

Application for Tripoli Altitude Record

NAME EVAN BROWN TRIPOLI NUMBER 14596
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 ALTITUDE ACHIEVED 15,101 DATE 6/24/17
 RECORD CLASS F G H I J K L M N O

LAUNCH INFORMATION

NAME OF LAUNCH UPSTATE RESEARCH URRF ROCKETRY FESTIVAL LAUNCH ORGANIZER URRG
 DATE OF LAUNCH 6/22-6/25/17 PLACE OF LAUNCH POTTER, NY
 ELEVATION ABOVE SEA LEVEL (NEEDED FOR GPS) _____

ROCKET INFORMATION

DIAMETER 1.22" LENGTH 47.75" LIFTOFF WEIGHT 45.2oz.
 EMPTY WEIGHT 22.5oz. RECOVERY METHOD MAN-APOGEE FOR ~~BO~~ SUSTAINER
 ELECTRONICS CONFIGURATION- STREAMER - MOWER DEPLOY FOR BOOST
 ALTIMETER USED FOR APOGEE DEPLOYMENT FEATHERWEIGHT RAVEN 3
 ALTIMETER USED FOR LOW ALTITUDE DEPLOYMENT NONE

MOTOR INFORMATION

Rocket Motor	Manufacturer	Total Impulse	# Used (clusters)
H399	CESARONI	282	1- BOOSTER
1204	CESARONI	348	1- SUSTAINER

TOTAL IMPULSE OF ALL MOTORS 630 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 - FEATHERWEIGHT RAVEN 3

VERIFICATION AT LAUNCH - PREFECT or TAP Member

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

RSO NAME Greg Elling TRA # 13057 SIGNATURE Greg Elling
PREFECT/TAP MIKE DOCHANEVICH TRA # 07965 SIGNATURE Mike Dochanevich

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 LRRE6 LOCATION POTTER, NY
ALTITUDE AS OBSERVED AT SITE FROM ALTIMETER 15101'
PREFECTS OR TAPS SIGNATURE Mike Dochanevich
PREFECTS OR TAPS NAME (Print) MIKE DOCHANEVICH
DATE 6/24/17
APPLICANTS SIGNATURE [Signature] DATE 6/24/17

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 _____