

SUNRISE AVIATION

ECLIPSE (DA 20-C1)

PREFLIGHT INSPECTION

1. Squawk sheet & Hobbs CHECK
2. Structural Temp..... CHECK
3. AROW documents CHECK
4. Control lock..... REMOVE
5. Avionics Master OFF
6. Accessories OFF
7. Ignition Switch OFF/KEY OUT
8. Master Switch-Battery side ON
9. Annunciator Lights TEST
10. Flaps..... SET FOR T.O.
11. Fuel gauges..... CHECK
12. Master Switch OFF
13. Exterior pre-flight PERFORM

PRE-START

1. Rudder Pedals ADJUSTED
2. Seat belts, Harnesses ON
3. Brakes SET
5. Fuel valve OPEN
6. Circuit breakers ALL IN
7. Avionics Master & Access..... OFF
8. Clock..... SET
9. Canopy
..... CLOSED/ANNUN. CHECK

STARTING ENGINE

1. Master Switch--Battery Side ON
2. Mix RICH
3. Fuel Pump ON
4. Primer ON
5. Throttle..... FULL 3 SECONDS
..... LESS IF OIL TEMP >130°
- 6 Throttle..... 1/2"
..... 1" WHEN OIL TEMP >130°
7. Area CLEAR

8. Ignition Switch START
9. Throttle..... 1000 RPM
10. Oil pressure CHECK
11. Primer OFF
12. Starter Warning..... OFF
13. Generator ON
14. Ammeter CHECK
15. Voltmeter CHECK

PRE-TAXI

1. Strobe ON
2. Flaps FULL, RETRACT
3. Mixture LEANED SLIGHTLY
4. Avionics Master ON
5. GPS Database & Ops..... CHECK
6. ATIS, Altimeter RECEIVED
7. Clearance RECEIVED
8. Ground Control CONTACT

TAXI

1. Brakes and Steering CHECK
2. Mag Compass CHECK
3. Attitude indicator CHECK
4. Heading Indicator CHECK
5. Turn Coordinator..... CHECK

ENGINE RUNUP & PRE-TAKEOFF

1. Nosewheel straight PARK
2. Area CLEAR
3. Brakes SET
4. Mixture RICH
5. Throttle..... 1700 RPM
6. Engine Gauges CHECK
- 7 Mixture CHECK & SET RICH
8. Alternate Air CHECK
9. MAGS .. (R-B-L-B) 175 MAX DROP
..... (50 MAX DIFFER.)
10. Ammeter CHECK WITH FLAPS

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CONTINUED

11. Vacuum..... CHECK
12. Fuel Pressure CHECK
13. Throttle..... IDLE CHECK
14. Throttle..... 1200 RPM
15. Flight Instruments ...CHECK & SET
16. Fuel Pump ON
17. Flaps..... SET T.O. & CHECK
18. Throttle Friction.....SET
19. Mags/Master CHECK
20. Windows CLOSED
22. Elevator TrimSET
23. Controls FREE & CORRECT
24. RadiosSET
25. Annunciator Panel CHECK
26. Transponder
..... SET CODE, STANDBY

NORMAL TAKEOFF

1. Canopy CLOSED
2. Runway Items
..... LIGHTS, CAMERA, ACTION
3. Throttle..... FULL
3. RPM, Oil Pressure CHECK
4. Rotate 44 KTS
5. Climb 58 kts Vx
6. Flaps..... RETRACT @ 500' AGL

ENROUTE CLIMB (1000' AGL)

1. Fuel Pump OFF
2. Airspeed..... 75 kts Vy

CRUISE

1. Power REDUCE
2. Mixture..... LEAN , CHECK EGT

LANDING

1. Fuel Pump ON
2. Gas OPEN

3. Undercarriage..... DOWN
4. Mixture SET
5. Prop SET
6. Brakes CHECK
7. Lights ON
8. Engine gauges..... CHECK
9. Seat belts..... SECURE

POST LANDING-CLEAR OF RUNWAY

1. Lights OFF AS NECESSARY
2. Fuel Pump OFF
3. Flaps UP
4. Radios SET

SHUT DOWN

1. Throttle..... 1000 RPM
2. Radios, Intercom & Electric ... OFF
3. Mags..... OFF BRIEFLY, THEN ON
4. Mixture..... IDLE CUT OFF
5. Mags..... OFF, KEY OUT
6. MASTER..... OFF

SECURING AIRCRAFT

1. Tiedown THREE POINTS
2. Chocks..... ONE WHEEL MINIMUM
3. Control Lock INSTALLED
4. Hobbs and Tach..... RECORDED
5. Prop VERTICAL
6. Headsets & Checklists. REMOVED
7. Canopy LOCKED

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