

DMS™ Disposable Motor System™ Data Sheet

AeroTech produces a variety of composite propellant formulations including White Lightning (W), Super White Lightning (WS), Blue Thunder (T), Black Jack (J), Black Max (FJ), Redline (9), Warp-9 (N), Mojave Green (G), Metalstorm (M), Dark Matter (DM), Super Thunder (ST), Classic (C) & Propellant-X (X). Rocket propellant abbreviations, indicated in the brackets, are listed after the average thrust number on the DMS rocket motors listed below.

29mm DMS										
Motor	Part No.	Length [inches]	t _t [N-sec.]	T _{max} [N]	T _b [sec.]	T _d [sec.]	Prop Wt. [g]	Total Wt. [g]	Certification	Price
G8ST	070800	5.79	130	8	19.8	P	83	157	TRA	\$34.99
G12ST	071200	5.79	144	31	12.7	P	82	150	TRA	\$34.99
G72DM	077214	4.88	105	106	1.3	14	63	132	TRA	\$29.99
G75M	077513	4.88	115	111	1.3	13	67	133	TRA	\$29.99
G80NT	078014	4.88	137	109	1.7	14	63	128	TRA	\$29.99
G125T	071214	4.88	128	160	0.95	14	60	125	TRA	\$29.99
H13ST	081300	8.00	211	50	15.20	P	116	203	TRA	\$44.99
H115DM	081114	8.00	172	126	1.5	14	113	205	TRA	\$36.99
H135W	081314	8.00	226	152	1.7	14	121	211	TRA	\$36.99
H169WS	081613	8.00	233	231	1.4	13	112	202	TRA	\$36.99
H182R	081814	8.00	218	192	1.2	14	115	207	TRA	\$36.99
H195NT	081914	8.00	236	254	1.16	14	107	196	TRA	\$36.99
I205W	092014	12.00	345	253	1.7	14	188	315	TRA	\$49.99

38mm DMS										
Motor	Part No.	Length [inches]	t _t [N-sec.]	T _{max} [N]	T _b [sec.]	T _d [sec.]	Prop Wt. [g]	Total Wt. [g]	Certification	Price
H100W	081014	6.12	234	131	2.3	14	121	261	TRA	\$41.99
H219T	082114	6.12	234	267	1.1	14	109	256	TRA	\$41.99
H283ST	082815	6.12	201	325	0.7	15	97	247	TRA	\$41.99
H45W	0845P	7.98	320	87	6.0	PS	180	364	TRA	\$48.99
H550ST	085514	7.98	320	667	0.57	14	145	315	TRA	\$48.99
I140W	091414	7.98	336	181	2.4	14	183	356	TRA	\$49.99
I175WS	091713	7.98	333	260	1.9	13	168	348	TRA	\$49.99
I280DM	092814	14.03	561	386	1.9	14	355	616	TRA	\$74.99
I500T	095014	14.03	620	613	1.24	14	312	576	TRA	\$74.99
J270W	102714	14.03	703	356	2.6	14	381	642	TRA	\$79.99
J425R	104214	14.03	676	452	1.6	14	364	631	TRA	\$79.99
J435WS	104314	14.03	737	607	1.7	14	352	624	TRA	\$79.99

54mm DMS										
Motor	Part No.	Length [inches]	t _t [N-sec.]	T _{max} [N]	T _b [sec.]	T _d [sec.]	Prop Wt. [g]	Total Wt. [g]	Certification	Price
I65W	096510	8.58	640	178	9.0	PS	377	752	TRA	\$89.99
J250W	102514	8.58	716	331	2.8	14	363	708	TRA	\$99.99
J450DM	104514	14.10	1,097	556	2.4	14	662	1,209	TRA	\$129.99
K400C	114014	14.10	1,361	549	3.3	14	650	1,194	TRA	\$149.99
K535W	115314	14.10	1,434	655	2.8	14	745	1,264	TRA	\$149.99
K455NW	114517	25.00	2,328	1,308	5.1	17	1,361	2,286	TRA	\$229.99
K850DM	118516	25.00	1,867	974	2.2	16	1,149	2,022	TRA	\$229.99
L1000W	121018	25.00	2,714	1,261	2.7	18	1,400	2,194	TRA	\$239.99

