

Academy of Model Aeronautics

An Affiliate of the National Aeronautic Association of the U.S.A.

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Muncie, Indiana 47302
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AMA National Record Application RC Soaring

This form must be filled out and mailed within fourteen (14) days of the record attempt flight

Claimant Information:

Name: (please print) _____ AMA No.: _____

Address: _____

City: _____ State: _____ Zip: _____

Date of Birth: _____ Signature: _____

E-mail Address: _____ Daytime Tel.: _____

Event Information:

Name of Meet: _____ Contest Classification: _____

City: _____ State: _____ Date of Flight: _____

(If more information for location, please specify on separate sheet)

Please Circle the Event Category

<input type="checkbox"/> Slope Duration	<input type="checkbox"/> Thermal Duration	<input type="checkbox"/> Declared Distance
<input type="checkbox"/> Open Distance	<input type="checkbox"/> Closed Course Distance	<input type="checkbox"/> Altitude
<input type="checkbox"/> Speed		

Please Circle the Class

A B C D

Name of Model: _____ Designer: _____

Original Design: Yes No Kit Manufacturer: _____ Magazine Plans: _____

(If original design is used, a three-view drawing is required)

Wingspan: _____ Wing Area: _____ Stab Area: _____ Total Weight: _____

Functions Used: Elevator _____ Rudder _____ Spoiler _____ Aileron _____ Other _____

RC Equipment: Manufacturer _____ TX _____ RX _____ No. of Servos _____

Method of Launch: _____ Length of Line: _____

Record Data

DURATION: Slope Thermal Lowest Reading: _____ Hrs. _____ Min. _____ Sec.

1st Official Watch Reading _____ Hrs. _____ Min. _____ Sec. Timer's Signature _____

2nd Official Watch Reading _____ Hrs. _____ Min. _____ Sec. Timer's Signature _____

DISTANCE: Open Declared Closed Course

Distance Flown _____ Meters _____ Kilometers _____ Miles _____ Laps

(Enclosed appropriate map and declaration if attempt is for declared distance.)

SPEED: 1st Official Watch Reading _____ Sec. Timer's Signature _____
 2nd Official Watch Reading _____ Sec. Timer's Signature _____
 3rd Official Watch Reading _____ Sec. Timer's Signature _____
 4th Official Watch Reading _____ Sec. Timer's Signature _____

(Duration)

Speed Calculation (1968 + _____ Avg. Sec.) + 1.4887 = _____ MPH

ALTITUDE: Method Used - Barograph in Model Barograph in Full-Scale Aircraft
 Theodolite Triangulation

If Barograph Was Used: Initial Setting _____ Date _____
 Final Setting _____ Date _____

Signature of Barograph Calibrator _____

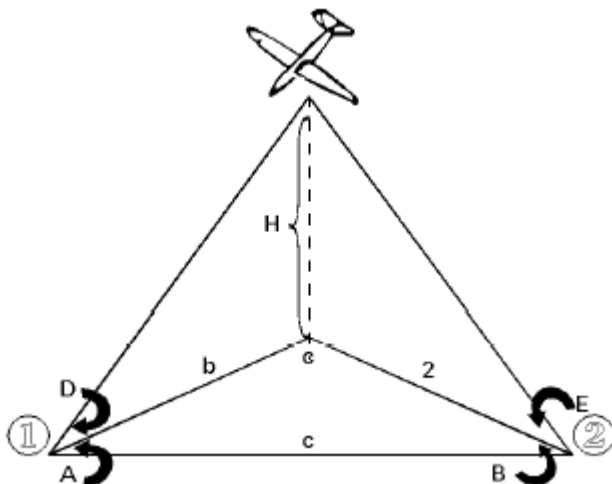
Signature of Pilot (Full-scale, if applicable) _____

Signature of Observer Witness _____

Note: The pilot's signature attests to the fact that he/she followed the model, but never rose above it. The observer must attest to the above statement also.

If Theodolite Was Used: Operator Number 1 – Signature _____

Operator Number 2 – Signature _____



$$H = \frac{a(\tan E) + b(\tan D)}{2}$$

(altitude equation)

Base Line c _____ ft.

Leg b _____ ft. Leg a _____ ft.

Angle A _____ Angle B _____

Angle D _____ Angle E _____

H (altitude) _____

Contest Director's Statement

This is to certify that I have checked the above statement for (print filer's name) _____ and that it agrees with the official flight data for the competition named above, sanctioned by AMA, Certificate of Sanction No. _____, which was directed by me and had _____ contestants. This also certifies that all specifications of the rules were met by the model, the support equipment, and the flier at the time of the claimed record performance.

Contest Director: (print name) _____ AMA No.: _____

Contest Director's Signature: _____

Date: _____ Tel.: _____

All record applications must be accompanied by sufficient documentation describing methods and equipment used, proof of accuracy of equipment, and competence of operators. All applicable data must be filled in on application.

FOR CONTEST BOARD USE ONLY

Approved for Record by: _____ AMA No.: _____

Signature: _____ Date: _____