

Manned and man-related spaceships

Board number	Name	Design designation	International designation	Space launcher ¹ and its board number	Launch pad ²	Date and time ³				Flight duration	Note		
						launch	docking ⁴	undocking ⁴	landing or decay ^{5,6}				
11F61 (Vostok-1) test spaceship for manned flights preparing													
	?	1KP	-								technological?		
	?	1KP	-								technological?		
	Korabl-sputnik-1	1KP	1960 (2	Vostok	L1-11	B	1	15.05.60 00:00:??		15.10.65 21:21:??	1979d 21h 21m ??s	Orientation system failure, Landing Module (SA) could not return to Earth and raised its orbit.	
	-	SA	1960 (3	-				15.05.60 00:00:??	19.05.60 00:0?:??	05.09.62 09:50:??	843d 09h 36m ??s	1st stage failure. SA rescued by Escape System (SAS)	
	-	1K	-	Vostok	L1-10	B	1	28.07.60 07:12:??		28.07.60 07:17:??	5m ??s	During landing Automatic Blast System (ASU) destroyed SA.	
	Korabl-sputnik-2	1K	1960 (1	Vostok	L1-12	B	1	19.08.60 08:38:24		20.08.60 11:02:00	1d 02h 23m 36s	3rd stage failure. SA rescued by SAS	
	Korabl-sputnik-3	1K	1960 (1	Vostok	L1-13	B	1	01.12.60 07:26:24		02.12.60 09:12:00	1d 01h 45m 36s		
	-	1K	-	Vostok-K		B	1	22.12.60 07:12:??		22.12.60 07:3?:??	2?m ??s		
11F63 (Vostok-3) one- / multi- place manned spaceship for first flights													
	Korabl-sputnik-4	3KA	1961 (1	Vostok-K	E103-14	B	1	09.03.61 06:28:48		09.03.61 08:09:54	1h 41m 06s		
	Korabl-sputnik-5	3KA	1961 (1	Vostok-K	E103-15	B	1	25.03.61 06:00:00		25.03.61 07:40:48	1h 40m 48s		
	Vostok	3KA	1961 (1	Vostok-K	E103-16	B	1	12.04.61 06:07:00		12.04.61 07:47:00	1h 40m 00s		
	Vostok-2	3KA	1961 (1	Vostok-K	E103-17	B	1	06.08.61 06:00:??		07.08.61 07:11:??	1d 00h 11m 00s		
	Vostok-3	3KA	1962 ((1	Vostok-K		B	1	11.08.62 08:30:??		15.08.62 06:39:??	3d 22h 09m 59s		
	Vostok-4	3KA	1962 ((1	Vostok-K		B	1	12.08.62 08:02:33		15.08.62 06:46:33	2d 22h 44m 00s		
	Vostok-5	3KA	1963-020A	Vostok-K		B	1	14.06.63 11:58:58		19.06.63 10:55:39	4d 22h 56m 41s		
	Vostok-6	3KA	1963-023A	Vostok-K		B	1	16.06.63 09:29:52		19.06.63 08:10:40	2d 22h 40m 48s		
	-	3KA	-								Prepared for Vostok-7		
	?	3KV	-								technological?		
	Kosmos-47	3KV	1964-062A	Voskhod		B	1	06.10.64 07:12:00		07.10.64 07:30:00	1d 00h 18m 00s		
	Voskhod	3KV	1964-065A	Voskhod		B	1	12.10.64 07:30:01		13.10.64 07:47:04	1d 00h 17m 03s		
	Kosmos-57	3KD	1965-012A	Voskhod		B	1	22.02.65 07:40:48		22.02.65 10:42:??	3h 02m ??s	Explosion in space	
	Voskhod-2	3KD	1965-022A	Voskhod		B	1	18.03.65 07:00:00		19.03.65 09:02:17	1d 02h 02m 17s		
	-	3KV	-	Voskhod		B	1	02.07.65 09:49:??		02.07.65 09:53:??	4m ??s	1st stage failure???	
	Kosmos-110	3KV	1966-015A	Voskhod		B	1	22.02.66 20:09:36		16.03.66 14:09:36	21d 18h 00m 00s		
	-	3KV	-								Prepared for Voskhod-3		
11F615 (Soyuz) base manned spaceship for test flights													
	-	SA mock	-	R-5V		B		26.09.64		26.09.64		Space Launcher failure	
1	-	7K-OK(P)	-	Sovuz	2?	B	31	14.12.66		14.12.66	5m ??s	Launch Pad explosion. SA rescued by SAS	
2	Kosmos-133	7K-OK(A)	1966-107A	Soyuz	1	B	1	28.11.66 13:00:??		30.11.66 10:21:??	1d 21h 21m ??s	During landing Automatic Blast System (ASU) destroyed SA.	
3	Kosmos-140	7K-OK(P)	1967-009A	Soyuz		B	31	07.02.67 03:20:??		09.02.67 02:52:??	1d 23h 32m ??s		
4	Soyuz-1	7K-OK(A)	1967-037A	Soyuz		B		23.04.67 00:35:??		24.04.67 03:23:??	1d 02h 47m 52s	Parachut system failure. Pilot perished.	
