

Soviet Spaceships: the Korolev line

- 1K: Vostok-1 prototype
- 2K: Zenit-2 spy satellite
- 3KA: Vostok-3 spaceship (Yuri's)
- 3KV: Voskhod (3-person, 1964)
- 3KD: Voskhod (spacewalk, 1965)
- 7K: Soyuz spaceship (1966-2001+)
- 7K-L1: Lunar spaceship (1967-1971)
- 11F94 LK: Lunar lander (1969-1971)

Soviet Spaceships: the Chelomei line

- 11F71 Almaz military space station (1973-1980s)
- 11F72 TKS military spaceship (1977-1980s)

Soviet Spaceships: the combined line

- 17K: DOS space station (1971-1998)
- 77KS: Mir modules (1990)

Spaceflight Milestones

Date	Spaceship/Rocket	Crew	What
1949	V-2 No. 47	Albert II	First terrestrial in space
1951	R-1V No. 1	Tsygan and Dezik	First terrestrials to survive
1957	PS-2	Laika the dog	First terrestrial in orbit
1959	Jupiter AM-18	Baker	First primate to survive
1960	Vostok-1 No. 2	Belka and Strelka	First terrestrials to orbit and return alive
1961	Vostok-3A No. 3	Yuri	First human in space
1961	Mercury MA-5	Enos	First chimp in space
1964	Voskhod 3KV No. 3	Konstantin	First geek in space
1966	Gemini 12	Buzz	First MIT PhD in space
1968	L-1 No. 9	2 turtles	First terrestrials around the moon
1969	Apollo 11	Buzz	First MIT PhD on another world
1982	STS-5	Bill Lenoir	First MIT undergrad to fly
1983	STS-7	Sally	First female geek in space (Stanford)
1985	STS 51-D	Jeff Hoffmann	First Hahvahd PhD in space

Duration Records

Date	Crew	Spaceship	Time up
1961	Yuri Gagarin	Vostok-3A No. 3	108 min
1961	German Titov	Vostok-3A No. 4	1 day
1962	Andrian Nikolaev	Vostok-3A No. 5	4 days
1963	Valeriy Bykovskiy	Vostok-3A No. 8	5 days
1965	Cooper/Conrad	Gemini 5	8 days
1965	Borman/Lovell	Gemini 7	14 days
1970	Nikolaev/Sevastyanov	Soyuz 7K-OK No. 17	17 days
1971	Dobrovol'skiy) Volkov) Patsaev)	DOS 1	23 days
1973	Conrad/Kerwin/Weitz	Skylab	28 days)
1973	Bean/Garriott/Lousma	Skylab	59 days)
1973-74	Carr/Gibson/Pogue	Skylab	84 days
(1974	Popovich/Artyukhin	Almaz 2	15 days)
(1975	Gubarev/Grechko	DOS 4	29 days)
(1975	Klimuk/Sevastyanov	DOS 4	63 days)
(1976	Volynov/Zholobov	Almaz 3	49 days)
1977-78	Romanenko/Grechko	DOS 5	96 days
1978	Kovalyonok/Ivanchenkov	DOS 5	139 days
1979	Lyakhov/Ryumin	DOS 5	175 days
1980	Popov/Ryumin	DOS 5	184 days
1982	Berezovoy/Lebedev	DOS 6	211 days
1984	Kizim/Solovyov/Atkov	DOS 6	236 days
1987	Yuri Romanenko	Mir	326 days
1987-88	Vladimir Titov) Musa Manarov)	Mir	365 days
1994-95	Valeriy Polyakov	Mir	437 days

