

United States

Space Probes & Rockets

Explorer I
Pegasus Satellite
Biosatellite
Orbiting Frog Otolith
Pioneer 4 Lunar Flyby
Ranger 3 Lunar Impactor
Pioneer 2 Lunar Orbiter
Lunar Orbiter Program
Surveyor Lunar Lander
Pioneer 6 Sun Orbiter
Mariner 5 Venus Flyby
Pioneer 12 Venus Orbiter
Pioneer 13 Venus Multiprobe
Mariner 6 Mars Flyby
Mariner 9 Mars Orbiter
Viking 1 Mars Orbiter & Lander
Mariner 10 Mercury Flyby
Pioneer 10 Jupiter Flyby
Pioneer 11 Saturn Flyby

Jupiter-C Booster
Saturn I Booster
Atlas Booster
Atlas Booster
Juno II Booster
Atlas-Agena Booster
Thor-Able Booster
Atlas-Centaur Booster
Atlas-Centaur Booster
Atlas-Agena Booster
Atlas-Agena Booster
Atlas-Centaur Booster
Atlas-Centaur Booster
Atlas-Centaur Booster
Atlas-Centaur Booster
Titan IIIE-Centaur Booster
Atlas-Centaur Booster
Atlas-Agena Booster
Atlas-Agena Booster

Crewed Spacecraft & Human-Rated Rockets

Project Mercury (Suborbital)
Project Mercury (Earth Orbit)
Project Gemini (Suborbital)
Project Gemini (Earth Orbit)*
Agena Target Vehicle (Earth Orbit)
Gemini w/ Transtage (Reentry Test)
Transtage (Lunar Flyby)
Transtage (Low Earth Orbit)*
Transtage (High Earth Orbit)
** Gemini + Transtage can perform circumlunar flyby*
Gemini w/ Lunar Propulsion Model (Reentry Test)
Gemini w/ Lunar Propulsion Model (Earth Orbit)
Gemini w/ Lunar Propulsion Model (Circumlunar)
Gemini w/ Lunar Propulsion Model (Lunar Orbit)
Gemini Direct Ascent Configuration (Reentry Test)
Gemini Direct Ascent Configuration (Earth Orbit)
Gemini Direct Ascent Configuration (Circumlunar)
Gemini Direct Ascent Configuration (Lunar Orbit)
Gemini Direct Ascent Configuration (Lunar Landing)
Gemini EOR Configuration (Earth Orbit)*
S-IVB Space Tug (Earth Orbit)*
** Gemini EOR + S-IVB Space Tug can perform lunar flyby, orbit & landing*
Project Apollo CSM (Uncrewed Suborbital)
Project Apollo CSM (Crewed Suborbital)
Project Apollo CSM (Earth Orbit)
Project Apollo CSM (Circumlunar)
Project Apollo CSM (Lunar Orbit)
Project Apollo LM (Uncrewed Earth Orbit)
Project Apollo CSM/LM (Earth Orbit)
Project Apollo CSM/LM (Lunar Orbit)
Project Apollo CSM/LM (Lunar Landing)

Redstone Booster
Atlas Booster
Atlas Booster
Titan-II Booster
Atlas Booster
Titan-IIIC Booster
Titan-IIIC Booster
Titan-IIIC Booster
Saturn IB Booster

Titan-IIIC Booster
Saturn IB Booster
Saturn C3-B Booster
Saturn C3-B Booster
Saturn V Booster
Saturn V Booster
Saturn V Booster
Saturn V Booster
Saturn V Booster
Saturn V Booster
Saturn V Booster
Saturn IB Booster
Titan-IIIC Booster

Saturn I Booster
Saturn IB Booster
Saturn IB Booster
Saturn V Booster
Saturn V Booster
Saturn IB Booster
Saturn C3-B Booster
Saturn V Booster
Saturn V Booster

Soviet Union

Space Probes & Rockets

Sputnik 1
Sputnik 2
Korabl-Sputnik 2
Luna 3 Lunar Flyby
Zond 5 Bioscience Circumlunar Flight
Luna 2 Lunar Impactor
Luna 17 & Lunokhod 1 Robotic Lunar Rover
Luna 15 Lunar Sample Return
Venera 15 Venus Orbiter
Venera 7 Venus Lander
Venera 11 Venus Flyby & Lander
Venera 10 Venus Orbiter & Lander
Mars M-69 Orbiter
Mars 2 Orbiter, Lander & Rover

R-7 8K71 'Sputnik' Booster
R-7 8K71 'Sputnik' Booster
R-7 8K72K 'Vostok' Booster
R-7 8K72 'Luna' Booster
Proton-K Booster
R-7 8K72 'Luna' Booster
R-7 8K78 'Molnya' Booster
Proton-K Booster
Proton-K / Proton-KD Booster
R-7 8K78 'Molnya' Booster
Proton-K Booster
Proton-K Booster
Proton-K Booster
Proton-K Booster

Crewed Spacecraft & Human-Rated Rockets

PKA Space Plane (Suborbital, Earth Orbit)
Vostok (Uncrewed Suborbital)
Vostok (Crewed Suborbital)
Vostok (Earth Orbit)
Voskhod (Uncrewed Suborbital)
Voskhod (Crewed Suborbital)
Voskhod (Earth Orbit)
Soyuz 7K-OK (Uncrewed Suborbital)
Soyuz 7K-OK (Crewed Suborbital)
Soyuz 7K-OK (Earth Orbit)
Soyuz 7K-L1 (Uncrewed Suborbital)
Soyuz 7K-L1 (Crewed Suborbital)
Soyuz 7K-L1 (Earth Orbit)
Soyuz 7K-L1 (Circumlunar)
Soyuz 7K-L3 LOK (Uncrewed Suborbital)
Soyuz 7K-L3 LOK (Crewed Suborbital)
Soyuz 7K-L3 LOK (Earth Orbit)
Soyuz 7K-L3 LOK (Circumlunar)
Soyuz 7K-L3 LOK (Lunar Orbit)
LK Lander (Uncrewed Earth Orbit)
Soyuz 7K-L3 LOK / LK Lander (Earth Orbit)
Soyuz 7K-L3 LOK / LK Lander (Lunar Orbit)
Soyuz 7K-L3 LOK / LK Lander (Lunar Landing)
LK-700 (Suborbital)
LK-700 (Earth Orbit)
LK-700 (Circumlunar)
LK-700 (Lunar Orbit)
LK-700 (Lunar Landing)

R-7 8K72K 'Vostok' Booster
R-7 8K71 'Sputnik' Booster
R-7 8K72K 'Vostok' Booster
R-7 8K72K 'Vostok' Booster
R-7 8K72 'Luna' Booster
R-7 8K72K 'Vostok' Booster
R-7 11A57 'Voskhod' Booster
R-7 8K72 'Luna' Booster
R-7 8K72K 'Vostok' Booster
R-7 11A511 'Soyuz' Booster
R-7 8K71 'Sputnik' Booster
R-7 8K72K 'Vostok' Booster
R-7 11A57 'Voskhod' Booster
Proton-KD Booster
R-7 8K72 'Luna' Booster
R-7 8K72K 'Vostok' Booster
Proton-KD Booster
N1 Booster
N1 Booster
R-7 11A57 'Voskhod' Booster
Proton-KD Booster
N1 Booster
N1 Booster
N1 Booster
N1 Booster
UR-700 Booster
UR-700 Booster
UR-700 Booster
UR-700 Booster