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**Note:** This form shall be filled in using details from HADS /TADS and/or build manual.

### 1. Owner/Builder Details

Name:	NMAI No.	Home Tel. Mobile Tel.
Correspondence Address:		
Build location if Different:		

### 2. Inspector Details

Name:	INSP No.	Home Tel. Mobile Tel:
Correspondence Address		

**Note:**

If the inspector or other project detail changes during the course of the project, the NMAI should be informed by submitting a new form NMAI/AW/016 (this 1st page, not the stage inspections).

### 3. Aircraft Description


a) NMAI Homebuilt No.	b) Aircraft type	c) Manufacturers Kit No.
d) TADS Used at start	e) Engine Type/Model: Upright <input type="checkbox"/> Horizontal <input type="checkbox"/> Other <input type="checkbox"/> Inverted <input type="checkbox"/> Radial <input type="checkbox"/> Specify _____	

**Note:**

If any design features are not on the TADS, this must have been agreed before construction with the NMAI inspector. There is no extra charge for changes to configuration.

### 4. Power Plant

a) Number of Cylinders	b) 2 Stroke / 4 Stroke	c) Capacity / HP	
d) Exhaust System:	e) Intake System:	f) Gearing System:	
g) Propeller Type	h) No. of Blades	i) Diameter	j) Pitch
k) Source and History of Engine:			


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## 5. Main Stage Inspections

Note: Some stages must be inspected before work commences on others, multiple stage inspections can also be inspected at the same visit. E.g. 4 & 5 etc.

Stage	Description	<i>Inspectors signature and date</i>	<i>Owners signature and date</i>
1	Check kit paperwork including construction manual and current TADS. Confirm that owner has checked all kit contents for condition and against the packing list.		
2	Confirm that workshop facilities are fit for purpose.		
3	Inspect assembled framework against manual, check, undercarriage, control system movement, cable runs & pulleys, fuel tank, seats, tailplanes and rudder, pay particular attention to areas to be hidden in next stage e.g. rear fuselage.		
4	Check security of fibreglass parts, fitment of doors, fit of rear fuselage cover, re check tailplanes and control systems		
5	Check engine installation, throttle & choke Cables, fuel system, exhaust system, wiring including Instrument panel & battery mounting, ancillaries e.g. Carb heat, cabin heat etc.		
6	Inspect build of wings and correct dry rigging on airframe for control setup		
7	Final inspection of fully rigged aircraft, wing fitment, cowlings, undercarriage, control systems, propeller & Spinner Aircraft weighed, and empty CG position calculated. Engine ground run and fuel flow test complete.		
8	All aircraft documentation, logbooks, other manuals and instructions, IAA Registration & NMAI Paperwork complete.		

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### 6. Alterations Required and Defects to be Corrected

Aircraft Build Manual should be checked to clarify and understand alterations listed below.

Mandatory Alterations/Defects to be rectified	Inspectors Signature	Owners signature

### 7. Approved Optional Alterations (Fitted During Build Stage)


Ref No.	Description	Inspectors Signature and date	Owners signature and date

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**8. Control Surface Deflections (Actual Figures to be Entered)**

Control	TADS	Actual	Control	TADS	Actual
Elevator UP			Elevator Trim UP		
Elevator DOWN			Elevator Trim Down		
Ailerons UP			Rudder LEFT		
Ailerons DOWN			Rudder RIGHT		

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**9. Instruments Fitted to the Aircraft at the Time of Construction**

Instrument	Units	Manufacturer	Minimum Scale Value	Maximum Scale Value
Air Speed Indicator				
Altimeter				
Vertical Speed Indicator				
Compass				
Slip Ball				
RPM Gauge				
Oil Pressure				
Oil Temperature				
Cylinder Head Temp R				
Cylinder head temp L				
Battery Condition				
Fuel pressure				

**10. Final Inspection**

Ref No.		Owners signature and date	Inspectors Signature and date
Aircraft complies with latest HADS/TADS	Rev. no. ____		
Placards & Markings fitted as per HADS/TADS			
<ul style="list-style-type: none"> <li>• Reg. plate fitted</li> </ul>			
<ul style="list-style-type: none"> <li>• Reg. markings fitted</li> </ul>			
<ul style="list-style-type: none"> <li>• Occupant warning placard fitted</li> </ul>			

**List of allowably deferred Defects to be noted below:**

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### 11. Inspectors Declaration/Owners Declaration

<p>This Aircraft has been checked against the details given in Part 1 overleaf. The aircraft conforms with those details, and complies with the requirements of all alterations. The aircraft complies with the TADS/HADS/Build Manual/POH, as amended by any changes to the construction standard agreed between the owner and NMAI. All optional alterations are entered on these sheets. Copies are held with the aircraft documentation.</p> <p>A weighing report is in the operators Handbook for the aircraft, and the aircraft does not exceed the W&amp;CG requirements of the TADS/HADS/Build Manual/POH. A copy of the weighing report is attached to these stage inspections.</p> <p>As far as could be reasonably determined, the aeroplane was in a satisfactory airworthy condition and I recommend the aircraft for check flying. I have informed the owner of any deferrable defects found during the inspection and made appropriate entries into the aircraft logbooks.</p> <p>Any deferrable defects at this stage are noted separately on accompanying documents.</p> <p><b>The named person in Part 1 has demonstrated satisfactory competence in assembly procedures and pre-flight inspection.</b></p>	
<b>Owners Signature:</b>	<b>Date:</b>
<b>Inspectors Signature:</b>	<b>Inspector No.:</b>
<b>Name:</b>	<b>NMAI No.:</b>
	<b>Date of Inspection:</b>

*Please note inspector should stamp each section as it is completed and stamp declaration when project is complete.*

Inspectors stamp