

CHECKLIST: Cessna Rocket FR172F

D-EABG

PREFLIGHT

1. Aircraft Log & Documents incl. HIL CHECKED
2. Walk Around acc. AFM COMPLETED
3. Tow Bar REMOVED
4. Fuel Quantity & Indicators CHECKED
5. Oil level MIN 7 QTS – MAX 10 QTS
6. Baggage Door CLOSED
7. Pitot Cover & Control Lock REMOVED

BEFORE ENGINE START

1. Passenger Briefing COMPLETED
2. Seats and Seat Belts ADJUSTED & LOCKED
3. Parking Brake SET
4. Flight Controls CHECKED FREE
5. Electrical Consumers & Avionics OFF
6. Fuel Selector BOTH
7. Fuel Shut-Off Valve ON (full in)
8. Master Switch ON
9. Mixture RICH
10. Propeller HIGH RPM
11. Throttle ONE INCH
12. Circuit Breakers CHECKED

ENGINE START

1. Beacon ON
2. Primer (cold Engine only) 3-5 STROKES
3. Auxiliary Fuel Pump LOW
4. Propeller Area CLEAR
5. Ignition Switch START
6. Throttle 1000 RPM
7. Auxiliary Fuel Pump OFF
8. Oil Pressure (within 30 sec.) GREEN ARC
9. Ammeter CHECKED

AFTER ENGINE START

1. Avionics Master ON
2. NAV Lights AS REQUIRED
3. Flight Instruments SET & CHECKED
4. Avionics SET
5. Radio CHECKED

TAXI CHECK

1. Brakes CHECKED
2. Horizon CHECKED
3. Turn & Bank Coordinator L&R CHECKED
4. Dir. Gyro & Compass CHECKED, TURNING

ENGINE RUN-UP

1. Parking Brake SET
2. Area Behind CLEAR
3. Oil Pressure & Oil Temperature GREEN ARC
4. Fuel Selector BOTH
5. Mixture RICH
6. Throttle 1800 RPM
7. Ignition Switch L+R (max. 125/50) CHECKED
8. Propeller (3 Cycles) FUNCTION CHECKED
9. Suction Gauge (4.6 – 5.4) CHECKED
10. Ammeter CHECKED
11. Throttle IDLE / 1000 RPM

BEFORE LINE UP

1. Departure Briefing COMPLETED
 2. Autopilot OFF
 3. Flaps (10° Normal T/O) AS REQUIRED
 4. Trim TAKE OFF SETTING
 5. Flight Controls FREE
 6. Primer LOCKED
 7. Mixture AS REQUIRED
 8. Windows & Doors CLOSED & LOCKED
 9. Transponder CHECKED
- When ready and cleared to line-up*
10. Landing Light ON

CLIMB CHECK

1. Flaps UP
2. Climb Power (25"/2600 RPM) SET
3. Mixture LEAN FOR 13 USG/H

CRUISE CHECK

1. Cruise Power (acc. AFM) SET
2. Mixture LEAN FOR CRUISE
3. Fuel Quantity L+R CHECK ENDURANCE
4. Directional Gyro RECHECKED

DESCENT CHECK

1. Approach Briefing COMPLETED
2. Flight Instruments SET
3. Avionics SET
4. Power AS DESIRED
5. Mixture ADJUST FOR SMOOTH OPS

CHECK FOR APPROACH

1. Fuel Quantity CHECKED
2. Fuel Selector BOTH
3. Mixture AS REQUIRED

FINAL CHECK

1. Flaps 30° or 40°
2. Propeller HIGH RPM

AFTER LANDING CHECK

1. Flaps UP
2. Landing Light OFF
3. Transponder STBY

ENGINE SHUT DOWN

1. Parking Brake SET
2. ELT 121.5 CHECKED
3. Flight Times NOTED
4. Avionics Master OFF
5. Electrical Consumers **except** Beacon OFF
6. Throttle IDLE
7. Mixture CUT OFF
8. Ignition Key OFF
9. Beacon OFF
10. Master Switch OFF
11. Fuel Selector RIGHT
12. Control Lock INSTALLED
13. Paper Work (Logs, HIL) DONE