75mm DMS										
Motor	Part No.	Length [inches]	t _t [N-sec.]	T _{max} [N]	T _b [sec.]	T _d [sec.]	Prop Wt. [g]	Total Wt. [g]	Certification	Price
L875DM	12875P	25.12	3,800	1,035	4.3	PS	2,472	4,577	TRA	\$349.99
M1350W	13135P	25.12	5,293	1,779	3.9	PS	2,690	4,808	TRA	\$399.99

98mm DMS										
Motor	Part No.	Length [inches]	t _t [N-sec.]	T _{max} [N]	T _b [sec.]	T _d [sec.]	Prop Wt. [g]	Total Wt. [g]	Certification	Price
M1340W	13143P	21.90	7,673	1,928	5.7	PS	4,036	6,998	TRA	\$549.99
O5280X	15528P	55.44	22,680	6,990	4.5	PS	9,779	15,345	TRA	\$1,999.99

FLY MORE with DMS™



DISPOSABLE MOTOR SYSTEM™

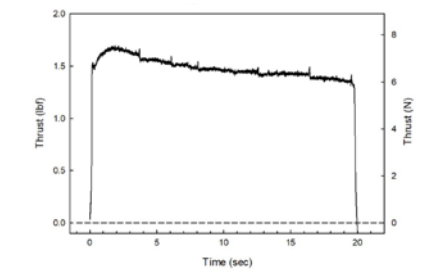
Photo by Nadine © 2018



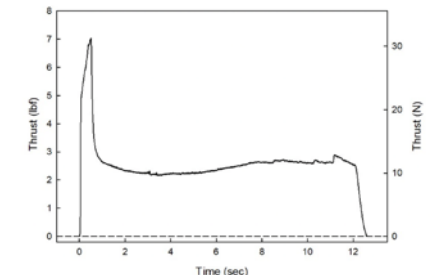
NEW DMS ROCKET MOTORS

29mm

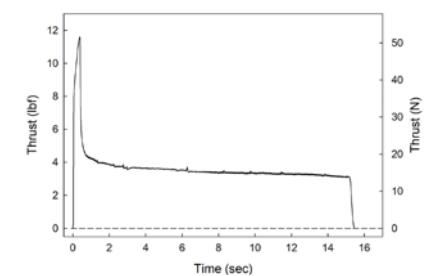
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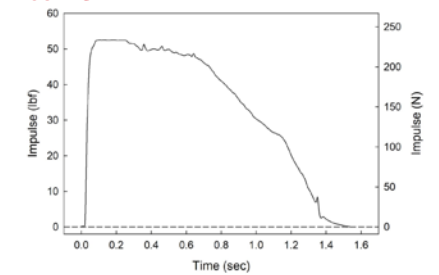
G12ST



H13ST



H169WS



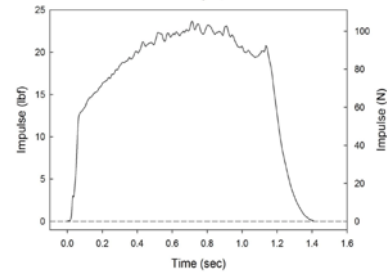
www.aerotech-rocketry.com



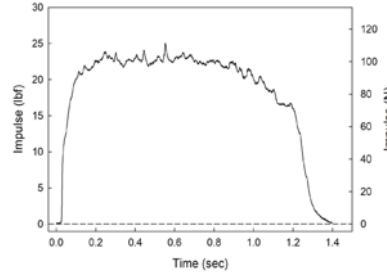
**ACTUAL CERTIFICATION
THRUST-TIME CURVES FOR
DMS™ ROCKET MOTORS.**
MANY DMS™ ROCKET MOTORS
FEATURE ADJUSTABLE TIME DELAYS.