5	Kosmos-188	7K-OK(P)	1967-107A	Soyuz		B		30.10.67 08:12:??	30.10.67 09:20:??	30.10.67 12:50:??	02.11.67 09:10:??	3d 00h 58m ??s	Docked with Kosmos 186.
6	Kosmos-186	7K-OK(A)	1967-105A	Soyuz		B		27.10.67 09:31:??	30.10.67 09:20:??	30.10.67 12:50:??	31.10.67 08:20:??	3d 22h 49m ??s	Docked with Kosmos 188.
7	Kosmos-213	7K-OK(P)	1968-030A	Soyuz		B		15.04.68 09:34:??	15.04.68 10:21:??	15.04.68 14:11:??	20.04.68 10:11:??	5d 00h 37m ??s	Docked with Kosmos 212.
8	Kosmos-212	7K-OK(A)	1968-029A	Soyuz		B		14.04.68 10:00:??	15.04.68 10:21:??	15.04.68 14:11:??	19.04.68 08:10:??	4d 22h 50m ??s	Docked with Kosmos 213.
9	Kosmos-238	7K-OK(P)	1968-072A	Soyuz		B		28.08.68 09:59:??			01.09.68 09:03:??	3d 23h 04m ??s	
10	Soyuz-3	7K-OK(A)	1968-094A	Soyuz		B		26.10.68 08:34:??			30.10.68 07:25:??	3d 22h 50m 45s	
11	Soyuz-2	7K-OK(P)	1968-093A	Soyuz		B		25.10.68 09:00:??			28.10.68 07:51:??	2d 22h 51m ??s	
12	Soyuz-4	7K-OK(A)	1969-004A	Soyuz		B		14.01.69 07:32:??	16.01.69 08:20:??	16.01.69 12:55:??	17.01.69 06:53:??	2d 23h 20m 47s	Docked with Soyuz-5.
13	Soyuz-5	7K-OK(P)	1969-005A	Soyuz		B		15.01.69 07:14:??	16.01.69 08:20:??	16.01.69 12:55:??	18.01.69 08:08:??	3d 00h 54m 15s	Docked with Soyuz-4.
14	Soyuz-6	7K-OK	1969-085A	Soyuz		B		11.10.69 11:10:??			16.10.69 09:53:??	4d 22h 42m 47s	

15	Soyuz-7	7K-OK(P)	1969-086A	Soyuz	B	12.10.69 10:45:??	17.10.69 09:26:??	4d 22h 40m 23s				
16	Soyuz-8	7K-OK(A)	1969-087A	Soyuz	B	13.10.69 10:20:??	18.10.69 09:10:??	4d 22h 50m 49s				
17	Soyuz-9	7K-OK	1970-041A	Soyuz	B	01.06.70 19:00:??	19.06.70 11:59:??	17d 16h 59m ??s				
18	-	7K-OK(A)							Prepared for Soyuz (Kontakt)			
19	-	7K-OK(P)							Prepared for Soyuz (Kontakt)			
20	-	7K-OK							are not claimed			
21	-	7K-OK							are not claimed			
11F615 A8 (Soyuz)												
transport manned spaceship for DOS Zarya												
31	Soyuz-10	7K-T	1971-034A	Soyuz	25	B	22.04.71 23:54:??	24.04.71 01:47:??	24.04.71 07:17:??	24.04.71 23:40:??	1d 23h 45m 54s	Docked with Salyut-1. Docking unit failure.
32	Soyuz-11	7K-T	1971-053A	Soyuz		B	06.06.71 04:55:??	07.06.71 07:45:??	29.06.71 18:25:15	29.06.71 23:17:??	23d 18h 21m 43s	Depressurizing of SA during reentry. Crew perished.
33	Kosmos-496	7K-T	1972-045A	Soyuz		B	26.06.72 14:53:??			02.07.72 13:54:??	5d 23h 01m ??s	
34	Kosmos-613	7K-T	1973-096A	Soyuz		B	30.11.73 05:20:??			29.01.74 05:29:??	60d 00h 09m ??s	
35	Soyuz-13	7K-T/AF/	1973-103A	Soyuz		B	18.12.73 11:55:??			26.12.73 08:50:??	7d 20h 55m 35s	Reconstructed for (AF - Astrophysical) Orion program
36	Kosmos-573	7K-T	1973-041A	Soyuz		B	15.06.73 06:00:??			17.06.73 07:12:??	2d 01h 12m ??s	
37	Soyuz-12	7K-T	1973-067A	Soyuz		B	27.09.73 12:18:??			29.09.73 11:34:??	1d 23h 15m 32s	
38	Soyuz-17	7K-T	1975-001A	Soyuz		B	10.01.75 21:43:29	12.01.75 01:25:??	09.02.75 06:08:??	09.02.75 11:03:14	29d 13h 19m 45s	Docked with Salyut-4.
