

PRE-FLIGHT INSPECTION

COCKPIT SAFETY INSPECTION	COMPLETE
DOCUMENTS	A. R. O. W. REVIEW

Air Worthiness, Registration, Owner Handbook, Weight & Balance

PREFLIGHT AREA 1 - CABIN PREPARATION

CONTROL LOCK	REMOVE
MAG / IGNITION SWITCH	OFF
MASTER SWITCH	ON
FUEL QUANTITY GUAGES	CHECK
FLAPS	DOWN
EXTERIOR LIGHTS	CHECK
STALL WARNING (N8404U)	CHECK
MASTER SWITCH	OFF

FUEL SELECTOR	BOTH
FUEL SUMP (N8404U: Aircraft Interior-Lower-Left Panel)	DRAIN
BAGGAGE COMPARTMENT	INSPECT

PREFLIGHT AREA 2 - AFT FUSELAGE / EMPHANGE

TAIL TIE DOWN	REMOVE
CONTROL SURFACES (Movement & Security)	CHECK

PREFLIGHT AREA 3 - RIGHT AFT WING

FLAP & AILERON (Movement & Security)	INSPECT
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PREFLIGHT AREA 4 - RIGHT WING / GEAR / FUEL TANK

RIGHT WING TIP / LIGHT	CHECK
WING TIE DOWN	REMOVE
RIGHT GEAR CHOCK	REMOVE
MAIN TIRE & STRUT ASSEMBLY	CHECK
FUEL QUALITY	INSPECT
FUEL QUANTITY	VISUALLY CHECK
FUEL FILLER CAP	SECURE

PREFLIGHT AREA 5-FORWARD FUSELAGE/ENGINE AREA/NOSE GEAR

ENGINE COMPARTMENT (N15RA)	VISUALLY INSPECT
OIL LEVEL (N15RA)	Min 6 Qts-Max 8 Qts CHECK
FUEL SUMP / QUALITY (N15RA)	DRAIN
PROP / SPINNER (Nicks & Security)	INSPECT

Check carburetor air filter for restriction by Dust / Other Matter

CARBURETOR AIR FILTER	INSPECT
NOSE STRUT & TIRE	CHECK
NOSE TIE DOWN / CHOCK	REMOVE
OIL LEVEL (N8404U: Min 6 Qts - Max 8 Qts)	CHECK
STATIC PORT	CLEAR

PREFLIGHT AREA 6 - LEFT WING / GEAR / FUEL TANK

FUEL QUANTITY	VISUALLY CHECK
FUEL FILLER CAP	SECURE
FUEL QUALITY	INSPECT
MAIN TIRE ASSEMBLY	CHECK
LEFT GEAR CHOCK	REMOVE

PREFLIGHT AREA 7 - LEFT WING/LEADING EDGE/PITOT/STALL WARN

PITOT TUBE COVER	REMOVE
PITOT TUBE	CHECK FOR BLOCKAGE
STALL WARNING VANE	CHECK FOR BLOCKAGE
FUEL TANK VENT	CHECK FOR BLOCKAGE
WING TIE DOWN	REMOVE
LANDING LIGHT	INSPECT
LEFT WING TIP / LIGHT	CHECK

PREFLIGHT AREA 8 - LEFT AFT WING & COCKPIT

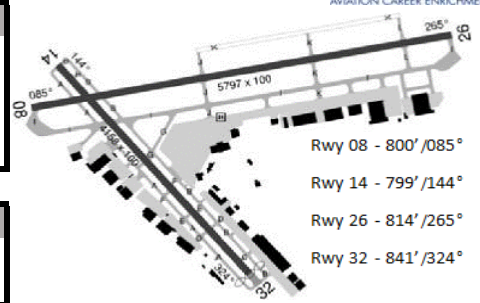
AILERON & FLAP	INSPECT
BAGGAGE COMPARTMENT	CLOSED & LOCKED

*** End Of PRE-FLIGHT INSPECTION Checklist ***

20211214

KFTY	
ATIS	120.17
Ground	121.7
Tower	118.45
ATL App	121.0

KPUJ - Rwy 13/31	
AWOS	126.225
CTAF	123.075



Final Walk-Around **ACCOMPLISH**
Tie Downs, Chocks, Covers, Leaks, Security of Doors and Latches

BEFORE ENGINE START BEFORE STARTING ENGINE

PREFLIGHT & AROW CHECK	COMPLETE
HOBBS / TACH TIME	RECORD
SEAT / SEATBELT	LOCKED / FASTENED
CREW & PASSENGER BRIEF	COMPLETE

"SAFETY PLUS" CHECK

SEE SUPPLEMENTAL CHECKLIST GUIDE

BRAKES	PEDALS TEST & SET
FUEL SELECTOR	BOTH
ELEVATOR TRIM	TAKEOFF POSITION
CIRCUIT BREAKERS	CHECK
AVIONICS MASTER SWITCH	OFF
CARBURETOR HEAT	OFF / AS REQUIRED
MIXTURE	RICH
THROTTLE	POSITION FOR ENGINE START
PRIME	AS REQUIRED, THEN LOCK
BEACON	ON
PROP AREA	"CLEAR PROP" CLEAR
MASTER	ON

ENGINE START

(If no start within 10 seconds: re-prime and attempt restart)

< If no oil pressure within 10 seconds: **ABORT** start >

MAGS	START
OIL PRESSURE	CHECK
ENGINE GUAGES	CHECK
THROTTLE	IDLE RPM

BEFORE TAXI

AVIONICS MASTER SWITCH	ON
MIXTURE	AS REQUIRED
FLAPS	VISUALLY CHECK UP/AS REQUIRED
HEAT / VENTS / DEFROST	SET
TRANSPONDER	"VFR" or SQUAWK SET
ATTITUDE & HEADING INDICATOR	SET & CHECK
LIGHTS	AS REQUIRED
ATIS / AWOCs / CLEARANCE	OBTAIN

