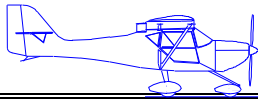


AEROPRO Checklist – B Service/Maintenance



Checklist for EuroFOX

Periodic maintenance

AIRFRAME

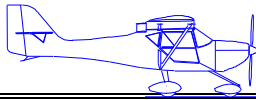
Maintenance Interval	Time Limitation
- after first 25 ± 2 hours	when reached
- after first 50 ± 3 hours	when reached
- after 100 ± 5 hours	every time when reached, or once a year
- after 200 ± 5 hours	every time when reached, or after 2 years
- after 600 ± 5 hours	every time when reached, or after 6 years

Rotax ENGINE (maintenance in accordance with engine manufacturer's manual)

Maintenance Interval	Time Limitation
- after first 25 ± 2 hours	when reached
- after first 50 ± 2 hours	when reached
- after 100 ± 5 hours	every time when reached, or once a year
- after 200 ± 5 hours	every time when reached, or after 2 years
- after 2,000 hours – Can be run “on condition” thereafter	every time when reached, or after 15 years

PROPELLER (maintenance in accordance with propeller manufacturer's manual)

Maintenance Interval	Time Limitation
- maintenance per condition	
- after 100 hours	



Checklist for EuroFOX

Inspection after first 50 Hours of Operation

S/N.:

TT:

Date of arriving for Service:

Take over (for Aeropro):

Date of hand over:

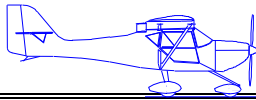
Hand over (for Aeropro):

Hand over by operator:

Remedy defects

1.	5.
2.	6.
3.	7.
4.	8.

No.	Step	Date	Carried Out by	Checked by
1.	check as specified for 25-hour inspection			
2.	check aircraft surface for damage, distortion of lattice members, cracks in fabric,			
3.	check the following suspensions for fissures, proper clearance and damage - engine mount - struts - tail unit - landing gear - wings			
4.	grease hinges and suspensions of: - flaperons - elevator - landing gear - rudder			
5.	grease bowden wires of throttle and choke control			
6.	check air filter condition - clean it or replace it			
7.	check fuel filter condition - replace it, if necessary			
8.	drain off water and dirt from link tank			
9.	check board documents for entirety and completeness including correct data			
10	Check undercarriage clamp bolts (tail braggers) re SB 3 UK			



Checklist for EuroFOX

Inspection after 100 Hours of Operation

S/N.:

TT:

Date of arriving for Service:

Take over (from Aeropro):

Date of hand over:

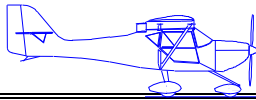
Hand over(for Aeropro):

Hand over by operator:

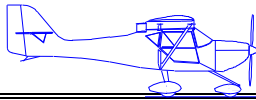
Remedy defects

1.	5.
2.	6.
3.	7.
4.	8.

No.	Step	Date	Carried Ou by	Checked by
1.	check as specified for 50-hour inspection			
2.	remove: cowling - detachable cockpit cover - covers of engine - covers of tail unit - bench-seat			
3.	check propeller run-out and its tightening on engine driver			
4.	check attachment of carburettors, replace rubber flange connections if necessary			
5.	check bowden wires of engine controls, grease and adjust running of both carburettors			
6.	check engine mount bar members for cracks, check rubber silent-blocks condition and attachment of engine mount, tightening of engine attachment screws			
7.	check condition of fuel supply line, interconnecting hoses and fuel filter			
8.	check coolers condition, clean the cooler louver of dirt			
9.	check connection of starter to the mains, condition of connecting cables			
10.	check airborne storage battery and perform its maintenance			
11.	check condition and attachment of control stick, control stops, deflections of control surfaces			
12.	check all controls in fuselage, grease movable parts of actuation and control, permitted clearance up to 3 mm on the upper part of the control stick			
13.	check attachment and function of foot control pedals and brake control			
14.	check condition of rudder and trim control cables			
15.	Check condition of fuel piping in the cockpit, fuel level gauges in tanks, tank fuel cocks, fuel supply line, fuel link tank. perform a function check of minimum fuel quantity warning			



