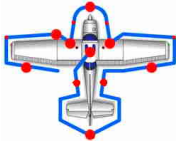




Interior			<p><i>This Checklist is not a replacement for the POH; we are not responsible for mistakes made by using this checklist!</i></p>
Aircraft flight log	-Check		
Control Lock	-Remove		
Fuel Valve	-Check open		
Ignition switch	-Off (key removed!)		
Master switch	-On		
Fuel quantity	-Check		
Flaps	-Down		
Beacon, nav-& landinglights	-ON and Check		
Master switch	-Off		

9/14/10

Left Fuselage	
General	-Check condition

Tail	
Tie-down	-Removed
Elevator & Rudder	-Moveable & connected
Cables	-Connected
Trim tab	-Connected

Right Fuselage	
General	-Check condition
Antennas (VOR, Com, ADF, XPDR)	-Check condition

Right wing	
Flap	-Condition, connected, push rod conn.
Aileron	-Connected, moveable, balance mass conn.
Wingtip	-Condition, lights condition, secure
Leading edge	-Condition
Tie-down	-Removed
Wing Strut	-Condition
Fuel drain	-Check for dirt & water (1st flight of day)
Fuel tank	-Check quantity & cap secure

Right Main Gear	
Tire	-Check inflation, condition, skid mark
Brake	-Check lines & brake pads

Nose Section	
Engine oil	-Check (4 qts min, 6 qts max)
Carb. Fuel drain	-Check for dirt & water
Propeller & Spinner	-Check
Air intakes	-Clean
Landing light	-Clean & check
Carb. air filter	-Free, clean & secure
Nose wheel strut	-extended
Nose wheel	-Check inflation & condition
Tow bar	-Removed
Statik port	-Clear

Left Main Gear	
Tire	-Check inflation, condition, skid mark
Brake	-Check lines & brake pads

Left Wing	
Tie-down	-Removed
Wing Strut	-Condition
Fuel drain	-Check for dirt & water (1st flight of day)
Fuel tank	-Check quantity & cap secure
Pitot tube cover	-Removed
Pitot tube	-Secure & clear
Stall warning	-Clear
Fuel vent	-Secure & clear
Leading edge	-Condition
Wingtip	-Condition, lights condition, secure
Aileron	-Connected, moveable, balance mass conn.
Flap	-Condition, connected, push rod conn.



PASSENGER BRIEFING	
noninterference with flight controls	
operation: use of seat belts, of door and window latches, of heating and air vents, of intercom and use of headsets	
normal / emergency exits and egress procedures	
emergency equipment (fire extinguisher , ax, first-aid kit)	
passenger discomfort (sickness bags)	

Before starting engine
 Exterior Inspection -Completed
 Seats -Adjust & lock
 Seat belts -Fasten
Fuel valve -Open
 Flight controls -Check free & proper movement
 Clock -Set
 Avionics-Off
 Circuit breakers -Check in

Engine start
 Mixture - Rich
 Carb. heat - Cold
 Master switch - On
 Beacon - On
 Throttle - 0.5 – 1.0cm
 Magnetos - Both
 Prime - As required
 Prop area - CLEAR!
 Engine - Start
 Oil pressure - indicating green
 Flaps - Up
 Lights - As required
 Avionics - On / set as required / xpdr stby
 Altimeter – Set

Taxi
 Brakes - Check
 Rudder - Free movement
 Gyros - Proper movement

Run up
 Parking brake - Set
 Aera (behind) - clear
 Engine gauges - green
 Throttle - Set 1700rpm
 Magnetos - Check (150 max drop, 75 max diff.)
 Carb. heat - Warm (for rpm drop)
 Throttle - Idle
 Carb. heat – Cold
 Throttle – Full open rpm check
 Suction gauge - Check green
 Throttle - Set 1000rpm
 Flaps - Check (full way)
 Emergency & T/O-briefing - perform

Before Takeoff
 Primer - In and locked
 Master switch - On (Alt. & Bat.)
 Magnetos - Both
 Engine gauges - Check green
 Carb. heat - Set cold
 Mixture – Rich
 Flaps - Set as required
 Trim - "Takeoff"
 Doors & windows - Closed
 Compass to DG – Check/Set
 Landing light - On
 Xponder - On / Mode "S" (Alt.)

Takeoff
 Throttle - Full open
 Engine - Check RPMs
 Airspeed - Alive
 Rotate - $V_R = 50$ kts IAS
 Climb - $V_X = 60$ kts IAS
 - $V_Y = 70$ kts IAS

After takeoff / Climb
 Flaps - Up @ 400ft
 Landing light - Off

Cruise
 Throttle - Set as required (max 75%)
 Mixture - Set as required
 Lights - Set as required
 Engine gauges - Check
 Fuel quantity – Check



This Checklist is not a replacement for the POH; we are not responsible for mistakes made by using this checklist!

Best glide: 60 kts IAS
 V_S : 40 kts IAS
 V_{SO} : 35 kts IAS

9/14/10

Descent / Approach
 Mixture - Rich
 Carb. Heat - Pull hot
 Landing light - On
 Flaps - As required

After Landing
 Carb. heat -Cold
 Xponder – STBY
 Landing light - Off
 Pitot heat – Off
 Flaps –Up

Engine Shutdown / Secure Aircraft
 Throttle - 1000rpm
 Parking brake - Set
 Avionics - Off
 Mixture - Cut off
 Master switch - Off
 Ignition switch - Off (remove key)
 Aircraft - Secure



EMERGENCYS - FIRES

Engine Fire on Takeoff run
 Takeoff - Abort
 Mixture - Cut Off
 Fuel valve - Off
 Magnetos - Off
 Master switch - Off

Engine Fire after Takeoff / in Flight
 Mixture - Cut Off
 Fuel valve - Off
 Magnetos - Off
 Master switch - Off
 Forced landing - Perform

Fire / Smoke in cabin
 Master switch - Off
 Cabin heat - Off
 Fire extinguisher - Use
 Cabin - Vent
 Land as soon as possible - Perform



EMERGENCYS – Engine Failures

Engine Failure during takeoff
 Throttle - Idle
 Brakes - Apply
 Flaps - Up
 Mixture - Cut off
 Ignition - Off
 Master switch – Off

Engine failure after takeoff
 Airspeed (best glide) - 60 kts IAS
 Mixture - Cut off
 Fuel valve - Cut off
 Ignition - Off
 Flaps - Set as required
 Master switch - Off
 Doors - Unlatch

Engine failure during flight
 Airspeed - 65 kts IAS
 Carb heat - Hot
 Fuel valve - open
 Mixture - Rich
 Magnetos - Both
 Primer - In and locked

EMERGENCYS – Forced Landing
 Airspeed (best glide) - 60 kts IAS
 Radios Com – xpdr 7700 Mayday 121.5
 Mixture - Cut off
 Fuel valve - Cut off
 Ignition – Off
 Master switch - Off
 Doors - Unlatch