

## 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

□ 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
<i>Add oil if needed</i>	
□ 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

## ENGINE START

□ Seats/Belts/Harness	ADJUST
□ Doors	SECURE
□ Passenger Briefing	COMPLETE
□ Fire Extinguisher	LOCATE
□ Avionics Master	OFF
□ Circuit Breakers	IN
□ Brakes	SET
□ Battery Master	ON
□ Beacon	ON
□ Mixture	FULL RICH (in)
□ Throttle	¼ INCH
□ Primer (if needed)	2 - 3 STROKES
□ Primer	LOCK
□ Key (do not turn)	IN
□ CLEAR!!	
□ Key	START
□ Throttle	ADJUST 1000 RPM
□ Oil Pressure	GREEN
□ Mixture	LEAN OUT 1"
□ Alternator Master	ON
□ Ammeter	CHARGING
□ High/Low Voltage Light	OFF
□ Fuel Quantity (EGT)	CHECK/SET
□ Lights	AS NEEDED
□ Avionics Master	ON
□ Flaps	UP
□ GPS Database	CURRENT
□ Radio Frequencies	SET
□ ATIS/AWOS	RECORD
□ Altimeter	SET
□ Altimeter	VERIFY FIELD ELEV.
□ Directional Gyro	SET
□ Parking Brake	RELEASE
□ Toe Brakes	TEST/VERIFY

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

□ Runway and Route	RECORD/REVIEW
□ Taxi to Runup Area	
□ AI/DG/TC/Ball	VERIFY DURING TAXI

## RUNUP (CIGARRS)

- Brakes SET

### CONTROLS

- Controls (box pattern) FREE & CORRECT

### INSTRUMENTS

- Altimeter SET/VERIFY APT. ELEV.
- Attitude Indicator VERIFY ERECT/SET
- Turn Coordinator VERIFY/LIQUID/BALL
- Directional Gyro VERIFY/SET
- Vertical Speed Indicator NOTE POSITION

### GAS

- Fuel Selector BOTH
- Fuel Quantity VERIFY

### ATTITUDE

- Trim TAKEOFF
- Flaps SET AS REQUIRED

### RUNUP

- Mixture FULL RICH (In)
- Throttle 1700 RPM
- Magnetos DROP <125 RPM / DIFF. <50 RPM  
L-Both-R-Both
- Carb Heat On RPM DROP
- Carb Heat Off
- Suction (if applicable) GREEN
- Ammeter CHARGING (>0)
- Oil Pressure GREEN
- Oil Temperature GREEN
- Throttle IDLE - SMOOTH?
- Mixture LEAN 1"
- Speeds (Vx, Vy, etc.) REVIEW

### RADIOS

- GPS - Route SET
- GPS - Radio SET
- COM2/NAV2 SET
- Transponder SET CODE/ALT.

### SECURITY

- Doors & Windows LOCK
- Seat belts & Harnesses SECURE

For Takeoff: [\[Airport\]](#) Tower. Skyhawk [\[Tail#\]](#)  
holding short [\[Rwy#\]](#). [\[Departure Request\]](#).

- Takeoff Clearance READ BACK

## TAKEOFF

### LIGHTS

- Beacon/Strobes ON
- Position & Landing Lights AS REQUIRED

### CAMERA

- Transponder ALT
- Carb Heat OFF
- Mixture FULL RICH (In)

### ACTION

- Line up on Runway
- Throttle FULL
- Yoke LIGHT BACK PRESSURE
- Rudder STAY ON CENTERLINE
- Engine Instruments VERIFY

## BEFORE LANDING (GUMPS)

### GAS

- Fuel Selector BOTH

### UNDERCARRIAGE

- Gear DOWN AND LOCKED

### MIXTURE

- Mixture FULL RICH

### PROPELLER

- Propeller FULL FORWARD

### SECURITY

- 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 (El Monte) - KEMT

- ATIS 118.75
- Ground 125.90
- Tower 121.20
- Airport Operations (Fuel) (626) 695-2585
- Billion Air Aviation (Fuel) (626) 825-1661

### BRACKETT FIELD - KPOC

- ATIS 124.40
- Ground 125.00
- Tower 118.20
- Clearance Delivery 121.875

### CHINO - KCNO

- ATIS 125.85
- Ground 121.60
- Tower 118.50
- Unicom 122.95