

UFC — RV9A — VH-LAT CHECKLIST — JUNE 2020 — REV 1.3

INITIAL CHECKS

	NO OBSTUCTIONS
Aircraft Position	NO FUEL LEAKS
	NO OIL LEAKS
Fuel Drain	DRAIN and CHECK
Windows	CLEAN
Chocks / Ties	REMOVE
Intake Covers	REMOVE
Pitot Cover	REMOVE
Rudder Lock	REMOVE

CABIN

Canopy	INSPECT
Master	OFF
Magnetos	BOTH OFF
Mixture	IDLE CUTOFF
Throttle	IDLE
POH and MR	ONBOARD
MR Validity	CHECK
Personal Locator Beacon	IN GLOVEBOX
Fire Extinguisher	BEHIND SEAT
Control Locks	REMOVE
Flight Controls	FULL and FREE
Throttle Lock	REMOVE
Loose Items	SECURED
All Switches	OFF
Master	BAT
Elevator Trim	CHECK
Flaps	FULL DOWN
All Lights, Stobes and Pitot Heat	ON
External Lighting and Pitot Heat	CHECKED
All Lights, Stobes and Pitot Heat	OFF
Master	OFF

EXTERNAL

Fixed Gear

Main Gear Struts	CHECK
Wheel Spats	CHECK SECURED
Brake Assembly	CHECK
Nosewheel Strut	CHECK
Tire Inflation	CHECK
Tire Condition	CHECK

Empennage

General Condition	CHECK
Static Port	CHECK
Horizontal Stabiliser	CHECK
Vertical Stabiliser	CHECK
Elevator and Rudder	FREE MOVEMENT
Tie Down Rings	CHECK

Wings

General Condition	CHECK
Ailerons	FREE MOVEMENT
Flaps	CHECK SECURE
Fuel Quantity L and R	CHECK VISUALLY ON DIPSTICK
Fuel Caps	SECURED
Tie Down Rings	CHECK
Pitot	CHECK

Nose

Oil Quantity	CHECK / TOP UP MIN 4 QUARTS
Battery Monitor	CHECK
Engine Cowling	SECURED
Engine Cooling Air Inlets	CLEAR
Alternator Belt	CHECK
Propeller and Spinner	CHECK
Engine Air Intake and Filter	CLEAR

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BEFORE START

Pre-flight Inspection	COMPLETED
Maintenance Release	SIGNED and VALID
Passenger Brief	COMPLETE
Seat and Seatbelts	SECURED
Circuit Breakers	CHECK IN
Master Switch	ALT + BAT
Avionics Master	ON
Battery Voltage	12 VOLTS
Radio and Intercom	ON + SET AS REQ'D
Avionics (Dynon)	ON + SET AS REQ'D
Radio and Intercom	OFF
Avionics Master	OFF

STARTING ENGINE

Area	CLEAR
Canopy	CLOSED + LOCKED
Brakes	ON
Throttle	1/4 INCH
Mixture	FULL RICH
Fuel Quantity	CHECK
Fuel Selector	FULLEST TANK
Fuel Pump	ON
Left Magneto Switch	ON
Engine Start Button	HOLD TO START
Right Magneto Switch	ON
Throttle	1000 RPM
Fuel Pump	OFF

AFTER START

Volts and Amps	14 Volts + Charge
Flaps	30 – 15 – UP
Avionics Master	ON
Radio and Intercom	ON
Fuel Pump	OFF
Mixture	LEAN FOR TAXI
Engine T & P	CHECK
Taxi Clearance	OBTAIN
Nav + Landing Lights	ON
Autopilot	STBY, QNH SET

TAXI

Fuel Selector	SWITCH FOR TAXI
Brakes	CHECK
Directional Instruments	CHECK

ENGINE RUNUP

Brakes	ON
Throttle	1000 RPM
Mixture	RICH
Fuel Pump	ON
Fuel Selector	FULLEST TANK
Engine T & P	CHECK
Throttle	2000 RPM
	L and R CHECKED
Magnetos	MAX DROP 150 RPM
	MAX DIFF. 50 RPM
	CHECK > 10 RPM DROP
Carburettor Heat	and OFF
Engine T & P	CHECK
Volts and Amps	CHECK
Throttle Low Idle	600-800 RPM
Throttle	1000 RPM

BEFORE TAKEOFF

Mixture	FULL RICH
Canopy	CLOSED + LOCKED
Fuel Caps	SECURED
Fuel Selector	FULLEST TANK
Aileron Trim	CHECKED
Elevator Trim	CHECKED
Fuel Pump	ON
Carburettor Heat	OFF
Flaps	UP or 15
Flight Controls	FREE and CORRECT
Flight Instruments	CHECK SET
Autopilot	STBY
Master Switch	ALT and BAT
Magnetos	BOTH ON
Seat and Seatbelts	SECURED
Safety Brief	COMPLETE

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HOLDING POINT

Mixture	FULL RICH
Magnetos	BOTH ON
Transponder	CHECK
Strobe Lights	ON
Canopy	LOCKED

AFTER TAKEOFF

Flaps	UP
Fuel Pump	OFF
Fuel Pressure	CHECK
Landing Lights	OFF

CRUISE / ENROUTE

Fuel Quantity	CONSIDER
Fuel Selector	CONSIDER
Engine Indications	MONITOR
Radio	CONSIDER
Weather	CONSIDER
Direction	CONSIDER
Altitude	MONITOR
Descent	CONSIDER
Emergency	HAVE A PLAN

JOINING CIRCUIT

Magnetos	BOTH ON
Mixture	RICH
Fuel Pump	ON
Landing Lights	ON
Fuel Selector	FULLEST TANK

FINAL

Flaps	SET
Fuel Selector	FULLEST TANK
Fuel Pump	ON
Carburettor Heat	OFF
Landing Clearance	AS REQUIRED

AFTER LANDING

Elevator Trim	CHECK
Fuel Pump	OFF
Flaps	UP
Transponder	STBY
Mixture	LEAN FOR TAXI
Landing Lights	OFF
Pitot Heat	OFF

SHUTDOWN

Throttle	1000 RPM
Mixture	IDLE CUTOFF
Propeller	STOPPED
Magnetos	BOTH OFF
All Lights, Strobes and Pitot Heat	ALL OFF
Flight Times	RECORD
Switches	ALL OFF

SECURING

Flight Log	COMPLETED
Maintenance Release	COMPLETED
All Switches	OFF
Chocks / Ties	ON
Intake Covers	ON
Pitot Cover	ON
Rudder Lock	ON
Canopy	CLOSED

EMERGENCY

1. TRIM BEST GLIDE	80 KIAS
2. MIXTURE	FULL RICH
3. FUEL PUMP	ON
4. FUEL SELECTOR	SWITCH TANKS
5. MAGNETOS	BOTH ON
6. STARTER	CRANK
7. MAYDAY	DECLARE
8. TRANSPONDER	7700

FLY THE AIRCRAFT