

### Application for Tripoli Altitude Record

NAME BRYAN DUKE TRIPOLI NUMBER 16557  
 ADDRESS 523 VIA GAROFANO AVE  
 CITY HERNDENSON STATE NV ZIP 89011  
 E-MAIL bryan@thedukes.org PHONE 66-810-1117  
 ALTITUDE ACHIEVED 14596 FT DATE 2017-05-27  
 RECORD CLASS F  G  H  I  J  K  L  M  N  O

**LAUNCH INFORMATION**

NAME OF LAUNCH DELAMAR LAUNCH ORGANIZER TRIPOLI VEGAS  
 DATE OF LAUNCH 2017-05-27 PLACE OF LAUNCH DELAMAR DRY LAKE, NV  
 ELEVATION ABOVE SEA LEVEL (NEEDED FOR GPS) 4500

**ROCKET INFORMATION**

DIAMETER 1.26" LENGTH 23.9" LIFTOFF WEIGHT 20.5 oz  
 EMPTY WEIGHT 7.4 oz RECOVERY METHOD SINGLE 12" CHUTE  
 ELECTRONICS CONFIGURATION-  
 ALTIMETER USED FOR APOGEE DEPLOYMENT ALTUS METRUM EASYM111  
 ALTIMETER USED FOR LOW ALTITUDE DEPLOYMENT N/A

**MOTOR INFORMATION**

Rocket Motor	Manufacturer	Total Impulse	# Used (clusters)
I 224	CTI	381 Ns	1

TOTAL IMPULSE OF ALL MOTORS 381 Ns

**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 - ALTUS METRUM EASYM111

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

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

RSO NAME ROBERT MARTINEZ TRA # 16309 SIGNATURE [Signature]  
PREFECT/TAP BERNIE LUCIDO TRA # 14412 SIGNATURE [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 TRIPOLI VEGAS LOCATION DELAMAR LAKE, NV (CLUB: LAS VEGAS)  
ALTITUDE AS OBSERVED AT SITE FROM ALTIMETER FLIGHT SUMMARY: 14596, GBAH: 14506'  
PREFECTS OR TAPS SIGNATURE [Signature]  
PREFECTS OR TAPS NAME (Print) BERNIE LUCIDO  
DATE 5/27/2017  
APPLICANTS SIGNATURE [Signature] DATE 2017-05-27

**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 \_\_\_\_\_