29mm

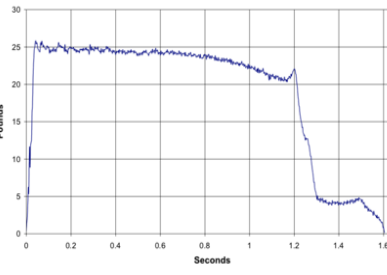
G72DM



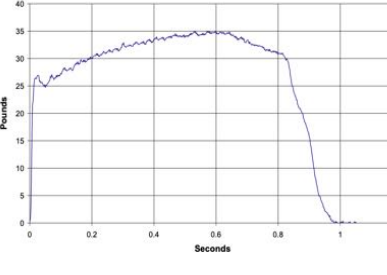
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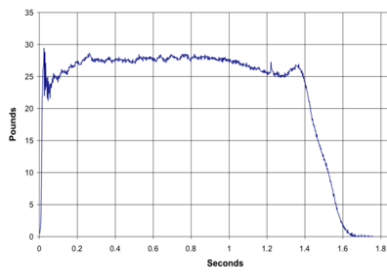
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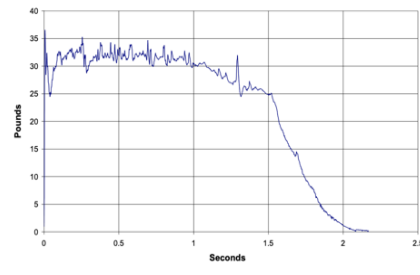
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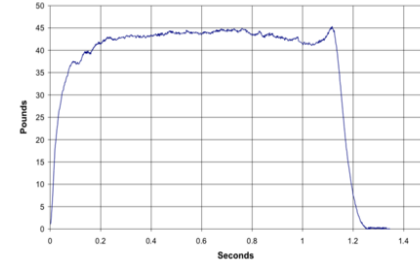
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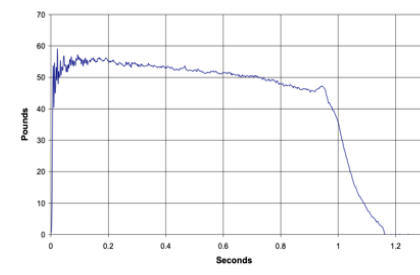
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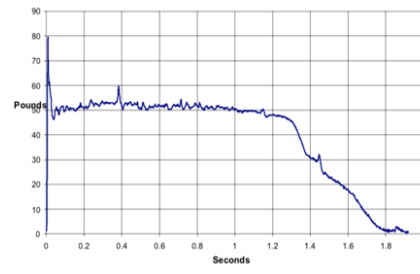
H182R



H195NT



I205W



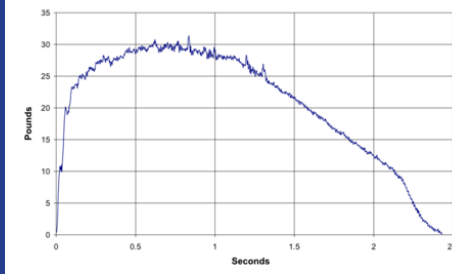
38mm

Additional DMS™ motor data
is available in the Resources
Area of the AeroTech website.
www.aerotech-rocketry.com

