

Maintenance Schedule for LAA Administered Permit to Fly Aircraft

50 Hour / 6 monthly check

Scheduled Maintenance Worksheet LAA/WS50

Aircraft Registration: G - AHAU	Page 1 of 4 pages
Location where maintenance carried out :	
Aircraft Total Hours:	Date:
Maintainer 1: Name	Signature:
Maintainer 2: Name	Signature:
Inspector: Name	Signature:
LAA Authorisation Number:	

Task No.	Task Description	Maintainer
1	Inspect external structure of fuselage, mainplanes, empennage, cowlings, nacelles, control surfaces, flaps and other high lift devices.	
2	Inspect doors and windows, door hinges and door hinge attachment points	
3	Operational check of doors, hatches and windows latching and locking	

Landing Gear

4	Inspect landing gear assemblies, shock-absorber struts/units for leaks and correct extension, brake system, brake linings, drums/discs, wheels and tyres	
5	Service tyre pressures, hydraulic brake system fluid level	

Flying Controls:

6	Operational check of primary/secondary flight controls and trim systems for full and free movement in the correct sense. Position indicators agree with surface movement	
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Liquid, Air and Gas Systems:

7	Inspection of hydraulic, vacuum systems	
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8	Service fluid levels in reservoirs	
9	Inspect Pitot/static system vents, pitot head, drains clear. Pitot head correctly aligned	

Equipment and Environmental:

10	Inspect seats, seat adjustment and locking, belts/harnesses, attachment, locking and release	
11	Check fire extinguisher for leakage or discharge	

Aeroplane Lubrication:

12	Lubricate aeroplane	
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Powerplant Installation:

13	Operational check of engine and propeller controls for full and free movement - throttle, mixture, carburettor heat	
14	Inspect powerplant installation	
15	Inspect alternator/generator drive belt tension and condition	
16	Inspect air filter, intake and induction system	
17	Inspect exhaust manifold, mufflers	
18	Inspect propeller blades, spinner, backplate	

Fuel System:

19	Check filters for cleanliness and tank vents unobstructed. Drain samples from all drain points and check for presence of water, foreign matter and correct colour	
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Electrical System:

20	Inspect and service battery, stowage/compartments, vents and drains. Electrolyte	
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Radio:

21	Inspect aerials, insulators, controllers, instruments, displays, microphones, headsets, jackplugs and sockets	
22	Inspect placards and markings for legibility	
23	Operational check of VHF ground function	
24	Inspect cables and terminals, cooling systems,	

	moisture trap areas	
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Instrument Systems:

25	Inspect/check instruments. Legibility of markings and associated placards, band ranges and limit markings	
26	Check readings consistent with ambient conditions. Stall warning device operation	
27	Check compass 'deviation' or 'steer by' cards - valid until next check	
28	Inspect displays, instruments, controllers	

Type specific tasks

31	Check glider tow release mechanism.	
32	Lubricate glider tow release mechanism.	
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Final Checks (to be carried out after all other checks are completed)

Ground Run:

Task No.	Task Description	Maintainer
100	Functional check and inspection of powerplant, liquid, air and gas systems for leaks during and following ground run	
101	Operational check of instruments, systems and services. Radio for electromagnetic interference	
102	Following ground run, check to ensure all cowlings, access panels and doors are secure	

Certification:

103	Check that worksheets and log book entries have been completed and certified if required. Ensure all applicable ADs, MPDs, SBs & SLs have been accomplished and certified	
104	If any maintenance other than permitted 'pilot maintenance' carried out as part of this 50 hour/six month check, this maintenance must be inspected by a suitably approved LAA inspector who must sign up a Permit Maintenance Release stating his satisfaction with the job before the aircraft may be flown.	N/A

Permit Maintenance Release (to be signed by LAA inspector - see item 104 above)

The work recorded above has been completed to my satisfaction and in that respect the aircraft is considered fit for flight.

Signed.....Authorisation Ref:.....Date:.....