



# COMPOSITE ROCKET MOTOR CASES

<b>Motor Case Heritage</b>	<b>Dimensions (in.) Diameter x Length</b>	<b>Structural Material</b>	<b>Application</b>
AAWS-M Flight Demo	6 x 5.5	Graphite	Interceptor
Altair III	19.6 x 40	Glass	Orbital Insertion
AMRAAM	7 x 50	Kevlar*	Tactical
Arrow Booster	21 x 130	Graphite	Interceptor
Arrow Kill Vehicle	15.3 x 14.7	Graphite	Interceptor
ASAS	28 x 185	Graphite	Interceptor
ASAT	19.6 x 40	Glass	Interceptor
Blue Origin	24 x 42	Graphite	CrewEscape
ERINT	10 x 100	Graphite	Tactical
FW-5	27.4 x 24.5	Glass	Orbital Insertion
GMLRS IM	11 x 83	Graphite	Tactical
HS-393	52 x 70	Glass	Orbital Insertion
HVR	2.75 x 47	Graphite	Tactical
Improved SPRINT	29 x 58	Kevlar*/Graphite	Interceptor
INTELSAT VI	92 x 72	Kevlar*	Orbital Insertion
JAGM / JCM	7 x 26	Graphite	Tactical
KEW Upper Stage	14 x 14	Graphite	Interceptor
KEW Lower Stage	16.5 x 41	Graphite	Interceptor
Minuteman III, Stage III	52 x 70	Glass	Ballistic
MX, ADP, 2nd Stage, Full Scale	66 x 93	Kevlar*	Ballistic
MX, 2nd Stage, Half Scale	33 x 46	Kevlar*	Ballistic
NLOS	7 x 20	Graphite	Tactical
ORBIS-21D	92 x 72	Kevlar*	Orbital Insertion
ORBUS-6	63 x 48	Kevlar*	Orbital Insertion
ORBUS-21	92 x 72	Kevlar*	Orbital Insertion
PAC-3 CRI	10 x 98	Graphite	Interceptor
PAC-3 MSE	11 x 98	Graphite	Interceptor
Peacekeeper, Stage II	93 x 158	Kevlar*	Ballistic

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Polaris A-3, 2nd Stage	54 x 76	Glass	Ballistic
Scout/Delta, 4th Stage	19.6 x 40	Glass	Orbital Insertion
Sea Lance	16.5 x 88	Graphite	Ballistic
Second Source	3 x 19	Graphite/Glass	Tactical
Sentry	35 x 114	Kevlar®/Graphite	Interceptor
SICBM- Stage I	46 x 183	Graphite	Ballistic
SICBM- Stage III	46 x 41	Graphite	Ballistic
SM-3 11A TDACS	15 x 11.6	Graphite	Interceptor
SMAW-CS	3 x 18	Graphite	Tactical
SPBD	20-28 x 70 (tapered)	Graphite	Interceptor
SPIKE	2 x 32	Kevlar®/Graphite	Tactical
SPRINT, 1st Stage	47 x 88	Glass	Interceptor
SPRINT, 2nd Stage	29 x 58	Glass	Interceptor
SVM, 5, 6, 7 - Apogee Kick Motor	30 x 25	Glass	Orbital Insertion
SVM 4A, INTELSAT IV	37 x 32	Glass	Orbital Insertion
THAADS Demo	13 Tapered	Graphite	Tactical
Trident C-4, 1st Stage	74 x 179	Kevlar®	Ballistic
Trident C-4, 2nd Stage	74 x 84	Kevlar®	Ballistic
Trident C-4, 3rd Stage	30 x 100	Kevlar®	Ballistic
Trident II, D-5 Stage III	31 x 103	Graphite	Ballistic
Viper	2.75 x 10	Glass	Tactical
VT-1	6.5 x 48	Graphite	Tactical



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11399 16th Court N. - Suite 200 - St. Petersburg, FL 33716 - (727) 578-8100 - www.gd-ots.com - Approved for public release 07/2009  
Lincoln Operations - 4300 Industrial Avenue - Lincoln, NE 68504 - (402) 464-8211 - rockets@gd-ots.com