Space Stations

Station	Codename	Dates	Fate
DOS 1	Salyut	Apr 1971-Oct 1971	Crew died; deorbited over Pacific
DOS 2		Jul 1972	Fell in Pacific during launch
Almaz 1	Salyut-2	Apr-May 1973	Fell apart in orbit, reentered
DOS 3	Kosmos-557	May 1973	Fuel lost, reentered after 11 days
Skylab		May 1973-Jul 1979	Reentered over Australia
Almaz 2	Salyut-3	Jun 1974-Jan 1975	Success, deorbited over Pacific
DOS 4	Salyut-4	Dec 1974-Feb 1977	Success, deorbited over Pacific
Almaz 3	Salyut-5	Jun 1976-Aug 1977	Success, deorbited over Pacific
DOS 5	Salyut-6	Sep 1977-Jul 1981	Success, deorbited over Pacific
DOS 6	Salyut-7	Apr 1982-Feb 1991	Reentered over Argentina
DOS 7	Mir	Feb 1986-Mar 2001	Success, downed near Fiji
DOS 8	Zvezda	Jul 2000 onward	Core of ISS

The Soviet Human Spaceflight Epic

Apr 1961 Yuri
Oct 1964 Three on Voskhod
Mar 1965 Alexey spacewalks
Apr 1967 Vladimir dies on Soyuz test flight
Sep 1968 Testudo horsefieldi Gray on L-1 No. 9
Feb 1969 First N-1 blows up
Jul 1969 Second N-1 blows up; moon race lost
1969 Space station program stolen from Chelomey
Apr 1971 First DOS station launched
Apr 1971 Soyuz-10 crew can't open the door
Jun 1971 Death of Soyuz-11 crew
Jun 1974 First successful Almaz spy station
Apr 1975 Vasiliy and Oleg nearly land in China
Jul 1975 Alexey and Valeriy dock with the Yankees
Sep 1976 Vyacheslav and Valeriy land in a lake
Jun 1978 Sergey plays the guitar on DOS 5
Sep 1983 Vladimir and Gennadiy have a close shave
Jun 1985 Vladimir rescues DOS 6
Feb 1986 DOS 7 (Mir) is launched
Apr 1987 Kvant docks to Mir
Sep 1989 Beginning of permanent occupation
Dec 1989 Kvant-2 docks to Mir
Jun 1990 Kristall docks to Mir
Jan 1994 Vasiliy's first parking accident
May 1995 Spektr docks to Mir
Jun 1995 Atlantis docks to Mir
Apr 1996 Priroda docks to Mir
Feb 1997 The Great Fire
Jun 1997 Vasiliy's second parking accident
Aug 1999 End of permanent occupation
Jun 2000 Sergey and Aleksandr close the hatches
Mar 2001 The end

The Soviet Human Spaceflight Epic

Apr 1961 Yuri Gagarin flies on Vostok 3KA No 3
Oct 1964 Three on Voskhod
Mar 1965 Alexey Leonov spacewalks
Apr 1967 Vladimir Komarov dies on 7K-OK (Soyuz-1) test flight
Sep 1968 7K-L1 No 9 flies around the Moon with turtles aboard
Feb 1969 First N-1 blows up
Jul 1969 Second N-1 blows up; moon race lost
Apr 1971 First DOS station launched (Salyut)
Apr 1971 Soyuz-10 crew docking problem
Jun 1971 Death of Soyuz-11 crew
Jun 1974 First successful Almaz spy station (Salyut-3)
Apr 1975 Soyuz launch abort, nearly lands in China
Jul 1975 Apollo-Soyuz
Sep 1976 Soyuz-23 fails to dock to Almaz-3, lands in a lake
1978 DOS 5 (Salyut 6) breaks US duration record
Sep 1983 Soyuz T launch failure, escape tower saves crew
Jun 1985 Dramatic rescue of DOS 6 (Salyut-7) by Dzhanibekov/Grechko
Feb 1986 DOS 7 (Mir) is launched
Apr 1987 Kvant docks to Mir
Sep 1989 Beginning of permanent occupation
Dec 1989 Kvant-2 docks to Mir
Jun 1990 Kristall docks to Mir
May 1995 Spektr docks to Mir
Jun 1995 Atlantis docks to Mir
Apr 1996 Priroda docks to Mir
Feb 1997 The Great Fire
Jun 1997 The Spektr collision
Aug 1999 End of permanent occupation
Jun 2000 Sergey and Aleksandr close the hatches
Mar 2001 The end: Mir over Fiji