39	Soyuz-18-1	7K-T	-	Soyuz		B	05.04.75 11:03:??			05.04.75 11:24:??	21m 27s	3rd stage failure. SA rescued by SAS
40	Soyuz-18	7K-T	1975-044A	Soyuz		B	24.05.75 14:58:??	25.05.75 21:30:??	26.07.75 10:56:??	26.07.75 14:18:??	62d 23h 20m 08s	Docked with Salyut-4.
41	Soyuz-20	7K-T	1975-106A	Soyuz-U		B	17.11.75 14:38:??	19.11.75 16:19:??	15.02.76 23:07:??	16.02.76 02:24:??	90d 11h 46m ??s	Docked with Salyut-4.
42	Soyuz-25	7K-T	1977-099A	Soyuz-U		B	09.10.77 02:40:35			11.10.77 03:25:20	2d 00h 44m 45s	Docking failure (Salyut-6)
43	Soyuz-26	7K-T	1977-113A	Soyuz-U		B	10.12.77 01:18:40	11.12.7703.02.41	16.01.78 08:08:??	16.01.78 11:24:58	37d 10h 06m 18s	Docked with Salyut-6.
44	Soyuz-27	7K-T	1978-003A	Soyuz-U		B	10.01.78 12:26:00	11.01.7814:05:54	16.03.78 08:27:??	16.03.78 11:18:47	64d 22h 52m 47s	Docked with Salyut-6.
45	Soyuz-28	7K-T	1978-023A	Soyuz-U		B	02.03.78 15:28:10	03.03.7817:09:30	10.03.78 10:23:35	10.03.78 13:44:40	7d 22h 16m 30s	Docked with Salyut-6.
46	Soyuz-29	7K-T	1978-061A	Soyuz-U		B	15.06.78 20:16:45	16.06.7821:58:14	03.09.78 08:23:??	03.09.78 11:40:34	79d 15h 23m 49s	Docked with Salyut-6.
47	Soyuz-31	7K-T	1978-081A	Soyuz-U		B	26.08.78 14:51:30	27.08.7816:37:37	07.09.78 10:53:??			Docked with Salyut-6.
48	Soyuz-32	7K-T	1979-018A	Soyuz-U		B	25.02.79 11:54:59	07.09.78 11:40:??	02.11.78 07:45:??	02.11.78 11:04:17	67d 20h 12m 47s	Docked with Salyut-6.
49	Soyuz-33	7K-T	1979-029A	Soyuz-U		B	10.04.79 17:34:34	26.02.7913:19:55	13.06.79 09:51:??	13.06.79 16:19:36	108d 04h 24m 37s	Docked with Salyut-6.
50	Soyuz-34	7K-T	1979-049A	Soyuz-U		B	06.06.79 18:12:41			12.04.79 16:35:40	1d 23h 01m 06s	Main engine system failure (Salyut-6)
51	Soyuz-35	7K-T	1980-027A	Soyuz-U		B	09.04.80 13:38:22	08.06.7920:02:06	14.06.79 16:18:??			Docked with Salyut-6.
52	Soyuz-36	7K-T	1980-041A	Soyuz-U		B	26.05.80 18:20:39	14.08.79 16:52:??	19.08.79 09:07:??	19.08.79 12:29:26	73d 18h 16m 45s	Docked with Salyut-6.
53	Soyuz-37	7K-T	1980-064A	Soyuz-U		B	23.07.80 18:33:03	10.04.80 15:16:??	03.06.80 11:50:??	03.06.80 15:07:25	55d 01h 29m 03s	Docked with Salyut-6.
54	Soyuz-38	7K-T	1980-075A	Soyuz-U		B	18.09.80 19:11:04	27.05.80 19:56:??	04.06.80 16:38:??			Docked with Salyut-6.
55	Soyuz-39	7K-T	1981-029A	Soyuz-U		B	22.03.81 14:58:55	04.06.80 17:09:??	31.07.80 11:55:??	31.07.80 15:15:02	65d 20h 54m 23s	Docked with Salyut-6.
56	Soyuz-40	7K-T	1981-042A	Soyuz-U		B	14.05.81 18:16:38	24.07.80 20:02:??	01.08.80 16:43:??			Docked with Salyut-6.
11F615 A9 (Soyuz)												
transport manned spaceship for OPS Almaz												
61	Kosmos-656	7K-T	1974-036A	Soyuz		B	27.05.74 07:26:??			29.05.74 07:12:??	23h 46m ??s	
62	Soyuz-14	7K-T	1974-051A	Soyuz		B	03.07.74 18:51:??	04.07.74 20:35:??	19.07.74 09:03:??	19.07.74 12:21:??	15d 17h 30m 28s	Docked with Salyut-3.
63	Soyuz-15	7K-T	1974-067A	Soyuz		B	26.08.74 19:58:??			28.08.74 20:10:??	2d 00h 12m 11s	Docking system failure (Salyut-3)
64	Soyuz-21	7K-T	1976-064A	Soyuz		B	06.07.76 12:09:44	07.07.7613:40:13	24.08.76 15:12:??	24.08.76 18:33:16	49d 06h 23m 32s	Docked with Salyut-5.
