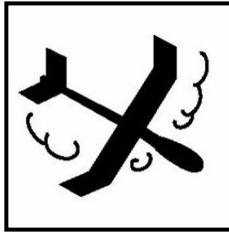


AUSTRALIAN AIR LEAGUE

Code: AMB3/KA1/January 2009
1st January 2017

KNOWLEDGE ASSESSMENT No: 1



AIRCRAFT MODELLING - Balsa Class 3 Knowledge Assessment

ANSWER & MARKING SHEET

CERT. NO. _____ NAME _____ RANK _____ AGE _____

SQUADRON _____ WING _____ GROUP _____

GP4 AUTHORITY CARD NO. _____ DATE OF ISSUE _____

AM4 AUTHORITY CARD NO. _____ DATE OF ISSUE _____

NOTE: This marking sheet, photos and a Form 28 must be returned to the GEC/O or GMO

Refer to the Model Assessment Criteria on Page 3 of this booklet when marking the models

Model 1. One sheet balsa chuck glider of at least a 30cm wingspan. The Glider is to be of a recognised chuck glider design capable of stable flight

Model 2. One sheet balsa rubber powered model of at least 30cm wingspan capable of stable flight. Models must be scratch built off a suitable plan. No manufactured kits or ARF (Almost Ready to Fly) type kits are permitted. The rubber motor & all associated parts must be attached and capable of powering the model

Model 3. One box kite, fully rigged and flight capable of any size and box kite design. Designs based on Lawrence Hargraves kites are desirable but not essential

Model	Construction	Finish	Flight	Total
1. Chuck Glider	/ 10	/ 7	/ 10	/ 27
2. Rubber Powered	/ 10	/ 7	/ 10	/ 27
3. Box Kite	/ 10	/ 6	/ 10	/ 26
			Total	/ 80
			Knowledge Assessment	/ 20
			Total Score	/ 100

Signature WEO/SEO _____ Date: _____

AIRCRAFT MODELLING - Balsa Class 3(KA1) Knowledge Assessment

AUSTRALIAN AIR LEAGUE

Question	A	B	C
1			
2			
3			
4			
5			

6			
7			
8			
9			
10			

Question	A	B	C
11			
12			
13			
14			
15			

16			
17			
18			
19			
20			

End of Knowledge Assessment

Remember to check your answers before handing back your answer sheet

AUSTRALIAN AIR LEAGUE

Model Assessment Criteria

Overall Appearance: The overall appearance is judged on the first impression from approximately arms distance. This takes into account the way the model is presented and the general appearance as would be seen by a casual observer.

Assembly: All base components, i.e. wing, tailplane, etc. shall be attached and correctly aligned for flight. All auxiliary components, i.e. engine, control surface linkages and hinges etc shall be installed correctly.

Paint: On those parts of the model that have been painted, care shall be taken to avoid brush marks, paint runs etc.

Construction: The different parts of the model shall be glued to ensure all joints fit tightly together. Gaps between joints are to be avoided. Similarly, excessive use of glue and smearing of glue is also to be avoided.

Finish: Attention shall be given to the covering materials used on the model and how they have been applied. The following shall be taken into account; creases in the covering, sealing of edges, excessive amount of dope used resulting in warping the structure, too much heat being used to apply plastic coverings, if used the proper application of decals or decorations.