

Launch Report

April Showers
April 26th, 27th, and 28th

Attendance

Camping was nearly from Corner to Corner
Counted ~ 30 to 35 camp sites (from Panorama)
From Oregon, Washington, Idaho
Group of about 10 from the University of Washington
They want to do a pickup launch in March of next year (fits better with their schedule)

Weather (rated not as good as last year April due to wind / cold combo)

HARD FREEZES EACH NIGHT Friday night ~24 degrees Saturday night ~13 degrees (heavy ice)

Fire Danger was low so no fire equipment was needed

Great Mornings (low wind – Sunny) but starting chilly

Friday afternoon was OK but breezy

Friday night was cool but launchable – 2 flights (John Patric very nice sparky and lots of LED's)

(Jim Horstrup good flight but spit motor case – found)

Saturday morning was COLD, Sunny ... low wind Good launching

Saturday Afternoon was very windy & bone chillingBrutal (everyone inside trailers and tents)

Saturday night None due to bone chill brutal winds

Sunday morning until 1pm when shut down low wind / sunny and great launching

Flight Cards

Total Flight Cards 159

Total Motors 170

	3 Days	Friday	Saturday	Sunday
½ A	9	0	9	0
A	6	0	4	2
B	12	0	11	1
C	32	0	16	16
D	11	0	7	4
E	7	3	2	2
F	19	7	7	5
G	14	5	8	1
H	27	9	13	5
I	8	0	4	4
J	11	1	7	3
K	11	2	8	1
L	1	0	0	1
M	1	1	0	0
N	0	0	0	0
O	0	0	0	0
Total Motors	169	28	96	45

Cert Flights (8 Total – from flight cards)

John Halliwill	NAR Level 1
Richard Klyce	TRA Level 2
Michael Wadman	TRA Level 1
JP Patric	TRA Mentorship Level 1
Glenn Wilson	NAR Level 1
Don Buchanan	NAR Level 2 (was this successful?)
Kelly Jones	TRA Level 2
Brandon Camp	TRA Level 2 Attempt (Rdecovery Failure)

ANY OTHERS?

Hill Flights

One flight to above 20,460' (proposed / simmed @ 23,000' AGL) Motor CATO'd
Higher waiver was not called in (no violation due to CATO)
All rockets Simmed to over 20,460' AGL (research over 90% of that = 18,414' AGL)
RSO and LCO have to make sure no launch until higher waiver in place
FLYERS have a responsibility to make sure if you need a higher waiver it is in place before launch

Record Attempts 1 Kelly Bruland Achieved 12,2xx' AGL Record 14,xxx? AGL Failed

Cleaning up of sage in AWAY CELL

Saturday Afternoon we had about 11 guys that helped clean up the AWAY Cell
Removed everything except grass
Completed in 1 hour 20 minutes
Great Job all thanks for the help!!!
Burn the piles at May launch if allowed

NEXT PROJECT cleaning up HPR launch area..... some fairly large sage / bushes growing
Less area to clean should take less time to clean up

RSO Training

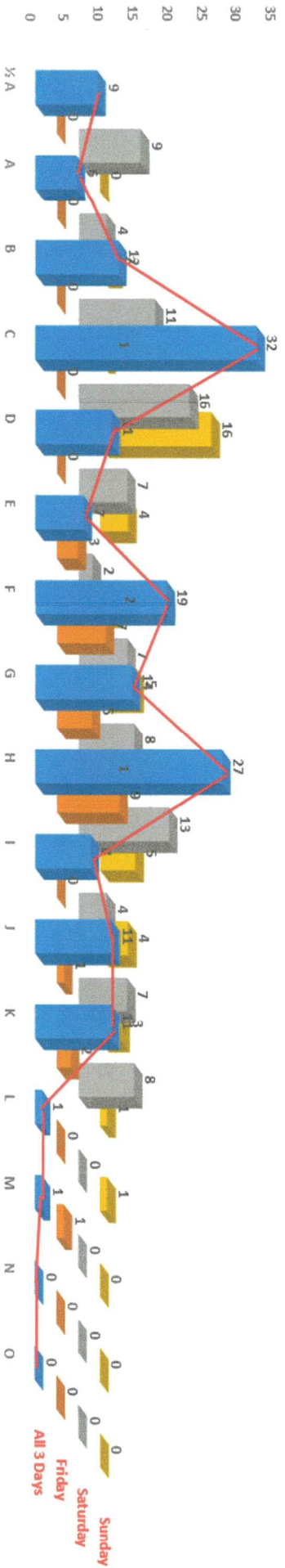
We did not do RSO Training Saturdayflying time short ... Brutal wind / temp
We will pick it up in May along with some LCO Training

Learnings

Waiver Issues

All flights over 20460' AGL must fly off Hill and must have a high Waiver in effect
Need more effective communication around waiver and what can launch where
We need new flight cards that help get us the needed data
Key Items (is it research)(is it a sparky) (cluster or # stages)
We need to train RSO's and LCO's to make sure cards are filled out by flyer and marked by RSO/LCO
LCO Post Flight Evaluation (many not filled in) (61 of the 159 Flight cards missing Post Flt Eval)
NAR/TRA, Membership #, Level (many parts not filled in) (57 of 159 missing cert level)
Date / Day missing The stack of cards was in good order so used that to help set date
Last name missing (many kids)

April Showers Launch Stats



■ All 3 Days
 ■ Friday
 ■ Saturday
 ■ Sunday

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