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BUSHBABY / EXPLORER / SAFARI

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ASSEMBLY CHECKLIST – BUSHBABY AIRCRAFT

Model:	Serial No:
Registration No:	
Engine type:	Serial No:
Propeller type:	Serial No:
Radio	Serial No:
ASI	Serial No:
VSI	Serial No:
Altimeter	Serial No:
Compass	Serial No:
Slip	Serial No:

NOTE:

This checklist is designed to ensure that each critical step of the assembly process has been done.
 The newer builders manual have place for the builders signature

Procedure

1. Tick each block as the task is completed as specified in the builders manual
2. Record the date and Builders name when each item has been permanently installed. Have an inspector (AP) sign it off
3. The Pre-cover (wing section) can be used as a checklist for the AP pre-cover inspection
4. Preserve this check list with the build history
5. The above space can be used to record serial numbers.

Fuselage

Rudder pedals & cable		Completion date: _____ Builder: _____	
	1	Pedals mounted	<input type="checkbox"/>
	2	Ruder return spring installed	<input type="checkbox"/>
	3	Rudder link with brass bush	<input type="checkbox"/>
	4	Cable securely crimped with thimble. Check crimp 7mm dia	<input type="checkbox"/>
Control column		Completion date: _____ Builder: _____	
	1	Control stick	<input type="checkbox"/>
	2	Bearings installed	<input type="checkbox"/>
	3	Rod-ends installed	<input type="checkbox"/>
	4	Trace aileron push-pull paths & check all fittings	<input type="checkbox"/>
	5	Elevator rod-ends secure	<input type="checkbox"/>
	6	Elevator push-pull rod, fitted	<input type="checkbox"/>
	7	Elevator idler fitted	<input type="checkbox"/>
	8	Elevator guide	<input type="checkbox"/>
Flap		Completion date: _____ Builder: _____	
	1	Leather washer installed	<input type="checkbox"/>
	2	All bolts nylock nuts	<input type="checkbox"/>
	3	All rod-ends secured & locked	<input type="checkbox"/>
	4	Restricting device for max 15° flap mixer deflection	<input type="checkbox"/>
Flapperon mixer:		Completion date: _____ Builder: _____	
	1	FBM-A installed	<input type="checkbox"/>
	2	FBM-B mixer installed	<input type="checkbox"/>
	3	All rod-ends fitted	<input type="checkbox"/>
	4	Flapperon push-pull tubes, rod-ends installed	<input type="checkbox"/>
	5	Flapperon control horn rivets secure in flapperon	<input type="checkbox"/>
	6	Mixer at correct angle as per manual	<input type="checkbox"/>
Stabilizer		Completion date: _____ Builder: _____	
	1	Stabilizer adjustment in top hole for first flight	<input type="checkbox"/>
	2	Stabilizer horizontal, fitted no bowing	<input type="checkbox"/>
	3	Struts	<input type="checkbox"/>
	4	Check tips, no flexing when elevator deflected	<input type="checkbox"/>
Elevator		Completion date: _____ Builder: _____	
	1	Hinge pins guide installed	<input type="checkbox"/>
	2	Rod-end installed	<input type="checkbox"/>
	3	Rod-end free play at full deflections	<input type="checkbox"/>
	4	End fitting, secure	<input type="checkbox"/>
	5	Up > 25°	<input type="checkbox"/>
	6	Down > 10°	<input type="checkbox"/>
	7	Free deflection	<input type="checkbox"/>

Rudder: Completion date: _____ Builder: _____

1	Hinge pin guides	<input type="checkbox"/>
2	Rudder link securely crimped with thimble check dia 7mm	<input type="checkbox"/>
3	Link with brass bush	<input type="checkbox"/>
4	Free symmetrical deflection left and right	<input type="checkbox"/>

Flapperon Completion date: _____ Builder: _____

1	Hinges fitted	<input type="checkbox"/>
	Counter weight fitted	<input type="checkbox"/>
	Control fitted	<input type="checkbox"/>

Seat Belts: Completion date: _____ Builder: _____

1	Anchor secured to fuselage	<input type="checkbox"/>
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Undercarriage

Brake: Completion date: _____ Builder: _____

1	Backing plate	<input type="checkbox"/>
2	Shoe return springs installed	<input type="checkbox"/>
3	Drum flush against rim	<input type="checkbox"/>
4	Pivot bolt lock nut installed	<input type="checkbox"/>
5	Cable outer sleeve locked	<input type="checkbox"/>
6	Inner sleeve set & locked	<input type="checkbox"/>
7	Outer sleeve lock at wheel	<input type="checkbox"/>

Main Undercarriage: Completion date: _____ Builder: _____

1	Spacer installed between hub bearings	<input type="checkbox"/>
2	Bearings	<input type="checkbox"/>
3	Valve stem not at angle	<input type="checkbox"/>
4	Installed brake system on leg	<input type="checkbox"/>
5	Axle secure to leg with correct bolt & nylock	<input type="checkbox"/>
6	Split rims	<input type="checkbox"/>
7	Wheel retain nylock	<input type="checkbox"/>
8	Legs secure with Brass bush	<input type="checkbox"/>
9	Shock cord	<input type="checkbox"/>
	a) Looped ends fitted with tape, cable ties and clamp	<input type="checkbox"/>
	b) Correct amount of wraps	<input type="checkbox"/>
	c) Shock cord not chaffing	<input type="checkbox"/>
10	Wheel alignment, symmetrical toe-in	<input type="checkbox"/>

Nose leg: Completion date: _____ Builder: _____

1	Spacer installed between hub bearings	<input type="checkbox"/>
2	Rim hub assembly	<input type="checkbox"/>
3	Fork – bush installed	<input type="checkbox"/>
4	Axle fastened, spacer between fork & bearing installed	<input type="checkbox"/>
5	Leg fitted	<input type="checkbox"/>
6	Correct amount compression rubbers & washers	<input type="checkbox"/>