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D-EABG

PROCEDURES

START TAXI

1. Throttle 1000 RPM
2. Taxi Area CLEAR
3. Taxi Light ON
4. Parking Brake RELEASED

STOP TAXI

1. Parking Brake SET
2. Taxi Light OFF
3. Throttle 1000 RPM

LINE UP

1. Approach Sector FREE
2. Runway IDENTIFIED
3. Wind CHECKED
4. RWY Heading CHECKED

TAKE OFF

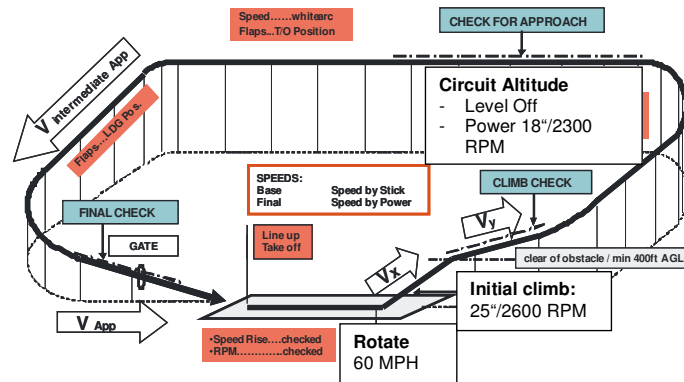
1. Time CHECKED
2. Brakes RELEASED
3. TO Power (Throttle Full/2800 RPM) SET
4. Mixture LEAN if required
5. Speed Rise CHECKED
6. Rotate at Vrot

INITIAL CLIMB OUT

- If Obstacles ahead**
1. Climb with Vx 75 MPH

- Clear of Obstacles or no Obstacles ahead**
2. Accelerate to Vy 95 MPH
 3. When convenient Vcc 100-110 MPH
 4. Above safe ALT 400 ft AAL FLAPS UP

CIRCUIT



SPEEDS	
V _{SO}	56 MPH
V _S	64 MPH
V _{rot}	60 MPH
V _x	75 MPH
V _y	95 MPH
V _{CC}	100-110 MPH
V _{FE}	100 MPH
V _{InitialApp}	95 MPH
V _{Interm. App}	80 MPH
V _{App}	75 MPH
V _A	126 MPH
V _{NO}	145 MPH
V _{NE}	181 MPH
V _{BestGlide}	85 MPH
V _{X-Wind}	15 KTS

GO AROUND / TOUCH AND GO

1. Power / Prop / Attitude FULL / HIGH RPM / G/A
 2. Flaps 20°
 3. Speed Vx
- Follow T/O procedure**

WEIGHTS

- Maximum take-off weight 2500 lbs / 1134 kg
 Basic empty weight 1548 lbs / 702 kg
 Payload 952 lbs / 432 kg

FUEL

- Total capacity 196.8 lt / 52 USG
 Usable fuel 174.1 lt / 46 USG

Altitude	MP	RPM	% BHP	TAS MPH(KTS)	Fuel Flow USG/H
2500 ft	25	2400	73	139 (121)	11.1
5000 ft	22	2500	68	137 (119)	10.3
7500 ft	21	2500	66	139 (121)	10.1
10'000 ft	19	2600	63	138 (120)	9.6
15'000 ft	15	2600	49	123 (107)	7.6

Abstract: "Table Cruise Lean POH"

DEPARTURE BRIEFING

1. Runway / Wind
2. Speeds
3. Routing / Altitudes / Airspace restrictions
4. Abnormal / Emergency situations

APPROACH BRIEFING

1. Wind
2. Runway in use
3. Routing
4. Altitudes / Airspace restrictions
5. Speeds
6. Missed approach procedure
7. Taxi after LDG (first turn)