

LAUNCH SUMMARY

total number of flights	10
total number of low power flights	0
total number of HPRlite flights	2
total number of high power flights	8
total single stage flights	10
total cluster flights	0
total multiple stage flights	0
total cluster/staged flights	0
total number of motors expended	10
total impulse expended	3755.0
total number of flyers	7
number of states represented	1
States TX	

	flight class	flights
U	0.000-0.000 Ns	0
1/8A	0.001-0.312 Ns	0
1/4A	0.312-0.625 Ns	0
1/2A	0.625-1.250 Ns	0
A	1.250-2.500 Ns	0
B	2.500-5.000 Ns	0
C	5-10 Ns	0
D	10-20 Ns	0
E	20-40 Ns	0
F	40-80 Ns	1
G	80-160 Ns	1
H	160-320 Ns	6
I	320-640 Ns	1
J	640-1280 Ns	0
K	1280-2560 Ns	1
L	2560-5120 Ns	0
M	5120-10240 Ns	0
N	10240-20480 Ns	0
O	20480-40960 Ns	0
totals		10

	Top Ten Individual Flyers	number of flights
1.	Scott Cook	2
2.	Mike Sebesta	2
3.	Stu Powley	2
4.	David Schultz	1
5.	Reagan Utz	1
6.	Chuck Crabb	1
7.	Annie Scheidemantle	1

LAUNCH SUMMARY

Top Ten All-Around Flyers (individual + team)		number of flights
1.	Scott Cook	2
2.	Mike Sebesta	2
3.	Stu Powley	2
4.	David Schultz	1
5.	Reagan Utz	1
6.	Chuck Crabb	1
7.	Annie Scheidemantle	1

Top Ten Motor Users		number of motors
1.	Scott Cook	2
2.	Mike Sebesta	2
3.	Stu Powley	2
4.	David Schultz	1
5.	Reagan Utz	1
6.	Chuck Crabb	1
7.	Annie Scheidemantle	1

Top Ten Total Impulse Users		Tot Imp, N-s
1.	Scott Cook	1987.8
2.	Chuck Crabb	493.2
3.	Stu Powley	444.9
4.	Mike Sebesta	424.3
5.	Reagan Utz	206.0
6.	David Schultz	118.8
7.	Annie Scheidemantle	80.0

MOTOR USAGE

motor	type	TotImp (N-s)	prop wt (g)	single stage	cluster power	staged power	cluster staged	total usage
EM F20	0mm --	80.0	0.0	1	0	0	0	1
AT G64W	29mm RL	118.8	62.5	1	0	0	0	1
AT H130	38mm RL	210.0	120.0	1	0	0	0	1
AT H135	29mm SU	225.8	82.0	1	0	0	0	1
AT H148	38mm RL	206.0	122.0	1	0	0	0	1
CTI H151	29mm RL	207.2	109.1	1	0	0	0	1
CTI H170	29mm RL	217.1	102.3	1	0	0	0	1
AT H242T	38mm RL	234.9	110.8	1	0	0	0	1
LK I405	38mm RL	493.2	252.0	1	0	0	0	1
AT K805	54mm RL	1762.0	871.1	1	0	0	0	1
totals		3755.0		10	0	0	0	10

number of different motor types = 10

TOTAL FLIGHT SUMMARY

Rocketeer	Home Town	state	motor usage		model power		HPRlite		HPR		indiv total	team total
			Num	TotImp	ind	tm	ind	tm	ind	tm		
Scott Cook	Fort Worth	TX	2	1987.8	0	0	0	0	2	0	2	0
Chuck Crabb	FLower Mound	TX	1	493.2	0	0	0	0	1	0	1	0
Stu Powley	Rowlett	TX	2	444.9	0	0	0	0	2	0	2	0
Annie Scheidemantle	Midlothian	TX	1	80.0	1	0	0	0	0	0	1	0
David Schultz	Arlington	TX	1	118.8	1	0	0	0	0	0	1	0
Mike Sebesta	Dallas	TX	2	424.3	0	0	0	0	2	0	2	0
Reagan Utz	Sherman	TX	1	206.0	0	0	0	0	1	0	1	0
totals			10	3755.0	2	0.0	0	0.0	8	0.0	10	0.0

total number of flyers = 7

FLIGHT LOG

rocketeer(s)	stg	cls	type	TotImp	rocket	motor(s)	comment
Annie Scheidemantle	1		Hlt F	80.0	SCR none	EM F20	ground test
David Schultz	1		Hlt G	118.8	RW Formula 54	AT G64	
Reagan Utz	1		HPR H	206.0	SCR unknown	AT H148	
Mike Sebesta	1		HPR H	207.2	LOC Big X	CTI H151	chute release at 400
Stu Powley	1		HPR H	210.0	SCR Star Trek Starter	AT H130	cert attempt 1 (CATO)
Mike Sebesta	1		HPR H	217.1	LOC LOC IV	CTI H170	chute releast at 400
Scott Cook	1		HPR H	225.8	SCR Andromeda	AT H135	
Stu Powley	1		HPR H	234.9	SCR Star Trek Starter	AT H242	cert attempt 2
Chuck Crabb	1		HPR I	493.2	SCR Scortch XXXL	LK I405	
Scott Cook	1		HPR K	1762.0	PML Pterodactyl	AT K805	main at 700

total flights = 10

ROCKET KIT TYPE SUMMARY

Manufacturer	Model	Name	wt,oz	len,in	dia,in	fts
LOC/Precision	Big X *		0.0	0.0	0.0	1
LOC/Precision	LOC IV		29.0	47.5	4.0	1
Public Missiles Limited	Pterodactyl *		0.0	0.0	0.0	1
Rocketry Warehouse	Formula 54 *		0.0	0.0	0.0	1

total number of kit rocket types = 4

SCRATCH BUILT SUMMARY

Rocketeer	Model	Name	wt,oz	len,in	dia,in	flts
Scott Cook	Andromeda		0.0	0.0	0.0	1
Chuck Crabb	Scotch XXXL		0.0	0.0	0.0	1
Stu Powley	Star Trek Starter		0.0	0.0	0.0	2
Annie Scheidemantle	none		0.0	0.0	0.0	1
Reagan Utz	unknown		0.0	0.0	0.0	1

total number of scratch rocket types = 5

MANUFACTURER SUMMARY

Abbrev	Manufacturer	Number motors used	Flights using motors	Flights using airframe
AT	Aerotech	6	6	0
CTI	Cesaroni Technology Inc.	2	2	0
EM	Ellis Mountain	1	1	0
LK	Loki	1	1	0
LOC	LOC/Precision	0	0	2
PML	Public Missiles Limited	0	0	1
RW	Rocketry Warehouse	0	0	1
	scratch built			6
	totals	10	10	10

number of manufacturers = 7