65	Soyuz-23	7K-T	1976-100A	Soyuz		B	14.10.76 17:40:??			16.10.76 17:46:??	2d 00h 06m 35s	Docking system failure (Salyut-5)
66	Soyuz-24	7K-T	1977-008A	Soyuz-U		B	07.02.77 16:12:??	08.02.77 19:30:??	25.02.77 06:21:??	25.02.77 09:38:??	17d 17h 25m 58s	Docked with Salyut-5.
67	Soyuz-30	7K-T	1978-065A	Soyuz-U		B	27.06.78 15:27:21	28.06.7817:07:49	05.07.78 10:15:??	05.07.78 13:30:20	7d 22h 02m 59s	Reconstructed for DOS Zarya program
11F615 A12 (Soyuz)												
manned spaceship for ASTP												
71	Kosmos-638	7K-TM	1974-018A	Soyuz-U		B	03.04.74 07:31:??			13.04.74 05:05:??	9d 21h 34m ??s	
72	Kosmos-672	7K-TM	1974-064A	Soyuz-U		B	12.08.74 06:24:??			18.08.74 05:02:??	5d 22h 38m ??s	

73	Soyuz-16	7K-TM	1974-096A	Soyuz-U	B	02.12.74 09:40:??		08.12.74 08:04:??	5d 22h 23m 35s	APAS docking unit test.	
74	Soyuz-22	7K-TM/F/	1976-093A	Soyuz-U	B	15.09.76 09:48:30		23.09.76 07:40:47	7d 21h 52m 17s	Reconstructed for (F - Photo) Raduga program	
75	Soyuz-19	7K-TM	1975-065A	Soyuz-U	B	15.07.75 12:20:00	17.07.75 16:09:09	19.07.75 12:03:20		Docked with Apollo ASTP	
							19.07.75 12:33:39	19.07.75 15:26:06	21.07.75 10:50:51	5d 22h 30m 51s	
11F615 A15 (Progress) transport cargo spaceship for DOS Zarya											
101	Progress-2	7K-TG	1978-070A	Soyuz-U	B	07.07.78 11:26:16	09.07.78 12:58:59	02.08.78 04:57:44	04.08.78 01:31:07	27d 14h 04m 51s	Docked with Salyut-6.
102	Progress-1	7K-TG	1978-008A	Soyuz-U	B	20.01.78 08:24:40	22.01.78 10:12:14	06.02.78 05:53:??	08.02.78 02:00:??	18d 17h 35m 20s	Docked with Salyut-6.
103	Progress-3	7K-TG	1978-077A	Soyuz-U	B	07.08.78 22:31:22	10.08.78 00:00:??	21.08.78 19:29:??	23.08.78 17:30:??	15d 18h 58m 38s	Docked with Salyut-6.
104	Progress-5	7K-TG	1979-022A	Soyuz-U	B	12.03.79 05:47:28	10.03.79 07:19:21	03.04.79 16:10:??	05.04.79 01:04:??	23d 19h 16m 32s	Docked with Salyut-6.
105	Progress-4	7K-TG	1978-090A	Soyuz-U	B	03.10.78 23:09:30	06.10.78 01:00:??	24.10.78 13:07:??	26.10.78 16:28:13	22d 17h 18m 43s	Docked with Salyut-6.
106	Progress-6	7K-TG	1979-039A	Soyuz-U	B	13.05.79 04:17:09	15.05.79 06:19:??	08.06.79 07:59:41	09.06.79 18:51:??	27d 17h 33m 51s	Docked with Salyut-6.
107	Progress-7	7K-TG	1979-059A	Soyuz-U	B	28.06.79 09:25:11	30.06.79 11:18:22	18.07.79 03:49:55	20.07.79 01:57:30	21d 16h 32m 19s	Docked with Salyut-6.
108	Progress-8	7K-TG	1980-024A	Soyuz-U	B	27.03.80 18:53:??	29.03.80 20:01:??	25.04.80 08:04:??	28.04.80 06:54:??	31d 12h 01m ??s	Docked with Salyut-6.
109	Progress-9	7K-TG	1980-033A	Soyuz-U	B	27.04.80 06:24:??	29.04.80 08:09:19	20.05.80 18:51:??	22.05.80 00:44:??	24d 18h 20m 00s	Docked with Salyut-6.
110	Progress-10	7K-TG	1980-055A	Soyuz-U	B	29.06.80 04:40:42	01.07.80 05:53:??	17.07.80 22:21:??	19.07.80 01:47:??	19d 21h 06m 18s	Docked with Salyut-6.
111	Progress-11	7K-TG	1980-079A	Soyuz-U	B	28.09.80 15:09:55	30.09.80 17:03:??	09.12.80 10:23:??	11.12.80 14:00:??	73d 22h 50m 05s	Docked with Salyut-6.
112	Progress-15	7K-TG	1982-094A	Soyuz-U	B 1	18.09.82 04:59:??	20.09.82 06:12:??	14.10.82 13:46:??	16.10.82 17:08:??	28d 12h 09m 00s	Docked with Salyut-7.
113	Progress-12	7K-TG	1981-007A	Soyuz-U	B	24.01.81 14:18:02	26.01.81 15:56:??	19.03.81 18:14:??	21.03.81 16:59:??	56d 02h 40m 58s	Docked with Salyut-6.
