



**WEIGHTSHIFT MICROLIGHT
 Registration Renewal & Biennial
 Airworthiness Review**

REG-07_V20190816

SECTION 1: AIRCRAFT AND OWNER DETAILS		Review Date:
Registration No:		Registration Expiry Date:
Base Make and Model:		Serial Number:
Engine Type and Size:		Serial Number:
Propeller Type:	Diameter:	Pitch:
Wing Make and Model:		Serial Number:
2nd Wing Make and Model:		Serial Number:
Owner's Name:		HGFA Number:
Address:		
Email Address:		Phone:
Primary Airfield or Location of Operations:		

SECTION 2: GENERAL	Check	COMMENTS
2.1 Log book entries checked	✓	
2.2 Placards checked		
2.3 Modification compliance (LSA)		

SECTION 3: BASE STRUCTURE		
3.1 Base tube/s		
3.2 Mast tube/s		
3.3 Front strut		
3.4 Undercarriage		
3.5 Seat frame		
3.6 Seat harnesses, buckles, seat fabric		
3.7 Steering head and front forks		
3.8 Hang point attachments		
3.9 Engine mounts, including wires		
3.10 Drag links and bracing tubes		
3.11 Undercarriage wires		
3.12 Wheels, tyres and brakes		
3.13 Brackets, plates and joint assemblies		
3.14 Bolts, nuts, washers, pip pins, pop rivets		
3.15 Pod, spats, fairings and fabric skirts		
3.16 Instruments and electrics		

SECTION 4: POWER UNIT / PROPELLER		Check ✓	COMMENTS
4.1	Engine and attachments		
4.2	Flexible mountings		
4.3	Exhaust system, silencer and supports		
4.4	Cooling system (including radiator mounting, radiator core, cap and hoses)		
4.5	Gearbox/reduction drive		
4.6	Rotary valve lubrication reservoir		
4.7	Prop shaft, flanges, bearings, gears and bolts		
4.8	Propeller		
4.9	Fuel tank, cap and vent		
4.10	Fuel lines, filter, fuel cock, and pump		
4.11	Carburettor, air induction filter, security		
4.12	Engine controls (power, choke, mixture)		
4.13	Engine Ground Run		
4.14	Starting system		
4.15	Electrical system, charging/low tension, lights and fuses		
4.16	Ignition, switches, contact breakers, plugs, leads		
4.17	Compression test		
4.18	Cyclone Bearing Test		
SECTION 5: WING STRUCTURE (Weightshift Microlight or Nanolight)			
5.1	Leading edges (including sleeves)		
5.2	Cross-tubes (including abutment)		
5.3	Keel (and bowsprit)		
5.4	Control Frame		
5.5	King-post		
5.6	Special airframe members		
5.7	Wing battens		
5.8	Nose plates		
5.9	Hang point		
SECTION 6: RIGGING & RISERS			
6.1	Cables, thimbles and swages		
6.2	Nuts bolts and washers		
6.3	Swan Catch		
6.4	Tangs, turnbuckles, toggles and clamps		

SECTION 7: WING MATERIAL (SAIL)		Check	COMMENTS
7.1	Stitching	<input checked="" type="checkbox"/>	
7.2	Damage	<input type="checkbox"/>	
7.3	Degradation. (Bettsometer: Pull force to be exerted without tear failure: 1360grams) OR (Porosity test result.)	<input type="checkbox"/>	
7.4	Discolouration	<input type="checkbox"/>	
7.5	Batten pockets	<input type="checkbox"/>	
7.6	Keel Pocket	<input type="checkbox"/>	
7.7	Sail/Line attachments	<input type="checkbox"/>	
SECTION 8: SYMMETRY & RIGGING			
8.1	General rigging	<input type="checkbox"/>	
8.2	Symmetry when rigged	<input type="checkbox"/>	
8.3	Security of fasteners	<input type="checkbox"/>	
8.4	Level of corrosion	<input type="checkbox"/>	
SECTION 9: AIRCRAFT INFORMATION			
9.1	Accidents logged	<input type="checkbox"/>	
9.2	Repairs logged	<input type="checkbox"/>	
9.3	Scheduled Servicing logged	<input type="checkbox"/>	
9.4	Modifications logged	<input type="checkbox"/>	
9.5	Mandatory Service Bulletins logged	<input type="checkbox"/>	
9.6	Engine hours:	<input type="checkbox"/>	Condition: (circle) Fair / Good / Excellent
9.7	Airframe hours:	<input type="checkbox"/>	Condition: (circle) Fair / Good / Excellent
9.8	Wing hours:	<input type="checkbox"/>	Condition: (circle) Fair / Good / Excellent

Reviewers Declaration

I, (reviewer's name) _____ have reviewed the aircraft and believe, to the best of my ability & knowledge, that the aircraft is in an: *(Circle A or B as applicable)*

A). Airworthy condition and is clear of all apparent defects.

B). Unairworthy condition with defects as listed on the following page. *(Also entered in the Aircraft / Engine / Wing logbook.)*

Date: _____ HGFA #: _____ Signature: _____

Owners Declaration

I, (Aircraft Owners name) _____ am the registered owner of the aircraft and am fully cognizant of the fact that the airworthiness and maintenance of this aircraft is solely my responsibility and;

A/: absolve the above name reviewer of any real or implied liability, associated with carrying out this review; **or**

B/: confirm that I have maintained this aircraft to the standard specified by the aircrafts manufacturer and that it is in compliant and airworthy condition. *(Circle A or B as applicable)*

Owners Signature: _____ Date: _____ HGFA #: _____

