AEROTECH F67

CERTIFIED VALUES

Total Impulse: 61.12 Newton-seconds

Delays: 4, 6, 9 Seconds

Propellant Type: WL - White Lightning

Propellant Mass: 30.0 grams

Casing Dimensions: $29 \text{ mm} \times 83 \text{ mm}$

CertificationDate: 17-October-30

CertificationType: Model Rocket

SIATIC TEST DATA Date Tested: 17-October-29

Total Impulse: 61.12 Newton-seconds (0.42)

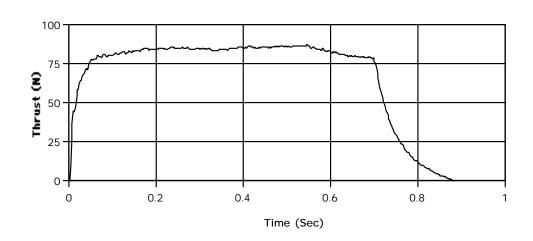
Peak Thrust: 85.73 Newtons (1.91)
Burn Time: 0.88 Seconds (0.05)

Average Thrust: 69.35 Newtons

Mass After Firing: 45.0 grams

Dallara Milara	Mfg Recommended		
Delay Time	Measured Delay	Initial Mass	Max Liftoff Weight
4	3.23	80.1 g	
6	5.79	80.8 g	
9	9.75	80.8 g	

TYPICAL
THRUST-TIME
CURVE



REMARKS



	Aero F67		Fired Oct 1				
	Aero Fo7	F67 Fired Oct 29, 2017					
FILE	ENGINE	TOTAL	MAX	AVG	BURN	DELAY	
NAME	TYPE	IMPULSE	THRUST	THRUST	TIME	TIME	
INAIVIL	1111	IIVII OLSE	TTIKOST	1111031	TIIVIL	IIIVIL	
AT170902	F67-4W	61.054	86.340	65.791	0.928	4.122	
AT170903	F67-4W	60.945	83.611	66.245	0.920	4.640	
AT170904	F67-4W	61.068	84.044	70.355	0.868	4.668	
AT170905	F67-6W	61.790	87.853	74.806	0.826	6.016	
AT170906	F67-6W	60.734	82.748	64.749	0.938	6.476	
AT170907	F67-6W	61.409	86.156	66.460	0.924	6.184	
AT170908	F67-6W	60.967	83.114	65.697	0.928	6.184	
AT170909	F67-9W	60.281	87.311	71.934	0.838	9.228	
AT170910	F67-9W	60.839	86.235	67.300	0.904	9.648	
AT170911	F67-9W	61.617	88.380	74.059	0.832	9.998	
AT170912	F67-9W	61.580	87.253	75.466	0.816	10.108	
	AVG	61.12	85.73	69.35	0.88		
	STD	0.42	1.91	3.89	0.05		
	STD %	0.69	2.23	5.61	5.19		
			DELAYS				
ALLOV	WABLE						
RANGE		INDICATED	AVG	ACTUAL	ACTUAL	ACTUAL	ACTUAL
2.5 TO 5.5		4	3.23	3.19	3.08	3.43	
4.5 TO 7.5		6	5.79	5.51	5.55	6.32	
7.2 TO 10.8		9	9.75	9.23	9.65	10.00	10.11