16.	check condition and attachment of safety belts			
17.	check condition and attachment of door, its closing and locks			
18.	check floor condition and its attachment			
19.	check windshield, windows, door and cockpit canopy, cracks are to be drilled out			
20.	check condition of board instruments and electrical wiring			
21.	check condition and completeness of inside inscriptions, instrument colour coding and pilot's instructions			
22.	check condition of instrument board attachment, replace damaged rubber pads			
23.	check attachment of tail unit, struts and lattice members for damage and deformation			
24.	check attachment of tail unit control surfaces, their free motion, grease tail unit hinges and controls			
25.	check trim tab and its control SB4 UK			
26.	check landing gear legs, check them for deformation and damage			
27.	check condition and tension of landing gear rubber ropes, damaged ropes are to be replaced			
28.	check wheel and bearing condition, clean and grease them - smooth wheel rotation without undesired sounds			
29.	check tire condition for damage and wear			
30.	check brake lining condition, 1 mm as minimum			
31.	check brake system function, replenish brake fluid, if needed			
32.	check condition and attachment of tail-wheel landing gear leg			
33.	check tail wheel condition, tire wear, clean and grease bearings			
34.	check condition and wear of tail wheel arrestment device, clean and grease it			
35.	check condition of tail wheel, spring and control lever controls			
36.	check condition of wing and struts attachments for proper clearance, cracks,			
37.	check clamping bolts of wing suspensions			
38.	check wing surface for damage, deformation, surface buckling may signal inside wing damage,			
39.	check fiberglass wing tips for cracks			
40.	check flaperon hinges for damage and cracks			
41.	check free running of flaperons, grease hinges			
42.	check flaperon condition and surface, repair the damaged spots			
43.	check mass balance attachment			
44.	check condition of flaperon control arms			
45.	check condition of tank filler necks and filler caps			
46.	install bench-seat and check its attachment, clean the pilot's cockpit and fuselage compartment			
47.	clean the removed cowlings and reinstall them to the aircraft			
48.	check completeness of airframe and its equipment			
49.	wash down and preserve aircraft exterior			
50.	Check security of rudder return spring nodule (must be locktited) SB 1 UK			



Checklist for EuroFOX

Inspection after 200 Hours of Operation

S/N.:

TT:

Date of arriving for Service:

Take over (from Aeropro):

Date of hand over:

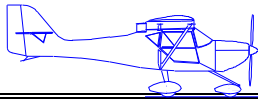
Hand over (from Aeropro):

Hand over by operator:

Remedy defects

1.	5.
2.	6.
3.	7.
4.	8.

No.	Step	Date	Carried Out by	Checked by
1.	check as specified for 100-hour inspection			
2.	replace working liquid in cooling circuit as directed by the coolant manufacturer			
3.	check condition of engine mount silent-blocks, replace the damaged ones			
4.	replace fuel filter, if necessary			
5.	replace air filter, if necessary			
6.	check condition of electrical system			
7.	check wear of tires, replace them if necessary			
8.	check condition and function of tail wheel arrestment device			
9.	Visually inspect the inner areas of the L&R/H main fuel tanks for signs of debris and contaminants. Turn off the L&R/H fuel tank drain valves and turn on the aircraft's power. Drain fuel from the aircraft's central fuel tank drain valve until the low fuel light illuminates. Verify the contents drained is 1±0.2 Ltr. Turn the aircraft's power off after the fuel warning light test. Ensure the drained sample is free of debris and contaminants. If any debris or contaminants are found, flush out all three fuel tanks. Turn the L&R fuel drain valves back on. Visually inspect all the aircraft's fuel plumbing for condition and kinks. Replace damaged, corroded, perished or age hardened hoses or components.			
10.	check condition of canopy glazing, cracks are to be drilled out			



Checklist for EuroFOX

Lubrication Chart

Lubricated point	lubricate after hours				
	25	50	100	200	600
hand control - hinges, bearings and tie rod eyes		X1	X	X	X
foot control - hinges, control cables		X1	X	X	X
brakes - bowden wires and dual control cables		X1	X	X	X
engine control - bowden wires, cables		X1	X	X	X
trim - control wheel axle, cables		X1	X	X	X
storage battery - contacts (corrosion)	X	X	X	X	X
door locks - control mechanism		X1	X	X	X
tail unit - hinges of vertical and horizontal tail control surfaces		X1	X	X	X
controls		X1	X	X	X
trim tab - hinge, bowden wires and control cables		X1	X	X	X
main landing gear - suspensions		X1	X	X	X
wheel bearings			X	X	X
nose wheel		X1	X	X	X
wheel axle, bearings			X	X	X
wing suspensions - front (at each assembly)	X	X	X	X	X
flaperons - hinges		X1	X	X	X