114	Progress-13	7K-TG	1982-047A	Soyuz-U	B 1	23.05.82 05:57:??	25.05.82 07:56:36	04.06.82 06:31:??	06.06.82 00:05:??	13d 18h 08m 00s	Docked with Salyut-7.
115	Progress-16	7K-TG	1982-107A	Soyuz-U	B 1	31.10.82 11:20:??	02.11.82 13:22:??	13.12.82 15:32:??	14.12.82 17:17:??	44d 05h 57m 00s	Docked with Salyut-7.
116	Progress-20	7K-TG	1984-038A	Soyuz-U	B 31	15.04.84 08:12:53	17.04.84 09:22:??	06.05.84 17:46:??	07.05.84 09:56:??	22d 01h 43m 07s	Docked with Salyut-7.
117	Progress-14	7K-TG	1982-070A	Soyuz-U	B 1	10.07.82 09:58:01	12.07.82 11:41:??	10.08.82 22:11:??	13.08.82 01:29:??	33d 15h 30m 59s	Docked with Salyut-7.
118	Progress-18	7K-TG	1983-106A	Soyuz-U	B 31	20.10.83 09:59:05	22.10.83 11:34:??	13.11.83 03:08:??	16.11.83 04:18:??	26d 18h 18m 55s	Docked with Salyut-7.
119	Progress-17	7K-TG	1983-085A	Soyuz-U 302	B 1	17.08.83 12:08:23	19.08.83 13:47:??	17.09.83 11:44:??	17.09.83 23:43:??	31d 11h 34m 37s	Docked with Salyut-7.
120	Progress-19	7K-TG	1984-018A	Soyuz-U	B 31	21.02.84 06:46:05	23.02.84 08:21:??	31.03.84 09:40:??	01.04.84 18:18:??	40d 11h 31m 55s	Docked with Salyut-7.
121	Progress-21	7K-TG	1984-042A	Soyuz-U	B 31	07.05.84 22:47:15	10.05.84 00:10:??	26.05.84 09:41:??	26.05.84 14:17:??	18d 15h 29m 45s	Docked with Salyut-7.
122	-	7K-TG									Prepared for Salvut-7
123	Progress-23	7K-TG	1984-086A	Soyuz-U 711	B 1	14.08.84 06:28:50	16.08.84 08:11:??	26.08.84 16:13:??	28.08.84 01:28:??	13d 18h 59m 10s	Docked with Salyut-7.
124	Progress-22	7K-TG	1984-051A	Soyuz-U	B 31	28.05.84 14:12:52	30.05.84 15:47:??	15.07.84 13:36:??	15.07.84 18:07:??	48d 03h 54m 08s	Docked with Salyut-7.
125	Progress-24	7K-TG	1985-051A	Soyuz-U 417	B 1	21.06.85 00:40:??	23.06.85 02:54:??	15.07.85 12:28:??	15.07.85 ??:??:??	24d 23h 20m 00s	Docked with Salyut-7.
126	Kosmos-1669	7K-TG	1985-062A	Soyuz-U 446	B 1	19.07.85 13:05:??	21.07.85 15:05:??	28.08.85 21:50:??	30.08.85 ??:??:??	42d 10h 55m 00s	Docked with Salyut-7.
127	Progress-25	7K-TG	1986-023A	Soyuz-U	B 1	19.03.86 10:08:25	21.03.86 11:16:01	20.04.86 19:24:08	21.04.86 00:00:00	32d 03h 51m 35s	Docked with Mir.
128	Progress-26	7K-TG	1986-032A	Soyuz-U	B 1	23.04.86 19:40:05	26.04.86 21:26:06	22.06.86 18:25:00	23.06.86 18:41:01	60d 23h 00m 56s	Docked with Mir.
129	-	7K-TG			1						Prepared for Almaz-4
130	-	7K-TG			1						Prepared for Almaz-4
131	-	7K-TG			1						Prepared for Almaz-4
132	-	7K-TG			1						Prepared for Almaz-4
133	-	7K-TG			1						Prepared for Almaz-4
134	Progress-27	7K-TG	1987-005A	Soyuz-U	B 1	16.01.87 06:06:23	18.01.87 07:26:50	23.02.87 11:29:01	25.02.87 15:16:45	40d 09h 10m 22s	Docked with Mir.
135	Progress-28	7K-TG	1987-023A	Soyuz-U	B 1	03.03.87 11:14:05	05.03.87 12:42:36	26.03.87 05:06:48	28.03.87 03:01:01	24d 15h 46m 56s	Docked with Mir.
136	Progress-29	7K-TG	1987-034A	Soyuz-U	B 1	21.04.87 15:14:17	23.04.87 17:04:51	11.05.87 03:10:01	11.05.87 07:51:16	19d 16h 36m 59s	Docked with Mir.
137	Progress-30	7K-TG	1987-044A	Soyuz-U	B 1	19.05.87 04:02:10	21.05.87 05:52:38	19.07.87 00:19:51	19.07.87 05:00:00	61d 00h 57m 50s	Docked with Mir.

