



NSWGG 2017 EDUCATION MODEL COMPETITION

1.0 INTRODUCTION

- 1.1 The purpose of this circular is to advise the details for the **Education Model Competition** for the **2017 Group Review**.
- 1.2 The competition categories are as follows;

Age Group	Plastic Modelling	Balsa Modelling	Diorama
Junior (8-11 years)	✓	✓	✓
Cadet (12-14 years)	✓	✓	✓
Cadet (15-17 years)	✓	✓	✓
Senior (18+ years)	✓	✓	✓

2.0 CONDITION ON ENTRY

- 2.1 The **Conditions of Entry** for the **Education Model Competition** generally follow the same **Conditions of Entry** for the **Australian Air League Review** to maintain consistency year to year in competitions;
- 2.1.1 Individual members shall enter a maximum **two (2)** models each in each modelling competition
- 2.1.2 All models entered **must** be the work of the entrant entirely. In the case of **Junior (8-11 years)** entrants, an **absolute minimum** of help is permitted, but not encouraged.
- 2.1.3 Age of entry shall be as at the date of the **NSW Group Review 2017**.
- 2.1.4 Members entering models shall be current financial uniformed members of the **Australian Air League**.
- 2.1.5 Models that have previously won either 1st, 2nd or 3rd place in an **Australian Air League Review** or **Group Review Modelling Competition** will not be accepted. It is encouraged that entered models which did not win a place at a previous Review are also not entered again and new ones are built.
- 2.1.6 Whilst all care will be taken to safeguard models from damage or loss, the Australian Air League accepts no responsibility for any model or diorama entered.

3.0 JUDGING

- 3.1 Judging will be by independent judges from Federal.

4.0 Balsa Modelling

4.1 Outline

- 4.1.1 The outline of the balsa model shall be sharp and smooth. For example, straight edges to be cut straight. Avoid scallops or missing chunks. Curves to be smooth, avoiding missing chunks. Both halves of the wing shall be isometric. For example, if the wing was cut through the chord at the centre of the span and folded one side over the other, sides should be the same shape. The outlines of parts are not to be undercut. In order to avoid undercut, the knife of the blade shall be held so that the cut remains vertical to the cutting surface.

4.2 Finish

- 4.2.1 The whole model shall be sanded to a smooth finish using very fine sandpaper. Chuck gliders are not usually decorated. However, it is recommended that the model be given two coats of thin dope or banana oil to seal from moisture and this also assists to obtain a smooth finish. No additional points are given for decoration.

4.3 Construction

- 4.3.1 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.

4.4 Alignment

- 4.4.1 It is important to ensure the chord of the wing and tailplane are parallel to the centre line of the fuselage. Also, the fin shall be mounted vertical to the fuselage. The wings shall be mounted so that if a line was drawn horizontal to the fuselage under them, the distance measured from this line to the leading edge of the wing at any given point is the same on both sides of the fuselage.

4.5 Note

- 4.5.1 It is recognised that on some models the tailplane may be offset from the horizontal and the control surfaces may also be offset. This is necessary to trim the model for flight. Such a model shall not incur any penalty.



5.0 PLASTIC MODELLING – AIRCRAFT

5.1 Overall Appearance

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

5.2 Paintwork

5.2.1 The paintwork is judged on how the member has painted the model. It takes into account the use of brush or airbrush. For brush: whether there are brush marks, cleanness of line, thickness of paint and authenticity. For airbrush: whether there is over spray, cleanness of lines, thickness of paint and again, authenticity. Overall: whether details have been painted e.g. cockpit, undercarriage, ordinance, engine etc.

5.3 Attention to Detail

5.3.1 This judging criterion shall be based on how the member has assembled the model and whether the member has detailed the model beyond just putting the kit together.

5.3.2 Attention shall be given as to how the member has assembled all the small parts that are sometimes missed.

5.4 Decals

5.4.1 This judging criterion shall be based on how the decals are applied to the model, including correct alignment and an example of this is the direction that the kangaroo faces on Australian military aircraft.

5.4.2 As all models aircraft would normally have decals, a model without decals would in most cases lose marks.

5.5 Overall Finish

5.5.1 This judging criterion takes into account the overall finish of the model. This shall include how the joins are finished. It also takes into account how the model looks on closer inspection.

5.5.2 This should be achieved without the need to pick up the model in order to inspect it thoroughly.

5.6 Glasswork

5.6.1 Glasswork shall take into account the way windows; canopies, lights etc. are attached to the model and whether glue or paint smears appear.

5.6.2 It shall also take into account if the framework for canopies etc. is painted and detailed.

6.0 DIORAMA

6.1 Please note that there is currently only a single Open category in the Diorama Competition – this is open to all members.

6.2 Additional Conditions of Entry for Dioramas

6.2.1 Each diorama shall contain at least one aircraft model. The maximum size of the base of the diorama shall not exceed 50cm x 50cm.

6.3 Scale

6.3.1 All elements in the diorama should be in approximately the same scale.

6.4 Layout

6.4.1 A well-structured and uncluttered diorama is expected compared to one that is unstructured and cluttered.

6.5 Use of Materials

6.5.1 Creativity in the use of materials is sought.

6.6 Skill

6.6.1 More points shall be given to the use of a wider range of skills compared to a narrow set of skills

6.7 Construction

6.7.1 Construction faults will be noted. The different parts of the models used in the diorama shall be glued to ensure all joints fit tightly together. Gaps between joints and tool marks are to be avoided. Similarly, excessive use of glue and smearing of glue is also to be avoided.

6.8 Finish

6.8.1 Attention shall be given to how the materials used on the diorama have been applied. The following shall be taken into account; the proper application of decals or decorations, brush marks and paint runs, unrealistic weathering and contamination.



6.9 Presentation

6.9.1 The overall presentation is judged on the first impression from approximately arms distance. This takes into account the way the elements in the diorama are positioned, the realism of their presentation and the general appearance as would be seen by a casual observer.

7.0 CONCLUSION

7.1 We encourage all Squadrons to take part in the **Education Display Competition** and to also encourage their cadets to get involved in the **Essay Competition**.

8.0 FURTHER INFORMATION

8.1 Questions can be directed to the NSWGG Education Officer via email to education.nswgg@airleague.com.au.

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