

TAKE OFF

1. Mixture
2. Propeller
3. Pitot heat
4. Prop. deice
5. Transponder
6. Landing & recog. lights
7. Gyro
8. Power

Vr=67 KIAS

RICH
HIGH RPM
ON AS REQUIRED
AS REQUIRED
ALT
ON
CHECK ON RWY HDG
36.0 MP AND 2700 RPM
FUEL FLOW 21 - 22,5 PPH
OIL PRESSURE

AFTER TAKE OFF

1. Brake
2. Positive rate
3. Gear
4. Safty altitude

5. Mixture
6. Climp speed
7. Cowl flaps

STEP
CONFIRM
UP
REDUCE POWER
32 MP 2500 RPM
RICH
95 - 115 KIAS
FULL OPEN OR AS REQ.

CRUISE

1. Power
2. Mixture
3. Cowl flaps
4. Fuel managment

5. Pitot heat
6. Prop. deice
7. Oxygen

REDUCE AFTER 1 MIN ACC.
POWER CHART BELOW 65%
LEAN TO PEAK, ENRICH TO
75 - 100° F BELOW PEAK
AS REQUIRED
ALTERN. TANK 1 HOUR
INTERVAL
AS REQUIRED
AS REQUIRED
AS REQUIRED

CRUISE IN HIGH OUTSIDE TEMPERATURE

1. Fuel flow fluctuation
 2. Fuel flow
 3. Boost pump
- If condition persists, repeat procedure above

LOW BOOST PUMP ON
MONITOR
OFF

DESCENT

1. Cowl flaps
Power

3. Propeller
4. Mixture
5. Cylinder head temperature
6. Air speed
7. Speed Brakes
8. Pitot heat
9. Defroster(high altitude)
10. Seatbelts

CLOSED
AS HIGH AS PRACTICABLE
(PREFERABLE 25 MP)
2200 RPM
LEAN TO PEAK
MONITOR MIN. 250° F
AS PRACTICABLE
AS REQUIRED
AS REQUIRED
MAX
FASTENED

INITIAL APPROACH

1. ATIS
2. Gyro
3. Altimeter
4. RWY
5. Type of approach
6. Nav., radio
Power
Speed brakes

CHECK
CHECK
SET ONH/CROSSCHECK
CHECK
CHECK
SET FREQUENZ / IDENT / CDI
AS HIGH AS PRACTICABLE
AS REQUIRED

FINAL APPROACH CHECK

1. Gear (below 140 KIAS)
2. Flaps (112 KIAS)
3. Propeller
4. Mixture
5. Fuel selector
6. Landing & recog. lights

EXTEND & CHECK
EXTEND AS REQUIRED
SET AS REQUIRED
SET AS REQUIRED
FULLER TANK
ON

FINAL CHECK

1. Gear
2. Altimeter
3. Speed
4. Propeller (missed approach)
5. Mixture (missed approach)

RECHECK DOWN/GREEN
SET QNH/CROSSCHECK
CHECK
HIGH RPM(2600)
FULL RICH

AFTER LANDING

1. Power
2. Timing(cool down periode)
3. Transponder
4. Cowl flaps
5. Lights
6. Flaps
7. Pitot heat
8. Prop. deice

1000 – 1200 RPM
5 MIN
OFF
FULL OPEN
AS REQUIRED
DOWN
OFF
OFF

SECURING

1. Ignition
2. Avionic master
3. Taxi light
4. Turbo cool down time
5. Mixture
6. Magnetos
7. Strobelight
8. Trim
9. Master switch
10. Cabin lights
11. Oxygen valve

