

# AMW I325

## CERTIFIED VALUES

Total Impulse: 593.80 newton-seconds  
Delays: 18 seconds

Propellant Type: White Wolf  
Propellant Mass: 316.8 grams

Casing Dimensions: 38 mm × 370 mm

Certification Date: 06-Dec - 20  
Contest Use Date:

Certification Type: High Power Rocket

## STATIC TEST DATA

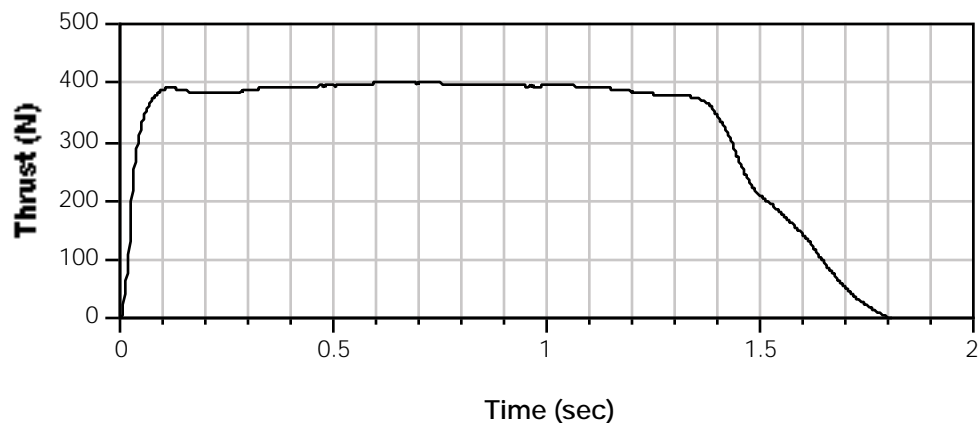
Date Tested: December 19, 2006

Total Impulse: 593.80 newton-seconds ( 01.23)  
Peak Thrust: 402.18 newtons ( 6.62)  
Burn Time: 1.81 seconds ( 0.04)  
Average Thrust: 327.83 newtons

Mass After Firing: 395.1 grams

Delay Time	Average Measured Delay	Initial Mass
18	18.04	711.9 g

## TYPICAL THRUST-TIME CURVE



## REMARKS

AMW		I325WT		WT-38-640				
ENGINE	TOTAL	MAX	AVG	BURN	DELAY	INIT	BURNT	PROPELLANT
TYPE	IMPULSE	THRUST	THRUST	TIME	TIME	WT	WT	MASS
I325-18WT	595.04	401.84	337.71	1.762	17.674	716.9	400.4	316.5
I325-18WT	592.13	394.24	319.38	1.854	18.116	714.0	397.0	317.0
I325-18WT	594.24	410.45	326.87	1.818	18.334	704.9	388.0	316.9
AVG	593.80	402.18	327.98	1.81	18.04	711.93	395.13	316.80
STD	1.23	6.62	7.52	0.04	0.27			
STD %	0.21	1.65	2.29	2.09	1.52			
		AVG	327.83					