

Preflight Inspection Check (Decathlon)

Parking Area

Check for Obstructions
General Aircraft Condition - damage, leaks, ice, etc.

Cabin

Control Lock - remove lap belt from stick
Certificates & Documents (ARROW) - Check on board
All Power Switches - OFF
Fuel Quantity Gauges - level
Fuel Valve - ON
Flight Controls - freedom and correct direction of movement
Seat - adjust position (if movable)
Seat Belts Harnesses - condition
Secure - rear belt & harness if not in use,
- rear seatback restraining cable
Secure loose items
Cabin Door - condition, latches, emergency handle & pin

Lights/ELT

Anti-Collision - operation
If Night - Beacon, Nav, Landing and Panel lights
ELT - armed, recharge date markings

Right Wing

Root Fairing - secure
Wing & Struts - condition
Aileron - condition, freedom of movement, drain holes clear
Wing Tip & Light - condition
Pitot-Static Tube - visual check unobstructed
Inspection plates - secure
Fuel - quantity, quality, seal good, cap secure
Wing tank fuel drain (if equipped)

Right Main Gear

Mounting Point - condition, i.e. u-bolts/ gear straps
Hydraulic vent - unplugged
Tires - condition & inflation
Brakes - condition & leakage

Nose Section

Windshield - condition & cleanliness
Engine Compartment - condition, leakage, etc.

Oil - quantity
Fuel Gascolator - Drain Sample, leakage,
Check sample for proper color, water, etc.
Air Filter - condition
Propeller – condition, leading edge smooth,
- Check no oil or grease on face of prop.
Spinner – condition, fastness
Landing Light - condition
Cowling & Inspection Door – condition, screws & fasteners
Alternator Belt - tightness

Left Main Gear

Mounting Point - condition, u-bolts or straps
Tires - condition & inflation
Brakes - condition & leakage

Left Wing

Fuel - quantity, quality, seal good, cap secure
Fuel Vent - visual check unobstructed
Wing & Struts – condition
Inspection plates - secure
Wing Tip & Light - condition
Aileron - condition, freedom of movement, drain holes clear
Root Fairing - secure
Wing tank fuel drain (if equipped)

Aft Fuselage

Fuel Belly Drain -Sample, leakage, proper color, smell, water, etc.
Bottom of Aircraft - for tears, leakage, etc.

Empennage

Tail Surfaces & Brace Wires - condition
Elevator, Trim Tab, Rudder - hinges & attach points,
condition, freedom of movement
Tail Light - condition
Tail Wheel - condition, inflation, u-bolt,
cotter pins & nuts (6 nuts, 3 with cotter pins)
(including cotter pin under tail wheel fork)
Tie-Down - Remove

Record Hobbs meter reading
Add fuel & oil if required
Clean Windshield if required
Tie-Down & Wheel Chocks - removed
Check for safe starting area (prop blast, etc.)