Request Taxi Clearance if at Tower Controlled Airport

If non-tower airport announce intentions on CTAF

ALTIMETER	SET
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TAXI

BRAKES	TEST
TURN COORDINATOR (during taxi)	CHECK
HEADING INDICATOR & COMPASS	CHECK & SET
FLIGHT INSTRUMENTS	CHECK

BEFORE TAKEOFF

TOWER FREQUENCY	MONITOR
BRAKES	CHECK & SET
FLIGHT CONTROLS	FREE & CORRECT
FUEL SELECTOR	BOTH
TRIM	SET FOR TAKEOFF
MIXTURE	RICH / BEST POWER

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THROTTLE 1700 RPM

ENGINE INSTRUMENTS / AMMETER	CHECK
SUCTION GAUGE	CHECK 4.6" to 5.4"
L & R MAG	DIFFERENTIAL CHECK

@ 1700 RPM: Max Drop ≤ 125 RPM / Max Diff ≤ 50 RPM

CARBURETOR HEAT (Check for Slight Drop)	ON
THROTTLE	FULL IDLE
CARBURETOR HEAT	OFF
THROTTLE FRICTION	ADJUST
THROTTLE	NORMAL IDLE RPM

FLAPS VISUALLY CHECK UP/AS REQUIRED

• Takeoff / Departure Briefing REVIEW

C- Conditions	IFR: "CRAFT"
H - Hazards	C - Clearance
O - Operational Changes Required	R - Route
R - Runway Required and Available	A - Altitude
R - Return Procedure / Low Altitude Emerg	F - Frequency
D - Departure Route	T - Transponder

Runway, First Fix/Direction, Heading, Altitude, Airspeeds

• Takeoff Data (2260 rpm min) REVIEW-SET

Vs: 57 MPH Vr: 60 MPH Vx: 68 MPH Vy: 82 MPH

BEFORE TAKEOFF - FINAL ITEMS

TRANSPONDER	POWERED: SQUAWK SET
TIME	RECORD
BRAKES	RELEASE

TAKEOFF

DOORS & WINDOWS	CLOSED
STROBES / LANDING LIGHT	AS REQUIRED
HEADING INDICATOR	CHECK RWY HEADING
ATTITUDE INDICATOR	CHECK
ENGINE & FLIGHT INSTRUMENTS	CHECK

"HATES" ✓: Heading Ind, Attitude Ind, Time, Engine Instruments, Speeds

CLIMB

POWER	FULL THROTTLE
MIXTURE	BEST POWER
INSTRUMENTS	CHECK
LANDING LIGHTS	OFF
FLIGHT PLAN	OPEN

CRUISE

POWER	GREEN BAN - PERF CHART
TRIM	ADJUST
MIXTURE	LEAN AS REQUIRED
INSTRUMENTS	CHECK
HEADING INDICATOR / COMPASS	CHECK
FUEL TANK	(Only if above 5000') SELECT L or R

DESCENT

ATIS / AWOCs / CLEARANCE	OBTAIN
ALTIMETER	SET
SEATBELT / SHOULDER HARNESS	ADJUST
FUEL SELECTOR	BOTH
MIXTURE	RICH - BEST POWER
CARBURETOR HEAT	ON AS REQUIRED
INSTRUMENTS	CHECK

Recommended Pattern Airspeeds

Downwind: 100-90 MPH Base: 90-80 MPH Final: 80-70 MPH

NORMAL LANDING

TRAFFIC PATTERN TARGET SPEEDS: 100/90/80	
FLAPS (Vfe 110 MPH)	AS REQUIRED
SHORT FINAL-LDG ASSURED	FLAPS UP: 70-80 MPH
	FLAPS FULL: 65-75 MPH
Vs = 57 MPH Vso = 49 MPH Glide = 80 MPH	
FINAL APPROACH AIRSPEED	ESTABLISH
FLAPS	AS REQUIRED
FINAL AIRSPEED	MAINTAIN UNTIL LANDING ASSURED
TOUCHDOWN	MAIN WHEELS FIRST
BRAKING	MINIMUM REQUIRED

5-UPS: Power UP, Nose UP, (Gear UP), Clean UP, Speak UP

GO - AROUND

POWER	FULL FORWARD THROTTLE
CARBURETOR HEAT	OFF
GO AROUND PITCH	ESTABLISH
FLAPS	RETRACT TO 20
AIRSPEED	82 IAS
FLAPS	RETRACT IN INCREMENTS
ATC	ADVISE AS REQUIRED

AFTER LANDING CHECK

FLAPS	VISUALLY CHECK UP/AS REQUIRED
CARBURETOR HEAT	OFF
TRIM	SET FOR TAKEOFF
MIXTURE	LEAN AS APPROPRIATE
PITOT HEAT	OFF
LANDING LIGHTS / STROBES	AS REQUIRED

ENGINE SHUTDOWN

BRAKES	HOLD
ELT	VERIFY SILENT
THROTTLE	FULL IDLE
MIXTURE	LEAN / IDLE-CUTOFF
MAGNETOS (after engine stops)	OFF
IGNITION KEY	REMOVE
MASTER SWITCH	OFF
AVIONICS MASTER SWITCH	OFF
EFD PILOT DISPLAY (N15RA)	VERIFY AUTO SHUTDOWN

AIRCRAFT SECURING

CONTROL LOCK	INSTALLED
HOBBS / TACH TIME	RECORD
CHOCKS / TIE DOWN	SECURED
PITOT TUBE COVER	INSTALLED

FUEL: ORDER