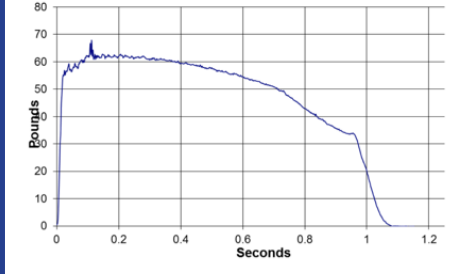


AeroTech Division of RCS
Rocket Motor Components, Inc.
2113 W. 850 N.,
Cedar City, UT 84721
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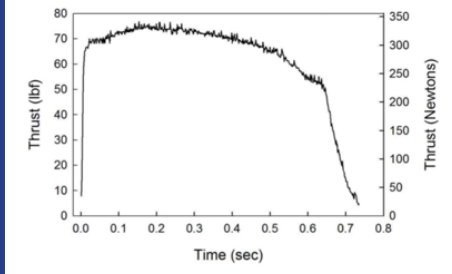
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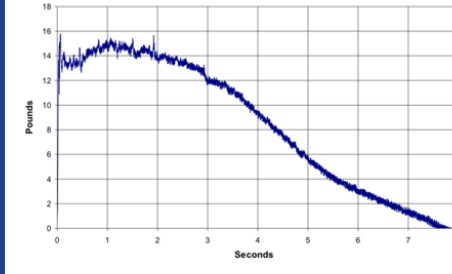
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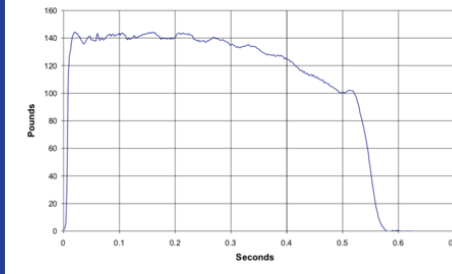
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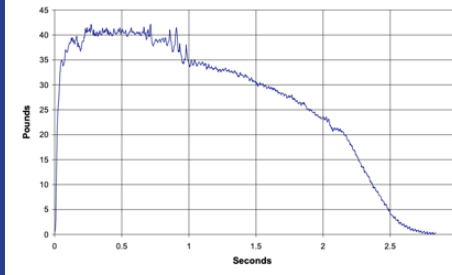
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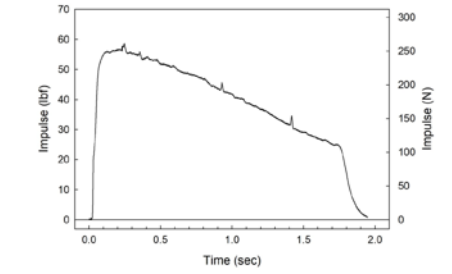
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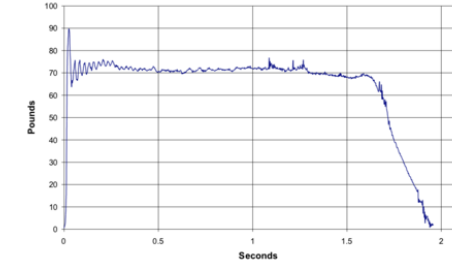
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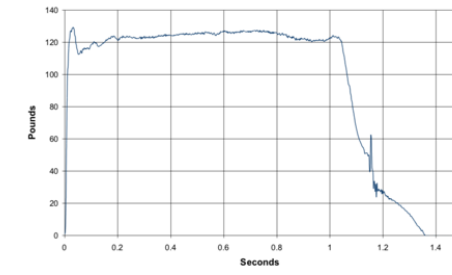
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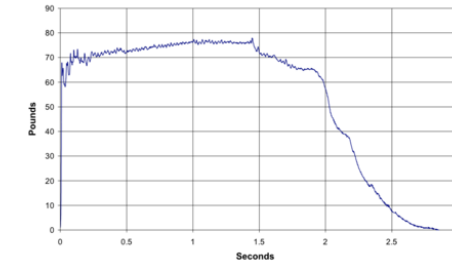
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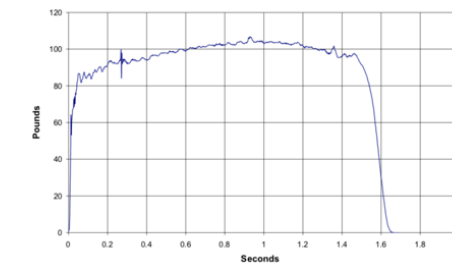
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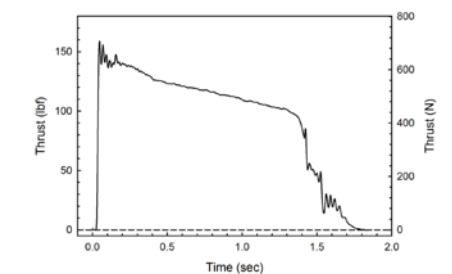
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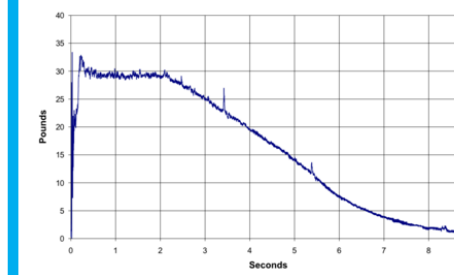
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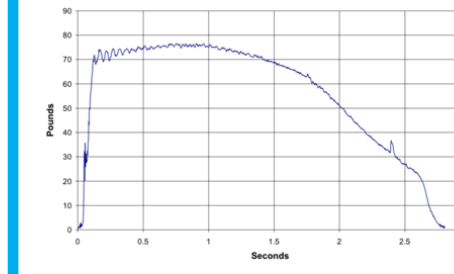
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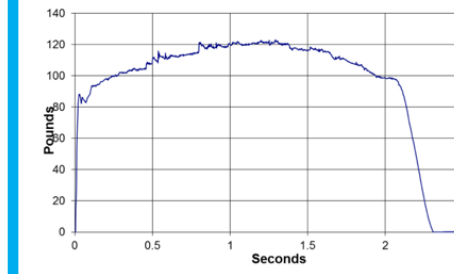
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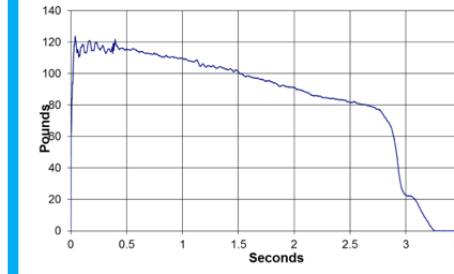
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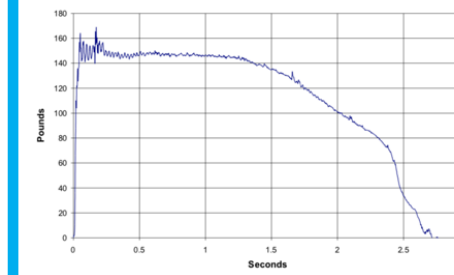
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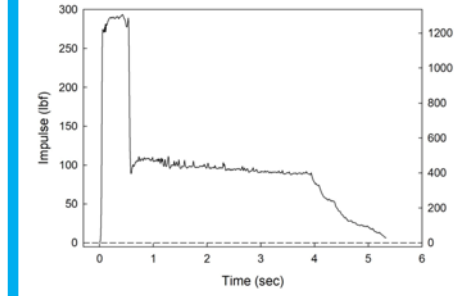
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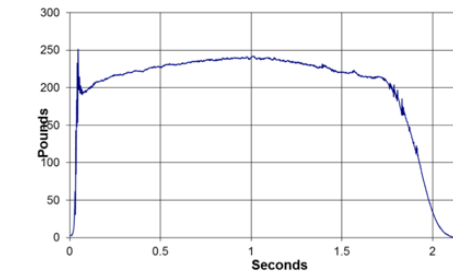
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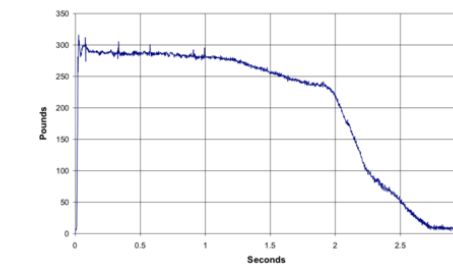
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K850DM

