



# CESSNA 172M SKYHAWK

## AIRCRAFT QUICK REFERENCE



SECTIONAL CHART (NM)

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### PREFLIGHT

1 Documents	ARROW
2 Tach/Hobbs	NOTE
3 Controls	FREE
4 Emergency Equip	CHECK
5 Magnetos	OFF
6 Alternate Static	CLOSED
7 Circuit Breakers	IN
8 Electrical Equip	OFF
9 BAT/ALT Masters	ON
10 Fuel Quantity	CHECK
11 Flaps	DOWN
12 BAT/ALT Masters	OFF
13 Exterior Inspection	COMPLETE
14 Oil	6 QTS MIN
15 Tires (nose/mains)	31/29 PSI
16 Nose Strut	45 PSI

### BEFORE START

1 Preflight	COMPLETE
2 ATIS/Clearance	COPIED
3 Tiedowns/Chocks	OUT
4 Seat/Belts	SECURE
5 Fuel Selector	BOTH
6 Avionics Master	OFF
7 Electrical Equip	OFF
8 Circuit Breakers	IN
9 Parking Brake	SET
10 Passengers	BRIEF

### START

1 BAT/ALT Masters	ON
2 Nav Lights (night)	ON
3 Beacon	ON
4 Mixture	RICH
5 Prime	0 to 6 STROKES
6 Throttle	1/8 INCH

7 Prop Area	CLEAR
8 Magnetos	START
9 Throttle	800 - 1000 RPM
10 Oil Pressure	CHECK
11 Avionics Master	ON
12 Lights	AS REQUIRED
13 Flaps	UP
14 Transponder	STBY
15 Parking Brake	OFF
16 Brakes	CHECK
17 Gyros	TAXI CHECK

### RUNUP

1 Parking Brake	SET
2 Flight Instruments	CHECK/SET
3 Fuel Selector	BOTH
4 Flight Controls	FREE & CORRECT
5 Mixture	RICH (BLO 3000 FT)
6 Throttle	1700 RPM

7 Engine Instruments	GREEN
8 Ammeter	CHECK
<b>!</b> 150 RPM Max Drop; 50 RPM Differential	
9 Carburetor Heat	CHECK & OFF
10 Alternate Static	NORMAL
11 Circuit Breakers	IN
12 Vacuum	4.6 to 5.4 IN Hg
13 Throttle	800 - 1000
14 Friction Lock	ADJUST
<b>!</b> If IMC DP, maintain vacuum in green arc.	

15 Avionics	SET
16 NAV/GPS Selector	SET
17 Transponder Code	SET
18 Takeoff	BRIEFED
19 Emergency Proc	BRIEFED
20 IFR Departure	BRIEFED
21 Time	NOTE
22 Parking Brake	RELEASE

V50 41 V54 47 V64 55 V73 59 V73 73 V76 85/110 (0°-10°) VNO 128 VNE 160 (KIAS)

YEARS: 1973-1976  
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### TAKEOFF

1 Elevator Trim	TAKEOFF
2 Flaps (norm/short)	UP/10°
3 Doors/Windows	LATCHED
4 Parking Brake	OFF
5 Lights	AS REQUIRED
6 Transponder Mode	ALT
7 Pitot Heat	AS REQUIRED
8 Mixture	RICH (BLO 3000 FT)
9 Throttle	FULL
10 Rotate (norm/short)	55/52 KIAS
11 Flaps	RETRACT SLOWLY

### CLIMB

1 Airspeed	
Obstacle @ 50 FT	59 KIAS
Best Angle	59 KIAS
Best Rate	73 KIAS
2 Throttle	FULL
3 Carburetor Heat	COLD
4 Mixture	LEAN ABV 3000
5 Fuel Selector	BOTH

### CRUISE

1 Power	55 - 75%
2 Carburetor Heat	COLD
3 Mixture	
Best Power	PEAK RPM
Best Economy	50 RPM LEAN
FROM PEAK RPM	
4 Elevator Trim	SET

### DESCENT

1 Plan	3 NM/1000 FT
2 Power	AS REQUIRED
3 Mixture	AS REQUIRED
4 Fuel Selector	BOTH

### BEFORE LANDING

1 Approach	BRIEFED
2 Seats/Belts	SECURE
3 Fuel Selector	BOTH
4 Mixture	RICH (BLO 3000 FT)
5 Carburetor Heat	AS REQUIRED
6 Lights	AS REQUIRED
7 Vref (Flaps DOWN)	55 - 65 KIAS

### BALKED LANDING

1 Throttle	FULL
2 Carburetor Heat	COLD
3 Rate of Climb	POSITIVE
4 Flaps	RETRACT TO 20°
5 Airspeed	55 KIAS
<b>After obstacles are cleared...</b>	
6 Airspeed	59 KIAS
7 Flaps	UP AT SAFE ALT

### AFTER LANDING

1 Ground	MONITOR
2 Pitot Heat	OFF
3 Carburetor Heat	COLD
4 Throttle	800 to 1000 RPM
5 Flaps	UP
6 Lights	AS REQUIRED
7 Mixture	LEAN MAX RPM

### SECURING AIRPLANE

1 Flight Plan	CLOSED
2 Parking Brake	SET
3 Avionics Master	OFF
4 Elect Equip	OFF
5 Mixture	OFF
6 Magnetos & Keys	OFF/OUT
7 BAT/ALT Masters	OFF
8 Tiedowns/Chocks	INSTALL

TERMINAL CHART (NM)

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