

PREFLIGHT

- Doors & Windows UNLOCK
- Control Lock REMOVE/STOW
- Required Documents (AROW) CHECK
- Maintenance Summary CHECK
- Squawk Log (SM & Paper) CHECK
- Aircraft Log ENTER
- Battery Master ON
- Lights & Pitot Heat ON
- Flaps DOWN
- Fuel Gauges CHECK QUANTITY
- Fuel ORDER IF NEEDED
- L Wing Strobe FLASHING
- L Position Light (Red) LIT
- Tail Beacon FLASHING
- Tail Position Light (White) LIT
- R Wing Strobe FLASHING
- R Position Light (Green) LIT
- Landing / Taxi Light LIT
- Pitot Heat WARM
- Battery Master OFF
- Lights & Pitot Heat OFF
- Pitot Cover REMOVE/STOW
- Baggage Door UNLOCK
- Fuel Tester & Dipstick COLLECT
- L Fuel Sump DRAIN/CHECK
- L Flap Support & Linkage CHECK
- L Aileron Linkage & Hinges CHECK
- L Wing Underside CHECK
- L Wing Tip UNDAMAGED
- L Position & Strobe Lights SECURE
- L Aileron & Flap Top Surface UNDAMAGED
- L Empennage CHECK/UNDAMAGED
- L Horizontal Stabilizer CHECK
- L Elevator & Counterweight FREE & CORRECT
- Elevator Cables (2) CHECK TENSION
- Rudder Cables (2) CHECK TENSION
- Tail Tie Down Chain REMOVE
- Tail Beacon & Position Light SECURE
- R Elevator & Counterweight FREE & CORRECT
- Trim Tab & Linkage SECURE
- R Empennage CHECK/UNDAMAGED

ENGINE START

- R Aileron & Flap Top Surface UNDAMAGED
- R Position & Strobe Lights SECURE
- R Wing Tip UNDAMAGED
- R Flap Support & Linkage CHECK
- R Aileron Linkage & Hinges CHECK
- R Wing Underside CHECK
- R Tire Tread & Inflation CHECK/NO CORDS
- R Brake SECURE/NO LEAKS
- R Fuel Sump DRAIN/CHECK
- R Strut SECURE/UNDAMAGED
- R Tie Down Chain REMOVE
- R Fuel Level DIP/VERIFY
- R Wing Surface UNDAMAGED
- R Fuel Tank Cap SECURE
- R Wing Openings UNBLOCKED
- Nose Strut INFLATED (3 fingers)
- Nose Wheel Tread & Inflation CHECK
- Cowl Access Panel RELEASE
- Engine Fuel Drain RELEASE/CHECK FUEL
- Engine Oil CHECK QUANTITY
- Add oil if needed*
- Cowl Screws SECURE
- Propeller NO NICKS/SCRATCHES
- Spinner SECURE/UNDAMAGED
- Alternator Belt SECURE/CHECK TENSION
- Engine Openings UNBLOCKED
- Landing Light SECURE/UNDAMAGED
- Engine Access Panel SECURE
- Static Port UNBLOCKED
- L Wing Openings UNBLOCKED
- L Fuel Level DIP/VERIFY
- L Fuel Tank Cap SECURE
- L Wing Surface UNDAMAGED
- L Strut SECURE/UNDAMAGED
- L Tie Down Chain REMOVE
- Pitot Tube SECURE/UNBLOCKED
- L Tire Tread & Inflation CHECK/NO CORDS
- Fuel Tester & Dipstick STOW
- Towbar REMOVE
- Aircraft Log ENTER OIL AND FUEL LEVELS
- Tow aircraft out of spot
- Towbar STOW
- Baggage Door CLOSED/LOCKED
- Seats/Belts/Harness
- Doors
- Passenger Briefing
- Fire Extinguisher
- Avionics Master
- Circuit Breakers
- Brakes
- Battery Master
- Beacon
- Mixture
- Throttle
- Primer (if needed)
- Primer
- Key (do not turn)
- CLEAR!!
- Key
- Throttle
- Oil Pressure
- Mixture
- Alternator Master
- Ammeter
- High/Low Voltage Light
- Fuel Quantity (EGT)
- Lights
- Avionics Master
- Flaps
- GPS Database
- Radio Frequencies
- ATIS/AWOS
- Altimeter
- Altimeter
- Directional Gyro
- Parking Brake
- Toe Brakes
- ADJUST SECURE COMPLETE LOCATE OFF IN SET ON ON ON
- FULL RICH (in) ¼ INCH
- 2 - 3 STROKES LOCK IN
- START
- ADJUST 1000 RPM GREEN
- LEAN OUT 1" ON
- CHARGING OFF
- CHECK/SET AS NEEDED ON UP
- CURRENT SET RECORD SET
- VERIFY FIELD ELEV. SET
- RELEASE TEST/VERIFY
- Runway and Route
- Taxi to Runup Area
- AI/DG/TC/Ball
- RECORD/REVIEW
- VERIFY DURING TAXI

For Taxi: [\[Airport\]](#) ground, Skyhawk [\[Tail#\]](#) at [\[Location\]](#). Taxi for takeoff with [\[ATIS Code\]](#).