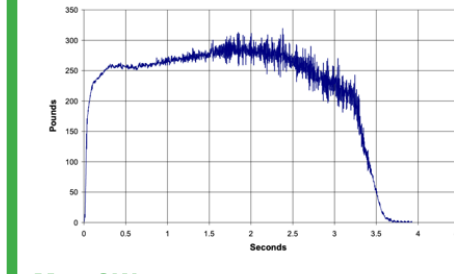


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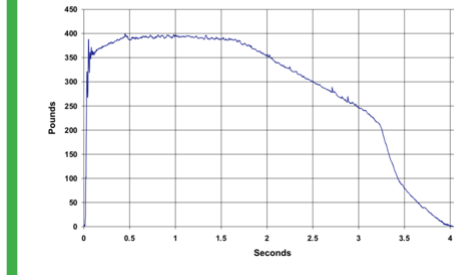


54mm

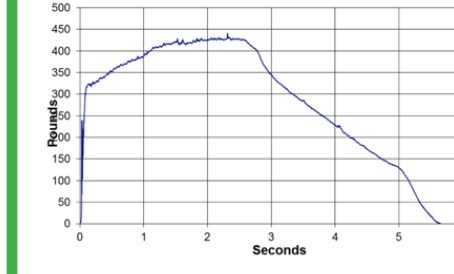
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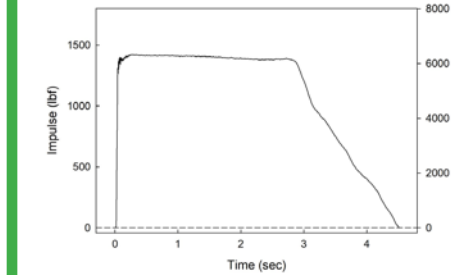
M1350W



M1340W



O5280X



75mm & 98mm