

## APPLICATION FOR ALTITUDE RECORD

NAME \_\_\_\_\_ TRIPOLI NUMBER \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

E-MAIL \_\_\_\_\_ PHONE \_\_\_\_\_

ALTITUDE ACHIEVED \_\_\_\_\_ DATE \_\_\_\_\_

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

### **LAUNCH INFORMATION**

NAME OF LAUNCH \_\_\_\_\_ LAUNCH ORGANIZER \_\_\_\_\_

DATE OF LAUNCH \_\_\_\_\_ PLACE OF LAUNCH \_\_\_\_\_

ELEVATION ABOVE SEA LEVEL \_\_\_\_\_

### **ROCKET INFORMATION**

DIAMETER \_\_\_\_\_ LENGTH \_\_\_\_\_ LIFTOFF WEIGHT \_\_\_\_\_

EMPTY WEIGHT \_\_\_\_\_ RECOVERY METHOD \_\_\_\_\_

ELECTRONICS CONFIGURATION-

ALTIMETER USED FOR APOGEE DEPLOYMENT \_\_\_\_\_

ALTIMETER USED FOR LOW ALTITUDE DEPLOYMENT \_\_\_\_\_

ALTITUDE AS RECORDED BY SECONDARY ALTIMETER \_\_\_\_\_

(This information is used only for compiling data on altimeter comparisons and is not used in ANY record verifications)

### **MOTOR INFORMATION**

rocket motor	manufacturer	total impulse	# used (clusters)

TOTAL IMPULSE OF ALL MOTORS \_\_\_\_\_

### **CATEGORY OF RECORD ATTEMPT**

- SINGLE STAGE
- CLUSTERED/STAGED
- HYBRID
- LARGE ROCKET
- RESEARCH INDIVIDUAL
- RESEARCH GROUP CATEGORY

**ALTIMETER INFORMATION**

TRIPOLI ALTIMETER ID # \_\_\_\_\_ DATE RECEIVED \_\_\_\_\_

ALTITUDE READOUT AT LAUNCH \_\_\_\_\_

WAS ALTIMETER USED FOR EVENTS OR RECORDING ONLY \_\_\_\_\_

**VERIFICATION AT LAUNCH**

The individuals below certify that the rocket information, motors used and date is accurate.

RSO NAME \_\_\_\_\_ TRA # \_\_\_\_\_ SIGNATURE \_\_\_\_\_

PREFECT \_\_\_\_\_ TRA # \_\_\_\_\_ SIGNATURE \_\_\_\_\_

The individuals below certify that the flight took place as claimed and was successfully recovered with no damage per TRA rules.

PREFECT \_\_\_\_\_ TRA CLUB \_\_\_\_\_ LOCATION \_\_\_\_\_

ALTITUDE AS OBSERVED AT SITE FROM TRA ALTIMETER \_\_\_\_\_

PREFECTS SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

APPLICANTS SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**DATA REQUIRED TO BE SUBMITTED WITH THIS APPLICATION**

- 1- Drawing of rocket with dimensions.
- 2- Picture of rocket and flyer to be e-mailed to TRA Contest committee.

**GPS FLIGHTS ONLY- (for all record attempts over 30,000 MSL)**

**GPS UNIT USED-**

**BeeLine** 70cm \_\_\_\_\_ 900 Mhz \_\_\_\_\_

ALTITUDE AT LAUNCH SITE \_\_\_\_\_ MSL

COMPUTER PRINTOUT OF DATA STREAM ENCLOSED \_\_\_\_\_ Y/N

DOWNLOADED GPS LOG FILE ENCLOSED \_\_\_\_\_ Y/N

FIRMWARE OF GPS UNIT \_\_\_\_\_

**GPSFlight**

ALTITUDE AT LAUNCH SITE \_\_\_\_\_ MSL

GPSFlight FILE ENCLOSED \_\_\_\_\_ Y/N

FIRMWARE OF GPS UNIT \_\_\_\_\_

PROCEDURE- After flight, the responsible Prefect at launch site, shall witness the downloading of the flight file from the GPS used in the rocket and confirm latitude and longitude at maximum altitude and confirm the maximum altitude. This will be used to verify the files supplied to the Contest and Records Committee.

The following must be witnessed and signed-

The individuals listed below, certify that the maximum altitude in MSL, latitude and longitude, as observed from the downloaded flight, is accurate and original.

\_\_\_\_\_ Launch Prefect \_\_\_\_\_ Applicant

LATITUDE AT APOGEE \_\_\_\_\_ LONGITUDE AT APOGEE \_\_\_\_\_

ALTITUDE OBSERVED FROM DOWNLOADED DATA \_\_\_\_\_