RUNUP (CIGARRS)

- Brakes SET
 - C**ONTROLS
 - Controls (box pattern) FREE & CORRECT
 - I**NSTRUMENTS
 - Altimeter SET/VERIFY APT. ELEV.
 - Attitude Indicator VERIFY ERECT/SET
 - Turn Coordinator VERIFY/LIQUID/BALL
 - Directional Gyro VERIFY/SET
 - Vertical Speed Indicator NOTE POSITION
 - G**AS
 - Fuel Selector BOTH
 - Fuel Quantity VERIFY
 - A**TTITUDE
 - Trim TAKEOFF
 - Flaps SET AS REQUIRED
 - R**UNUP
 - Mixture FULL RICH (In)
 - Throttle 1700 RPM
 - Magnetos DROP <125 RPM / DIFF. <50 RPM
 - L-Both-R-Both RPM DROP
 - Carb Heat On
 - Carb Heat Off
 - Suction (if applicable)
 - Ammeter GREEN
 - Oil Pressure GREEN
 - Oil Temperature GREEN
 - Throttle IDLE - SMOOTH?
 - Mixture LEAN 1"
 - Speeds (Vx, Vy, etc.) REVIEW
 - R**ADIOS
 - GPS - Route SET
 - GPS - Radio SET
 - COM2/NAV2 SET
 - Transponder SET CODE/ALT.
 - S**ECURITY
 - Doors & Windows LOCK
 - Seat belts & Harnesses SECURE
- For Takeoff: [\[Airport\]](#) Tower. Skyhawk [\[Tail#\]](#)
holding short [\[Rwy#\]](#). [\[Departure Request\]](#).
- Takeoff Clearance READ BACK

TAKEOFF

- L**IGHTS
 - Beacon/Strobes ON
 - Position & Landing Lights AS REQUIRED
- C**AMERA
 - Transponder ALT
 - Carb Heat OFF
 - Mixture FULL RICH (In)
- A**CTION
 - Line up on Runway
 - Throttle FULL
 - Yoke LIGHT BACK PRESSURE
 - Rudder STAY ON CENTERLINE
 - Engine Instruments VERIFY

BEFORE LANDING (GUMPS)

- G**AS
 - Fuel Selector BOTH
- U**NDERCARRIAGE
 - Gear DOWN AND LOCKED
- M**IXTURE
 - Mixture FULL RICH
- P**ROPELLER
 - Propeller FULL FORWARD
- S**ECURITY
 - Seatbelts & Harnesses SECURE
 - Doors & Windows LOCKED

LANDING

- Carb Heat ON
- Flaps FULL

AFTER LANDING

- Fuel Selector BOTH
- Elevator Trim TAKEOFF
- Carb Heat COLD
- Throttle 1000 RPM
- Mixture LEAN 1"
- Flaps UP
- Lights OFF AS APPROPRIATE
- Radio Frequencies SET

[\[Airport\]](#) Ground. Skyhawk [\[Tail#\]](#) clear of [\[Rwy#\]](#). Taxi [\[Back for takeoff\]](#) or [\[to row #\]](#).

SHUTDOWN

- ELT (121.5/pull squelch) CHECK
- Radio SET ORIGINAL FREQ
- Avionics Master OFF
- Throttle 1000 RPM
- Mixture LEAN TO IDLE CUTOFF (full out)
- Master (Batt. & Alt.) OFF
- Key OFF & REMOVE

PARKING & SECURING

- Push into parking spot
- Chocks INSERT
- Aircraft Log ENTER/TAKE PICTURE FOR SM
- Gust Lock INSTALL
- Pitot Cover INSTALL
- Sunshade (?) INSTALL
- Trash CLEAR
- Personal Items REMOVE
- Doors & Windows LOCK
- L Tie Down Chain INSTALL
- Tail Tie Down Chain INSTALL
- R Tie Down Chain INSTALL
- Exterior Cover (?) INSTALL

FREQUENCIES

SAN GABRIEL VALLEY (EI Monte) -

- K**EMT 118.75
- A**TIS 125.90
- Ground 121.20
- Tower (626) 695-2585
- Billion Air Aviation (Fuel) (626) 825-1661

BRACKETT FIELD - KPOC

- A**TIS 124.40
- Ground 125.00
- Tower 118.20
- Clearance Delivery 121.875

CHINO - KCNO

- A**TIS 125.85
- Ground 121.60
- Tower 118.50
- Unicom 122.95