

## Application for Tripoli 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 (NEEDED FOR GPS) \_\_\_\_\_

### **ROCKET INFORMATION**

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

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

ELECTRONICS CONFIGURATION-

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

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

### **MOTOR INFORMATION**

| Rocket Motor | Manufacturer | Total Impulse | # Used (clusters) |
|--------------|--------------|---------------|-------------------|
|              |              |               |                   |
|              |              |               |                   |
|              |              |               |                   |

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

### **CATEGORY OF RECORD ATTEMPT**

- SINGLE STAGE
- CLUSTERED/STAGED
- HYBRID
- HANDICAPPED
- RESEARCH INDIVIDUAL
- RESEARCH GROUP CATEGORY

### **ALTIMETER – For flights under 30,000 feet**

Altimeter Manufacturer and Type - \_\_\_\_\_

**VERIFICATION AT LAUNCH – PREFECT or TAP Member**

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

RSO NAME \_\_\_\_\_ TRA # \_\_\_\_\_ SIGNATURE \_\_\_\_\_  
PREFECT/TAP \_\_\_\_\_ TRA # \_\_\_\_\_ SIGNATURE \_\_\_\_\_

The individuals below certify that the flight took place as claimed and was successfully recovered with no damage per TRA rules. **To follow Tripoli Safety Code and/or Tripoli Research Safety Code including landing within the waiver cylinder**, and was conducted at a Tripoli sanctioned launch.

TRA CLUB \_\_\_\_\_ LOCATION \_\_\_\_\_  
ALTITUDE AS OBSERVED AT SITE FROM ALTIMETER \_\_\_\_\_  
PREFECTS OR TAPS SIGNATURE \_\_\_\_\_  
PREFECTS OR TAPS NAME (Print) \_\_\_\_\_  
DATE \_\_\_\_\_  
APPLICANTS SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

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

- Up to 3 Pictures of rocket and flyer to be e-mailed to TRA Contest committee.
- GPS FILE
- URL for YouTube and any additional notes you would like underneath your record (notes field)

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

GPS UNIT USED- \_\_\_\_\_  
ALTITUDE AT LAUNCH SITE \_\_\_\_\_ MSL  
COMPUTER PRINTOUT OF DATA STREAM ENCLOSED \_\_\_\_\_ Y/N  
DOWNLOADED GPS LOG FILE ENCLOSED \_\_\_\_\_ Y/N

PROCEDURE- After flight, the responsible Prefect/TAP Member 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. If flight data is found to have been altered after the flight, record is null and void, and will be removed.**

\_\_\_\_\_ Launch Prefect/TAP \_\_\_\_\_ Applicant

LATITUDE AT APOGEE \_\_\_\_\_  
LONGITUDE AT APOGEE \_\_\_\_\_  
ALTITUDE OBSERVED FROM DOWNLOADED DATA \_\_\_\_\_