## AIRCRAFT OWNER INFORMATION

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ ST \_\_\_\_ ZIP \_\_\_\_\_  
 Phone \_\_\_\_\_ Cell \_\_\_\_\_  
 e-mail \_\_\_\_\_

## AIRCRAFT INFORMATION

Make \_\_\_\_\_ Model \_\_\_\_\_  
 Year \_\_\_\_\_ N-number \_\_\_\_\_  
 Hobbs/Tach Reading \_\_\_\_\_ A/C TT \_\_\_\_\_  
 Last Annual Date \_\_\_\_\_ Hours \_\_\_\_\_  
 Oil type \_\_\_\_\_ Weight \_\_\_\_\_  
 ENGINE Make \_\_\_\_\_ Model \_\_\_\_\_  
 TT \_\_\_\_\_ SMOH \_\_\_\_\_ SN \_\_\_\_\_  
 PROP Make \_\_\_\_\_ Model \_\_\_\_\_  
 TT \_\_\_\_\_ SMOH \_\_\_\_\_ SN \_\_\_\_\_

## ANNUAL DOCUMENTS

- Log Books
- "ARROW" Documents
- Current Equipment List
- Weight and Balance
- Gear Actuator Status (*attach your data*)
- POH Current Revision # \_\_\_\_\_
- IFR Certification Due Date \_\_\_\_\_
- ELT Battery Due Date \_\_\_\_\_
- O2 Hydro Due Date \_\_\_\_\_
- AD List – Reoccurring and SBs
- Record of Modifications, Repair 337's and ICA's
- Notes and Discrepancies \_\_\_\_\_

## PRE-FLIGHT OPERATIONAL CHECK *(refer to Mooney Owner's Manual or POH)*

Complete Mooney pre-start & pre-taxi check lists in addition to items below

OPERATION	✓	NOTES
Operation of Brakes		
Oil Pressure		
Ease of movement of all Engine Controls		
Ease of operation of Fuel Selector		
Generator / Alternator Output		
Fuel Quantity Indications		
Fuel pressure Indications		
Vacuum Warning Lights & Instruments		
Note Idle RPM		
Test Idle Cut-off and Magneto Grounding		
Cabin and Panel Lights		
Flap Movement and Position Indicator		
Trim Movement and Position Indicator		
Radio and Avionics		

# PRE - MAINTENANCE CHECK LIST

## RUN-UP

Oil Temperature (*only while in Green Arc*) \_\_\_\_\_ Magneto Drop (R) \_\_\_\_\_ (L) \_\_\_\_\_

Prop Governor Drop of at least 500 RPM \_\_\_\_\_

Complete all Mooney pre-flight check lists

## IN-FLIGHT CHECKS

OPERATION      ✓      NOTES

Gear-up Warning Horn, * <i>see note below</i>		
Generator / Alternator		
Test Flight Control Rigging		
Radios and Avionics		
Transponder with ATC		
Auto-pilot or PC		
Cabin Ventilation and Heating		
Carbon Monoxide		
Other Installed Equipment		
Other Checks		

\* Gear-up Warning Horn should activate at:

- 12 inches Manifold Pressure for M20C to M20J models **THRU** S/N 24-3153
- 14-16 inches Manifold Pressure for M20J models **AFTER** S/N 24-3154
- 10 inches Manifold Pressure for M20K models **THRU** S/N 25-0780
- 16 inches Manifold Pressure for M20K models **AFTER** S/N 25-0781
- Mark the throttle at correct Manifold Pressure
- All Models **AFTER** M20K are adjusted in the shop

## ENGINE READINGS (*at your normal in-flight cruise settings*)

Altitude (MSL) \_\_\_\_\_ RPM \_\_\_\_\_

Mixture – lean for cruise (gal/hour) \_\_\_\_\_ MP \_\_\_\_\_

CYL	CHT	EGT	Notes
1			
2			
3			
4			
5			
6			