



MODEL GLIDER COMPETITION 2026



Name of School :

Category:

Entry code:

Name of Supervising teacher and Signature:

Students Names and Signature: 1.

2.

3.

4.

Date :

School Seal and Signature :

Project :

Design, Build and Fly a Model Glider



Why are you doing this project?

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What key concepts and principles have you learned about aerodynamics?

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.....

If yes, give details of sources: Books, TV/Videos, Internet, other?

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.....

Has any member of your team ever built (not bought ready-made!) a model aircraft before?

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.....

How do you expect that this competition may help you in the future? In your exams? Or in a career?

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.....

Materials used :



List and describe all materials used in the construction of the model glider.

** The use of photos and illustrations are encouraged.*

This aircraft is of conventional layout (wings in front of tailplane)

Describe:

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.....

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.....

.....

Designing the Model Glider

Design



Sketch of the projected model (**The use of annotations and descriptions are encouraged.*)



Building the Model Glider



Briefly describe and illustrate the building process and steps involved:

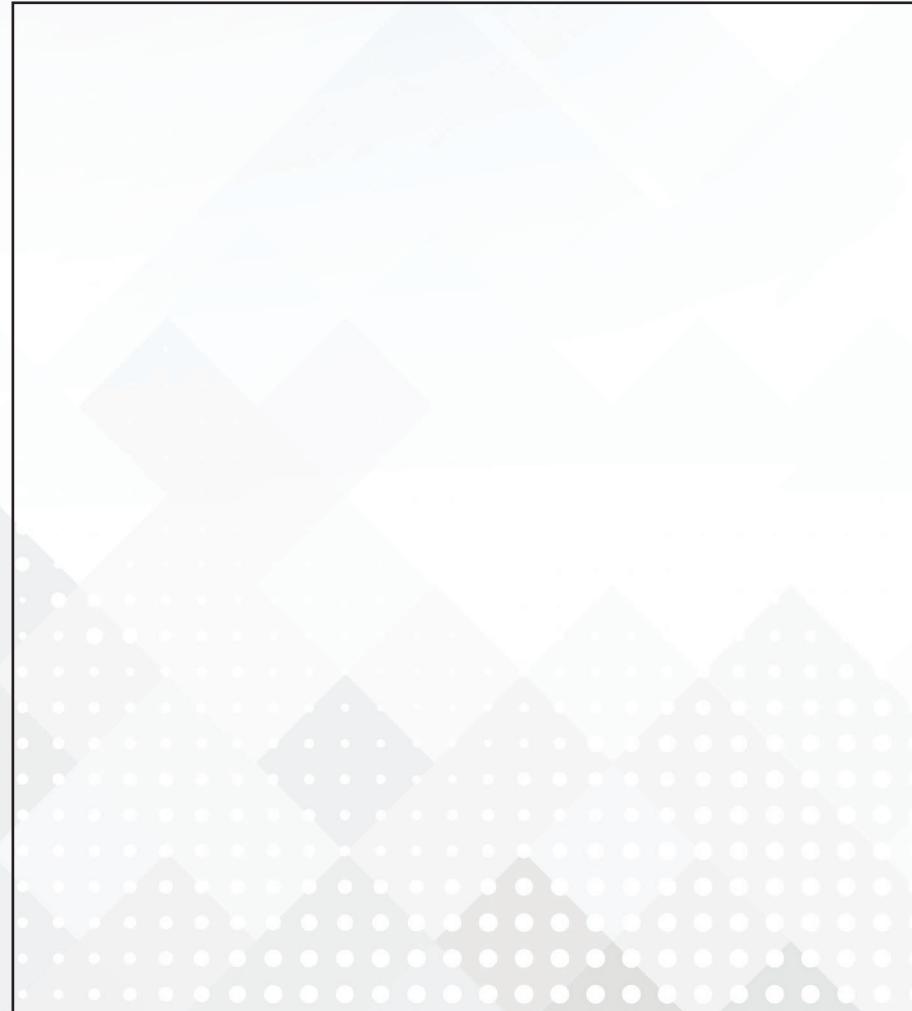
Flight test(s)



Photos:



Flight Records:

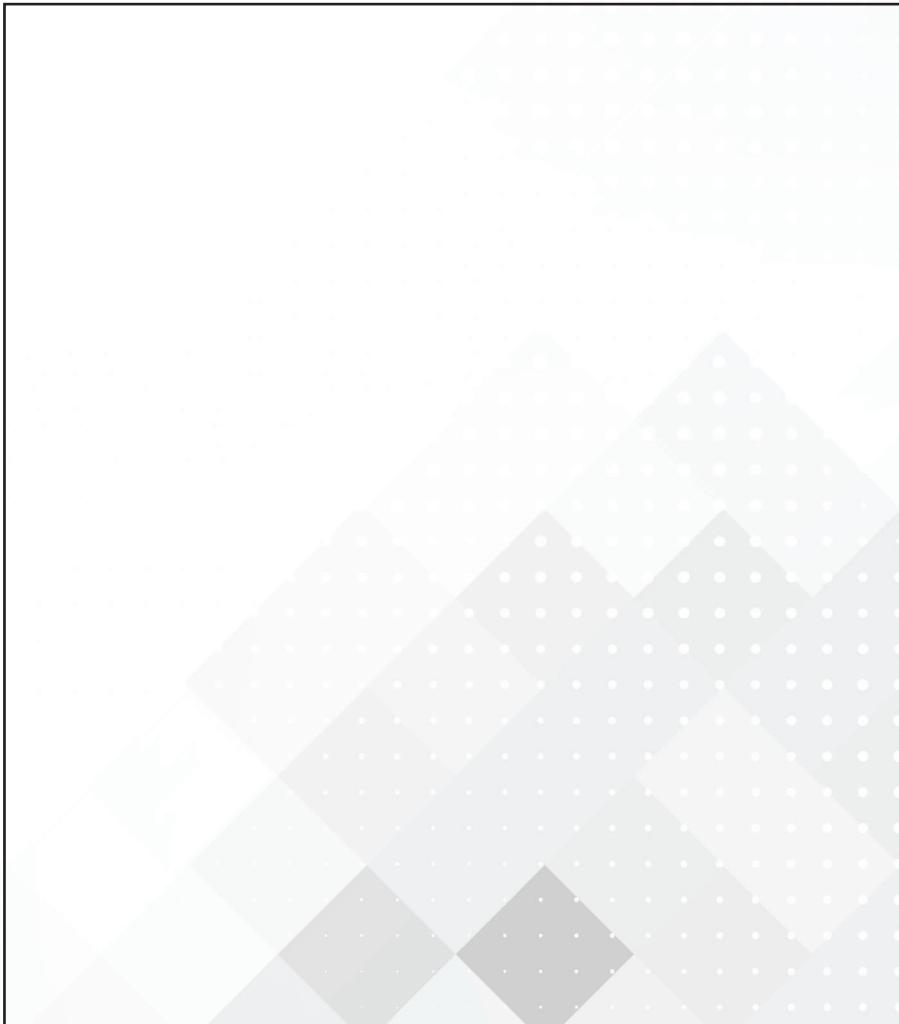


Fine-tuning



Issues encountered

Solutions



Fine Tuning

Design, Build and Fly a Model Glider



For the model glider you are constructing:

i. What is the Aspect Ratio?

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ii. What is the Dihedral Angle?

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iii. What is the Angle of Incidence?

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