138	Progress-31	7K-TG	1987-066A	Soyuz-U	B	1	03.08.87 20:44:1 ₁	05.08.8722:27:3 ₆	21.09.87 23:58:00	23.09.87 00:22:00	50d 03h 37m 49s	Docked with Mir.
139	Progress-32	7K-TG	1987-082A	Soyuz-U	B	1	23.09.87 23:43:5 ₄	26.09.8701:08:1 ₅ 10.11.8705:47:2 ₅	10.11.87 04:09:10			Docked with Mir.
140	Progress-33	7K-TG	1987-094A	Soyuz-U	B	1	20.11.87 23:47:1 ₂	23.11.8701:39:1 ₃	19.12.87 08:13:00	19.12.87 12:56:00	28d 03h 08m 48s	Docked with Mir.
141	-	7K-TG										Prepared for Salvut-7
142	Progress-34	7K-TG	1988-003A	Soyuz-U	B	1	20.01.88 22:51:5 ₄	23.01.8800:09:0 ₉	04.03.88 03:45:09	04.03.88 06:45:00	43d 07h 53m 06s	Docked with Mir.
143	Progress-35	7K-TG	1988-024A	Soyuz-U	B	1	23.03.88 21:05:0 ₀	25.03.8822:02:0 ₀	05.05.88 02:36:03	05.05.88 07:01:30	42d 09h 56m 30s	Docked with Mir.
144	Progress-36	7K-TG	1988-038A	Soyuz-U	B	1	13.05.88 00:30:2 ₅	15.05.8802:13:2 ₇	05.06.88 11:11:55	05.06.88 20:28:00	23d 19h 57m 35s	Docked with Mir.
145	Progress-37	7K-TG	1988-061A	Soyuz-U	B	1	18.07.88 21:13:0 ₉	20.07.8822:33:4 ₀	12.08.88 08:31:54	12.08.88 12:51:30	24d 15h 38m 21s	Docked with Mir.
146	Progress-38	7K-TG	1988-083A	Soyuz-U	B	1	09.09.88 23:33:4 ₀	12.09.8801:21:2 ₉	23.11.88 12:12:46	23.11.88 18:26:00	74d 18h 52m 20s	Docked with Mir.
147	Progress-39	7K-TG	1988-114A	Soyuz-U	B	1	25.12.88 04:11:3 ₇	27.12.8805:35:1 ₂	07.02.89 06:45:34	07.02.89 12:49:00	44d 08h 37m 23s	Docked with Mir.
148	Progress-40	7K-TG	1989-008A	Soyuz-U	B	1	10.02.89 08:53:5 ₂	12.02.8910:29:3 ₄	03.03.89 01:45:52	05.03.89 01:08:00	22d 16h 14m 08s	Docked with Mir.
149	Progress-41	7K-TG	1989-023A	Soyuz-U	B	1	16.03.89 18:54:1 ₄	18.03.8920:50:4 ₅	21.04.89 01:46:10	25.04.89 12:02:00	39d 17h 07m 46s	Docked with Mir.
150	Progress-42	7K-TG	1990-041A	Soyuz-U	B	1	05.05.90 20:44:0 ₁	07.05.9022:45:0 ₄	27.05.90 07:08:58	27.05.90 11:40:00	21d 14h 55m 59s	Docked with Mir.
11F615 A55 (Progress M) modified transport cargo spaceship for DOS Zarya												
201	Progress M	7K-TGM	1989-066A	Soyuz-U	B	1	23.08.89 03:29:3 ₂	25.08.8905:19:0 ₁	01.12.89 09:02:23	01.12.89 10:32:00	100d 07h 02m 28s	Docked with Mir.
202	Progress M-2	7K-TGM	1989-099A	Soyuz-U	B	1	20.12.89 03:30:5 ₀	22.12.8905:41:2 ₁	09.02.90 02:33:07	09.02.90 07:07:00	51d 03h 36m 10s	Docked with Mir.
203	Progress M-3	7K-TGM	1990-020A	Soyuz-U	B	1	28.02.90 23:10:5 ₇	03.03.9001:05:1 ₁	27.04.90 20:24:23	27.04.90 00:00:00	57d 00h 39m 03s	Docked with Mir.
204	Progress M-4	7K-TGM	1990-072A	Soyuz-U	B	1	15.08.90 04:00:4 ₁	17.08.9005:26:1 ₅	17.09.90 12:42:43	20.09.90 11:04:27	36d 07h 03m 46s	Docked with Mir.
205	Progress M-6	7K-TGM	1991-002A	Soyuz-U	B	1	14.01.91 14:50:2 ₇	16.01.9116:35:2 ₃	15.03.91 12:46:41	15.03.91 17:14:00	60d 02h 23m 33s	Docked with Mir.
206	Progress M-5	7K-TGM	1990-085A	Soyuz-U	B	1	27.09.90 10:37:4 ₂	29.09.9012:26:5 ₁	28.11.90 06:15:16	28.11.90 10:24:28	61d 23h 46m 46s	Docked with Mir.
