

## Kazakhstan Missiles

*Last update: August 2012*

	Alternate Designation	Type/System	Length (m)	Diameter (m)	Warhead wt (kg)	Range (km)	Accuracy-CEP (m)	Propellant/stages	Status
<b>OTR-21 'Tochka-U' (GRAU: 9K79-1) (Russia)</b>	SS-21-B 'Scarab-B' (NATO)	BSRBM/Road mobile	6.4	0.65	Single, 1000; HE, NCB	120	95	Solid; 1	Operational
<b>R-17/R-300 'Elbrus' (Russia)</b>	SS-1-C 'Scud-B' (NATO)	SRBM/Road mobile	11.25	0.88	Single, 985; HE, NCB	300	450	Liquid; 1	Operational
<b>X-55/RKV-500A (Russia)</b>	AS-15A 'Kent' (NATO)	ALCM	7.1	0.51	Single, 250kt N, HE	2500	N/A; INS, TERCOM guidance	Turbofan	Deactivated
<b>R-36M2 (GRAU 15A18M) (Russia)</b>	SS-18 Mod 5/6 'Satan' (NATO)	ICBM/Silo	34.3	3	Single or 10; N	11,000-16,000	100-500	Liquid; 2	Deactivated
<b>R-36MUTTH (GRAU: 15A18) (Russia)</b>	SS-18 Mod 4 'Satan' (NATO)	ICBM/Silo	36.3	3	MIRV, 10; N	11,500	920	Liquid; 2	Deactivated

### Sources:

[1] Missile Threat, "SS-21-B," The Claremont Institute, [www.missilethreat.com](http://www.missilethreat.com); "Otr-21 Tochka (Ss-21 'Scarab'/9m79)," Jane's Strategic Weapon Systems, April 2012, [www.janes.com](http://www.janes.com); Andrew Feickert, "Missile Survey Ballistic and Cruise Missiles of Foreign Countries," Congressional Research Service, Report RL30427, 26 July 2005, [www.fas.org](http://www.fas.org).

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[2] "R-17 ('Scud B/C/D' Variants)," Jane's Strategic Weapon Systems, 30 April 2012, [www.janes.com](http://www.janes.com); Missile Threat, "SS-1C 'Scud B'," The Claremont Institute, [www.missilethreat.com](http://www.missilethreat.com).

[3] Missile Threat, "AS-15A," The Claremont Institute, [www.missilethreat.com](http://www.missilethreat.com); Carlo Kopp, "Soviet/Russian Cruise Missiles," Air Power Australia, Technical Report APA0-TR-2009-0805, 2008, [www.ausairpower.net](http://www.ausairpower.net).

[4] "Raketye voiska strategicheskovo naznacheniya [Strategic Rocket Forces]," Russian Strategic Nuclear Forces, [russianforces.org](http://russianforces.org). ; "P-36M2 Воевода - SS-18 mod.5-6 SATAN," Military Russia, [militaryrussia.ru](http://militaryrussia.ru); "R-36M-2 Voevoda," Russian Space Web, [www.russianspaceweb.com](http://www.russianspaceweb.com), Missile Threat, "SS-18 Mod 5," The Claremont Institute, [www.missilethreat.com](http://www.missilethreat.com).

[5] "Raketye voiska strategicheskovo naznacheniya [Strategic Rocket Forces]," Russian Strategic Nuclear Forces, [russianforces.org](http://russianforces.org); Missile Threat, "SS-18 Mod 4," The Claremont Institute, [www.missilethreat.com](http://www.missilethreat.com).

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