

# Tripoli Altitude Record Form

Name \_\_\_\_\_ Tripoli # \_\_\_\_\_

Address \_\_\_\_\_ Area Code \_\_\_\_\_ Phone # \_\_\_\_\_

City, State, ZIP \_\_\_\_\_

Altitude Achieved \_\_\_\_\_ Date \_\_\_\_\_

Record Class (Check appropriate motor class)

\_\_\_ F \_\_\_ G \_\_\_ H \_\_\_ I \_\_\_ J \_\_\_ K \_\_\_ L \_\_\_ M \_\_\_ N \_\_\_ O

Launch Site Information:

Name of Launch \_\_\_\_\_ Launch Organizer \_\_\_\_\_

Date of Launch \_\_\_\_\_ Place of Launch \_\_\_\_\_

Elevation Above Sea Level \_\_\_\_\_ Temperature at Launch \_\_\_\_\_

List Motor(s) and Manufacturers

Motor	Total Impulse	# Used	Manufacturer	Date Code	Stage Number (1,2 etc.)

Total Impulse of all Motors \_\_\_\_\_ N-SEC # of stages \_\_\_\_\_

Mass Rocket: Gross \_\_\_\_\_ Empty \_\_\_\_\_

Total Rocket Length: \_\_\_\_\_

Stage 1 Diameter: \_\_\_\_\_ Stage 2 Diameter: \_\_\_\_\_ Stage 3 Diameter: \_\_\_\_\_

Method of Altitude Verification: \_\_\_\_ Optical Tracking \_\_\_\_ Altimeter \_\_\_\_ Other

For optical tracking only: Baseline Length\_\_\_\_\_  
Tracker 1 Az\_\_\_\_ Elev\_\_\_\_ Tracker 2 Az\_\_\_\_ Elev\_\_\_\_  
Reduction Method\_\_\_\_ Closure %\_\_\_\_\_  
Use separate sheet of paper to explain reduction method if necessary..

For altimeters only: Manufacturer\_\_\_\_\_  
Model\_\_\_\_ Reported Accuracy\_\_\_\_\_  
Date of Purchase\_\_\_\_ Flown Altimeter Before? ( Y / N )

Other: Attach separate sheet of paper detailing equipment and method used.

Signatures:  
The individual listed below certifies that the record attempt successfully deployed the recovery device(s) and had a safe descent.

RSO Name\_\_\_\_ TRA #\_\_\_\_ Signature\_\_\_\_\_  
Date\_\_\_\_\_

The individuals listed below certify that the motors listed above were the ones used in the record attempt and the altitude obtained by optical tracking or an altimeter is accurate to the best of his/her knowledge. The witnesses or launch officials can be any Tripoli member who observed the preparation and launch of the rocket. The applicant must be a current Tripoli member.

Witness or Launch Official #1

Name\_\_\_\_ TRA #\_\_\_\_ Signature\_\_\_\_\_  
Date\_\_\_\_\_

Witness or Launch Official #2

Name\_\_\_\_ TRA #\_\_\_\_ Signature\_\_\_\_\_  
Date\_\_\_\_\_

Applicant

Name\_\_\_\_ TRA #\_\_\_\_ Signature\_\_\_\_\_  
Date\_\_\_\_\_

Photograph of Rocket Included? ( Y / N ) Required for all official record attempts

Drawing with Dimensions Included? ( Y / N ) Suggested, but not required.

A filing fee of \$5.00 (make checks payable to "Tripoli") must be included with this form. Additional information may be requested concerning the record attempt before the flight is recognized as a record. Including a photograph of the rocket is required and a drawing or diagram is encouraged. This form should be postmarked no later than thirty days after the date of the record attempt and sent to the Tripoli Contest and Records Committee at the address below.

Tripoli Contest and Records Committee  
Tom Rouse  
1337 Rimrock Dr.  
San Jose, Ca. 95120

(Copy this form, as many times as necessary, for your use.)