207	Progress M-8	7K-TGM	1991-038A	Soyuz-U	B	1	30.05.91 08:04:??	01.06.91 10:45:??	15.08.91 22:17:??	16.08.91 ??:?:??	78d ??h ??m ??s	Docked with Mir.
208	Progress M-7	7K-TGM	1991-020A	Soyuz-U	B	1	19.03.91 13:05:1 ₅	28.03.9112:02:5 ₈	06.05.91 22:59:36	07.05.91 16:24:00	49d 03h 18m 45s	Docked with Mir.
209	Progress M-14	7K-TGM	1992-055A	Soyuz-U	B	1	15.08.92 22:18:3 ₂	18.08.9200:20:4 ₈	21.10.92 15:46:01	21.10.92 21:30:01	66d 23h 11m 29s	Docked with Mir.
210	Progress M-9	7K-TGM	1991-057A	Soyuz-U	B	1	20.08.91 22:54:??	23.08.91 00:54:??	30.09.91 01:54:??	30.09.91 07:4?:??	40d 08h ??m ??s	Docked with Mir.
211	Progress M-10	7K-TGM	1991-073A	Soyuz-U	B	1	17.10.91 00:05:??	21.10.9103:40:5 ₀	20.01.92 07:14:??	20.01.92 11:3?:??	95d 11h ??m ??s	Docked with Mir.
212	Progress M-11	7K-TGM	1992-004A	Soyuz-U	B	1	25.01.92 07:50:??	27.01.92 09:31:??	13.03.92 09:43:40	13.03.92 ??:?:??	48d ??h ??m ??s	Docked with Mir.
213	Progress M-12	7K-TGM	1992-022A	Soyuz-U	B	1	19.04.92 22:29:??	22.04.92 00:22:??	27.06.92 22:35:??	28.06.92 ??:?:??	70d ??h ??m ??s	Docked with Mir.
214	Progress M-13	7K-TGM	1992-035A	Soyuz-U	B	1	30.06.92 16:43:??	04.07.92 16:55:??	24.07.92 03:14:??	24.07.92 ??:?:??	24d ??h ??m ??s	Docked with Mir.
215	Progress M-15	7K-TGM	1992-071A	Soyuz-U	B	1	27.10.92 17:20:??	29.10.92 19:06:??	02.02.93 00:44:53	07.02.93 ??:?:??	103d ??h ??m ??s	Docked with Mir.
216	Progress M-16	7K-TGM	1993-012A	Soyuz-U	B	1	21.02.93 18:32:0 ₀	23.02.9320:17:5 ₇	26.03.93 06:06:??			Docked with Mir.
217	Progress M-17	7K-TGM	1993-019A	Soyuz-U	B	1	31.03.93 03:34:??	02.04.9305:16:1 ₈	11.08.93 15:36:42	03.03.94 03:28:??	336d 23h 54m ??s	Docked with Mir. Decay
218	Progress M-18	7K-TGM	1993-034A	Soyuz-U	B	1	22.05.93 06:42:??	24.05.93 08:23:??	03.07.93 15:58:16	04.07.93 16:3?:??	43d 09h ??m ??s	Docked with Mir.
219	Progress M-19	7K-TGM	1993-052A	Soyuz-U	B	1	10.08.93 22:23:4 ₅	13.08.9300:00:0 ₆	12.10.93 17:59:08	12.10.93 23:5?:??	63d 01h ??m ??s	Docked with Mir.
220	Progress M-20	7K-TGM	1993-064A	Soyuz-U	B	1	11.10.93 21:33:1 ₉	13.10.9323:24:4 ₈	21.11.93 02:38:43	21.11.93 08:4?:??	40d 12h ??m ??s	Docked with Mir.
221	Progress M-21	7K-TGM	1994-005A	Soyuz-U	B	1	28.01.94 02:12:1 ₀	30.01.94 03:56:??	23.03.94 01:18:??	23.03.94 05:13:??	54d 03h 01m ??s	Docked with Mir.
222	Progress M-22	7K-TGM	1994-019A	Soyuz-U	B	1	22.03.94 04:54:??	24.03.9406:39:3 ₇	23.05.94 00:58:38	23.05.94 04:52:??	61d 23h 58m ??s	Docked with Mir.
223	Progress M-23	7K-TGM	1994-031A	Soyuz-U	B	1	22.05.94 04:30:0 ₄	24.05.9406:18:3 ₅	02.07.94 08:46:49	02.07.94 14:44:??	41d 10h 14m ??s	Docked with Mir.
224	Progress M-24	7K-TGM	1994-052A	Soyuz-U	B	1	25.08.94 14:25:1 ₂	02.09.9413:30:2 ₉	04.10.94 18:55:52	04.10.94 21:44:00	40d 07h 18m 48s	Docked with Mir.
225	Progress M-25	7K-TGM	1994-075A	Soyuz-U	B	1	11.11.94 07:21:5 ₈	13.11.9409:04:2 ₇	16.02.95 13:03:00	16.02.95 16:06:00	97d 08h 44m 02s	Docked with Mir.

226	Progress	M-26	7K-TGM	1995-005A	Soyuz-U	B	1	15.02.95 16:48:28	17.02.9518:21:34	15.03.95 02:26:38	15.03.95 05:38:00	27d 12h 49m 32s	Docked with Mir.
