

SUNRISE AVIATION

CESSNA 172 S---180hp

PREFLIGHT INSPECTION

1. Squawk sheet & Hobbs.....CHECK
2. AROW documents.....CHECK
3. Control lock REMOVE
4. Avionics Master OFF
5. Accessories OFF
6. Ignition Switch OFF/KEY OUT
7. Master Switch-Battery sideON
8. Annunciator Lights..... TEST
9. FlapsDOWN 10
10. Fuel gauges.....CHECK
11. Master Switch..... OFF
12. Fuel Shut-off valveON
13. Exterior pre-flight PERFORM

PRE-START

1. Seat ADJUSTED
2. Seat belts, HarnessesON
3. Brakes SET
4. Fuel Shut-off Valve.....ON
5. Fuel Selector BOTH
6. Circuit breakers ALL IN
7. Avionics Master & Access OFF
8. Clock SET

STARTING ENGINE

1. Master Switch--Battery Side.....ON
2. Throttle FULL
3. Oil Temp..... CHECK FOR 130°
4. Mixture.....ENGINE COLD: RICH
..... ENGINE HOT: LEAN
5. Aux Pump..... COLD: ON 3 SEC
..... HOT: FUNCTION CHECK
6. Throttle 1/4"
7. Mixture.....LEAN
8. Area..... CLEAR

9. Ignition Switch START
..... MIX RICH AS ENG. CATCHES
10. Throttle 1000 RPM
11. Oil pressure.....CHECK
12. Alternator.....ON
13. Ammeter, Suction.....CHECK

PRE-TAXI

1. BeaconON
2. Flaps FULL DOWN, UP
3. Mixture LEANED SLIGHTLY
4. Avionics MasterON
5. GPS Database & OpsCHECK
6. ATIS, AltimeterRECEIVED
7. ClearanceRECEIVED
8. Ground Control.....CONTACT

TAXI

1. Brakes and Steering..... CHECK
2. Mag Compass CHECK
3. Attitude indicatorCHECK
4. Heading IndicatorCHECK
5. Turn CoordinatorCHECK

ENGINE RUNUP & PRE-TAKEOFF

1. Nosewheel straight..... PARK
2. Area..... CLEAR
3. Brakes SET
4. Mixture Idle Check
..... 10/50 RPM MAX RISE
5. Mixture RICH
6. Throttle 1700 RPM
7. Engine GaugesCHECK
8. Mixture . LEAN & SET 1/2 WAY IN
9. MAGS...(R-B-L-B)125 MAX DROP
..... (50 MAX DIFFER.)
10. Ammeter..... CHECK WITH FLAPS
CONTINUED

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- 11. SuctionCHECK
- 12. ThrottleIDLE CHECK
- 13. Throttle 1200 RPM
- 14. Flight Instruments.. CHECK & SET
- 15. Fuel Selector BOTH
- 16. Fuel Shutoff ValveON
- 17. Fuel CHECK QUANTITY
- 18. Trim SET & CHECK
- 19. Flaps SET & CHECK
- 20. Throttle Friction SET
- 21. Mags/Master.....CHECK
- 22. Doors and Windows CLOSED
- 23. Controls FREE & CORRECT
- 24. Radios SET
- 25. AutoPilot..... FUNCTION CHECK
- 26. Transponder
.....SET CODE, STANDBY

- 7. Engine gaugesCHECK
- 8. Seat belts SECURE

POST LANDING-CLEAR OF RUNWAY

- 1. Lights..... OFF AS NECESSARY
- 2. Aux Pump..... OFF
- 3. FlapsUP
- 4. Radios SET

SHUT DOWN

- 1. Throttle 1000 RPM
- 2. Radios, Intercom & ElectricOFF
- 3. MagsOFF BRIEFLY, THEN ON
- 4. MixtureIDLE CUT OFF
- 5. Mags OFF, KEY OUT
- 6. MASTER OFF

NORMAL TAKEOFF

- 1. Runway Items
..... LIGHTS, CAMERA, ACTION
- 2. Throttle FULL
- 3. RPM, Oil Pressure.....CHECK
- 4. Rotate..... 50 KTS
- 5. Climb Vx OR Vy

SECURING AIRCRAFT

- 1. Tiedown.....THREE POINTS
- 2. Chocks ... ONE WHEEL MINIMUM
- 3. Control LockINSTALLED
- 4. Hobbs and TachRECORDED
- 5. Prop.....VERTICAL
- 6. Headsets & Checklists REMOVED
- 7. Doors (3) LOCKED

CRUISE

- 2. Power REDUCE
- 3. Mixture
.....LEAN AS NECESSARY

LANDING

- 1. Gas.....ON BOTH
- 2. UndercarriageDOWN
- 3. Mixture..... SET
- 4. Prop..... SET
- 5. BrakesCHECK
- 6. Lights.....ON

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