

AEROTECH F62

CERTIFIED VALUES

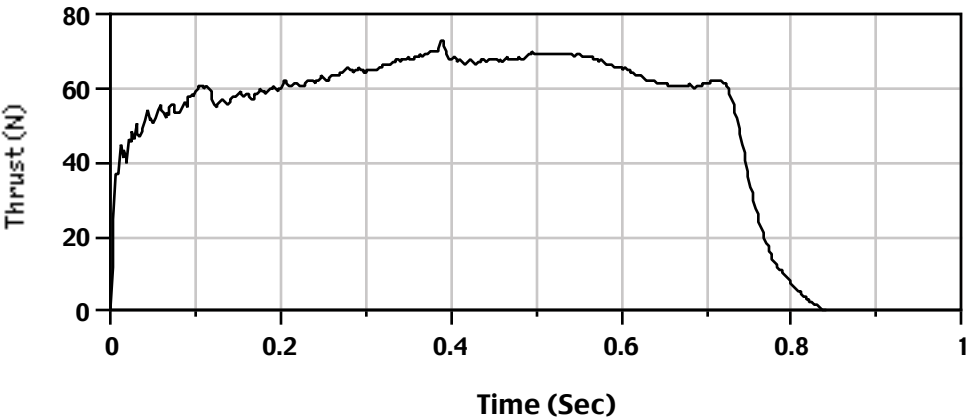
Total Impulse: 47.57 Newton-seconds
 Delays: 10 Seconds
 Propellant Type: FJ - Fast Jack
 Propellant Mass: 32.2 grams
 Casing Dimensions: 24 mm x 95 mm
 CertificationDate: 4-December-2017
 CertificationType: Model Rocket

STATIC TEST DATA

Date Tested: 3-December-2017
 Total Impulse: 47.57 Newton-sec (0.73)
 Peak Thrust: 73.10 Newtons (3.91)
 Burn Time: 0.84 Seconds (0.01)
 Average Thrust: 56.91 Newtons
 Mass After Firing: 50.0 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
10	9.54	88.1 g	

TYPICAL THRUST-TIME CURVE



REMARKS



	Aero F62		TESTED 12/3/17			
FILE	ENGINE	TOTAL	MAX	AVG	BURN	DELAY
NAME	TYPE	IMPULSE	THRUST	THRUST	TIME	TIME
AT171201	F62FJ-10	46.280	78.068	54.201	0.854	9.600
AT171202	F62FJ-10	47.462	66.820	54.922	0.864	9.236
AT171203	F62FJ-10	48.140	74.348	58.000	0.830	9.944
AT171204	F62FJ-10	48.924	76.965	59.809	0.818	9.906
AT171205	F62FJ-10	47.851	76.195	57.791	0.828	9.630
AT171206	F62FJ-10	47.637	69.592	56.846	0.838	10.170
AT171207	F62FJ-10	47.026	70.798	56.251	0.836	9.364
AT171208	F62FJ-10	48.170	78.060	57.897	0.832	8.778
AT171209	F62FJ-10	48.056	74.199	57.621	0.834	9.580
AT171210	F62FJ-10	NO DATA				
AT171211	F62FJ-10	46.801	71.712	55.716	0.840	9.458
AT171212	F62FJ-10	46.893	67.397	56.909	0.824	9.238
	AVG	47.57	73.10	56.91	0.84	9.54
	STD	0.73	3.91	1.51	0.01	
	STD %	1.53	5.35	2.65	1.49	