

Korolev R-7
 Article 8K71SN
 SS-6 Sapwood
 1/150 scale
 Dimensions in meters
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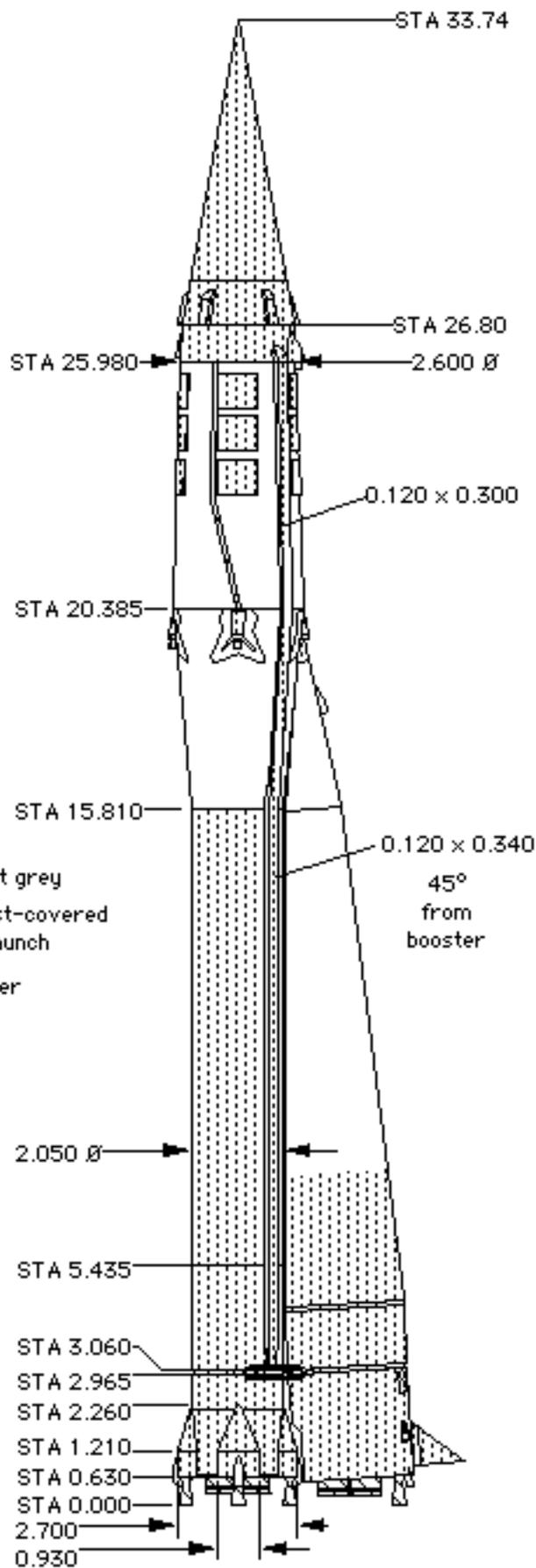
Sources:

The Boost Rocket SV "Soyuz TM-12," scale drawing by V. Minakov.

"Soviet Rocketry that Conquered Space: Part 1—From First ICBM to Sputnik Launcher," Timothy Varfolomeyev, *Spaceflight*, August 1995, p. 263.

Tvorcheskoe Nasledie Akademika Sergei Pavlovich Koroleva Izbrannie Trudi i Dokumenty, M. V. Keldisha, Izdatelstvo "Nauka," Moscow, 1980.

From First Satellite to Energia-Duran and Mir, S. P. Korolev Space Corporation Energia, Kaliningrad Moscow Region, 1994, pp. 35-40.



BSTA 19.800

BSTA 15.810

Booster station (BSTA) numbers indicate distance along the booster axis, which is tilted about 3° 32' to the core axis.

BSTA 4.640

BSTA 4.540

BSTA 3.170

BSTA 3.070

BSTA 1.885

BSTA 0.850

BSTA 0.630

BSTA 0.0

1.170

Boosters removed for clarity

1.290 Ø



Light grey



Frost-covered at launch



Silver

0.075 x 0.100
 Conduit 155° from fin.

0.075 x 0.250

BSTA 1.980

BSTA 1.680

2.500

STA 20.385

STA 15.810

2.050 Ø

STA 5.435

STA 3.060

STA 2.965

STA 2.260

STA 1.210

STA 0.630

STA 0.000

2.700

0.930

STA 33.74

STA 26.80

STA 25.980

2.600 Ø

0.120 x 0.300

0.120 x 0.340
 45° from booster