



LUNAR'clips 2009

Livermore Unit of the National Association of Rocketry

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August 15th, NASA Ames

This was an intimate and fun launch. We were glad to see the Coopers again. Every launch we welcome a few more new faces. Returning Maker Faire people are easily recognized, by their Cyclone rockets.

Total Flights:	170	
Motors consumed:	180	
Total Impulse expended:	2132 - A mid-range "K"	
Total Fliers:	138	
Average Impulse		
Per motor:	11.8 - A low-range "D"	
Per flight:	12.5 - A low-range "D"	
Safety Statistics:		
Total Flights:	170	100.0%
Successful:	167	98.8%
Motor Failure:	0	0.0%
Unstable:	1	0.6%
Recovery Failure:	2	1.2%

Bill Orvis preps his video camera rocket. One frame of the movie had this really great shot of Hangar 1.



Paul Lane launched a California State Fire Marshall approved CTI "Sparky" motor. It was loud and sparky! Photo by Eljayem.