DEAD CHECK
OFF
OFF
CHECK
IDLE CUT OFF
OFF
OFF
RESET
OFF
OFF
OFF

ENGINE RUN-UP

1. Brakes
2. Fuel selector
3. Fuel quantity
4. Cowl flaps
5. Alternate air
7. Mixture
8. Propeller
9. Throttle
10. Alternator(s)
Optional Dual Alternators
Both Alt #1 & #2 switches ON
Alt. 1 sw... OFF(Alt 1 output 0%, Alt 2 output/load assumed)
Volts... PUSH load/volts selector, check approx. 28 V
Alt. 1 sw... ON(check for normal output, basic load carried by Alt 2)
Alt. 2 sw... OFF(Alt 2 putput 0%, Alt 1 output/load assumed)
(% output may be less than Alt 2 value)
Volts... PUSH load/volts selector, check approx. 28 V
Alt. 2 sw... ON(check for normal output /load /volts /indications;
Alt 2 can normally be expected to carry most of the indicated output
load)
11. Alternator field switches ON
12. Oil temperature 75° DEG. (white Dot)
13. Throttle 1700 RPM
14. Magnetos 150 max./dif. 50 RPM
15. Popeller CYCLE
16. Throttle RETARD TO 1000 RPM
17. Annunciator lights PRESS TO TEST
18. Auto Pilot TEST

BEFORE TAKE OFF

1. Flight controlls FREE & CORRECT
2. Trim SET FOR TAKE OFF
3. Flaps SET FOR TAKE OFF
4. Cabin door, windows CLOSED
5. Flight instruments & radios SET
6. Emergency gear extension red handle DOWN AND LATCHED
7. Engine oil temperature 100° CHECK

- | | |
|--------------------------------|-----------------------------------|
| 13. Suction | CHECK |
| 14. Avionic Master | ON |
| 15. Trim switch | ON |
| 16. Annunciator lights | PRESS TO TEST |
| 17. Volt / Amperemeter | CHECK |
| 18. Fuel selector switch tanks | VERIFY ENG. RUNS
ON OTHER TANK |
| 19. Horizon & gyro | SET & CHECK |
| 20. Oxygen system | CHECK(GREEN) |

FLOODED ENGINE

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|---------------------------|--------------------|
| 1. Throttle | FULL FORWARD |
| 2. Mixture | IDLE CUT OFF |
| 3. Magneto/Starter switch | PUSH AND TURN |
| 4. Throttle | RETARD TO 1200 RPM |
| 5. Mixture | FULL FORWARD |
| 6. Oil pressure | CHECK WITHIN 30" |

WARM ENGINE START

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|-----------------------------|------------------|
| 1. Throttle | SLIGHTLY OPEN |
| 2. Mixture | FULL FORWARD |
| 3. Magneto / Starter switch | PUSH AND TURN |
| 4. Throttle | 1000 to 1200 RPM |
| 5. Oil pressure | CHECK WITHIN 30" |

BEFORE TAXI

- | | |
|---------------------------|-------|
| 1. Taxi light (nav.light) | ON |
| 2. Instruments | CHECK |
| 3. Radios | SET |

TAXI

- | | |
|-------------------------------|--------------------------------------|
| 1. Parking brake | RELEASE |
| 2. Brakes | CHECK |
| 3. Turn & bank, gyro, horizon | CHECK |
| 4. Cowl flaps | CHECK OPERATION
POS. OPEN OR REQ. |
| 5. Altimeter | SET QNH/CROSSCHECK |

CHECKLIST MOONEY M20K OE-KOG

BEFORE STARTING ENGINE

1. Preflight inspection (according POH)	COMPLETED
2. Cabin door	CLOSED
3. Seats, seatbelts	ADJUST/FASTEN
4. Documents, charts, flashlight	ON BOARD
5. Parking brake	SET
6. Clocks	SET
7. Circuit breakers	CHECK IN
8. Gear	CHECK DOWN
9. Cowl flaps	VERIFY SWITCH IN OPEN POSITION
10. Master switch	OFF
11. Alternator field switches	OFF
12. Avionic master switch	OFF
13. Pitot heat	OFF
14. Flaps switch	CENTERED(flaps down)
15. Alternate static source	OFF
16. Compass slave switch	IN
17. Master and avionic master switch	ON
18. T/O-data & start up	REQUEST
19. Avionic master switch	OFF
20. ELT	ARMED

STARTING ENGINE

1. Mixture	RICH
2. Propeller	HIGH RPM
3. Throttle	FULL OPEN
4. Master switch	CHECK ON
5. Strobe light	ON
6. Full selector	FULLEST TANK
7. Primer	ON(3 to 5 sec.)
8. Prop area	CLEAR
9. Magneto / Starter switch	PUSH & TURN
10. Throttle	1000 - 1200 RPM
11. Oil pressure	CHECK WITHIN 30"
12. Alternator field switches	ON