

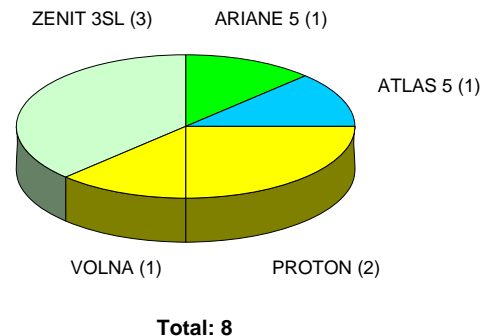
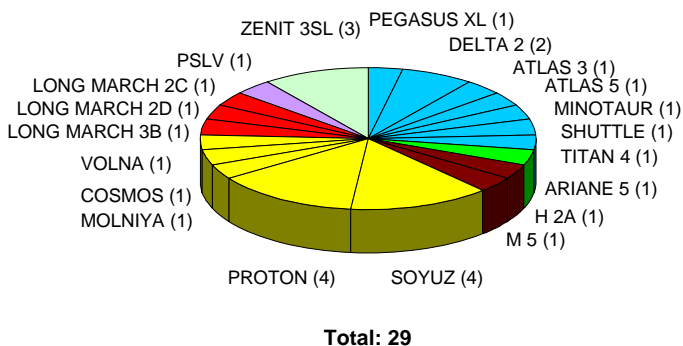
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
July 20 – August 31			20	21	22	23
			24	25	26 KSC STS 114 (ISS) Shuttle Discovery	27
31	1	2 Jiuquan FSW 21 (Development) Long March 2C	3	4	5	6
7	8	9	10 CCAFS Mars Reconnaissance Orbiter (Science) Atlas 5 401	11 Kourou Thaicom 4 (IPstar) (Comm.) Ariane 5G	12 CCAFS GOES N (Meteor.) Delta 4 M	13 Baikonur Galaxy 14 (Comm.) Soyuz
14	15	16	17	18 Baikonur Monitor E1 (Remote Sensing) Rockot	19	20
21	22	23 Baikonur OICETS and INDEX (Sci.) Dnepr 1	24	25	26	27
28	29	30	31			

Legend: ■ USA ■ Russia ■ Japan ■ Europe
■ Multinational ■ China

Success Failure Partial Failure
 Commercial

2005 Orbital Launches by Launch Vehicle Family

2005 Orbital Commercial Launches by Launch Vehicle Family



The definition of a "commercial" launch is any launch opportunity considered available in principle to competitors in the international launch services market or any launch licensed by the FAA Office of Commercial Space Transportation.

This document currently does not include suborbital launches.

For more information contact:

Eileen McGowan, Senior Analyst
 Space & Telecommunications Division
 Futron Corporation • 7315 Wisconsin Avenue, Suite 900W • Bethesda, MD 20814
 301-347-3431 • emcgowan@futron.com