227	Progress	M-27	7K-TGM	1995-020A	Soyuz-U	B	1	09.04.95 19:34:12	11.04.9521:00:44	22.05.95 23:42:37	23.05.95 02:40:15	43d 07h 06m 03s	Docked with Mir.
228	Progress	M-28	7K-TGM	1995-036A	Soyuz-U	B	1	20.07.95 03:04:41	22.07.9504:39:37	04.09.95 05:09:53	04.09.95 08:58:55	46d 05h 54m 14s	Docked with Mir.
229	Progress	M-29	7K-TGM	1995-053A	Soyuz-U	B	1	08.10.95 18:50:40	10.10.9520:32:29	19.12.95 09:15:05	19.12.95 15:26:00	71d 20h 35m 20s	Docked with Mir.
230	Progress	M-30	7K-TGM	1995-070A	Soyuz-U	B	1	18.12.95 14:31:35	20.12.9516:10:15	22.02.96 07:24:00	22.02.96 14:02:36	65d 23h 31m 01s	Docked with Mir.
231	Progress	M-31	7K-TMG	1996-028A	Soyuz-U	B	1	05.05.96 07:04:18	07.05.9608:54:18	01.08.96 16:44:54	01.08.96 19:44:30	88d 12h 40m 12s	Docked with Mir.
232	Progress	M-32	7K-TMG	1996-043A	Soyuz-U	B	1	31.07.96 20:00:06	02.08.9622:03:40	18.08.96 09:33:45			Docked with Mir.
								03.09.96 09:35:??	20.11.96 19:48:19	20.11.96 22:42:25		112d 02h 42m 19s	
233	Progress	M-33	7K-TGM	1996-066A	Soyuz-U	B	1	19.11.96 23:20:38	22.11.9601:01:31				Docked with Mir.
(VBK Raduga)													
Returned Ballistic Capsule of Progress M spaceship													
(1)	(Progress	M-5)						27.09.90 10:37:42	28.11.90 10:49:47	28.11.90 11:04:??	62d 00h 26m ??s		
(2)	(Progress	M-7)						19.03.91 13:05:15	07.05.91 16:39:??	-	-	49d 03h 34m ??s	was not found
(3)	(Progress	M-9)						20.08.91 22:54:??	30.09.91 08:0?:??	30.09.91 08:18:??	40d 09h 24m ??s		
(4)	(Progress	M-10)						17.10.91 00:05:??	20.01.92 11:52:??	20.01.92 12:06:??	95d 12h 01m ??s		
(5)	(Progress	M-14)						15.08.92 22:18:32	21.10.92 21:55:48	21.10.92 22:12:??	66d 23h 54m ??s		
(6)	(Progress	M-18)						22.05.93 06:42:??	04.07.93 16:50:??	04.07.93 17:05:??	43d 10h 23m ??s		
(7)	(Progress	M-19)						10.08.93 22:23:45	13.10.93 00:0?:??	13.10.93 00:22:??	63d 01h 59m ??s		
(8)	(Progress	M-20)						11.10.93 21:33:19	21.11.93 08:5?:??	21.11.93 09:06:??	40d 11h 33m ??s		
(9)	(Progress	M-23)						22.05.94 04:30:09	02.07.94 14:55:45	02.07.94 15:09:00	41d 10h 38m 51s		
11F732 (Soyuz T, Soyuz TM)													
improved transport manned spaceship for DOS Zarva													
1L	Kosmos-670	7K-S	1974-061A	Soyuz	B			06.08.74 00:01:??		08.08.74 23:59:??	2d 23h 58m ??s		
2L	Kosmos-772	7K-S	1975-093A	Soyuz	B			29.09.75 04:19:??		02.10.75 04:10:??	2d 23h 51m ??s		
3L	Kosmos-869	7K-S	1976-114A	Soyuz-U	B			29.11.76 16:00:??		17.12.76 10:31:??	17d 18h 30m ??s		
4L	Kosmos-1001	7K-ST	1978-036A	Soyuz-U	B			04.04.78 15:07:??		15.04.78 12:02:??	10d 20h 55m ??s		
5L	Kosmos-1074	7K-ST	1979-008A	Soyuz-U	B			31.01.79 09:00:??		01.04.79 09:52:??	60d 00h 52m ??s		
6L	Soyuz T	7K-ST	1979-103A	Soyuz-U	B			16.12.79 12:29:50	19.12.79 14:05:??	23.03.80 21:04:??	26.03.80 22:01:30	100d 09h 31m 40s	Docked with Salyut-6.
7L	Soyuz T-2	7K-ST	1980-045A	Soyuz-U	B			05.06.80 14:19:30	06.06.80 15:58:??	09.06.80 11:25:??	09.06.80 12:39:00	3d 22h 19m 30s	Docked with Salyut-6.
8L	Soyuz T-3	7K-ST	1980-094A	Soyuz-U	B			27.11.80 14:18:28	28.11.80 15:54:??	10.12.80 06:10:??	10.12.80 09:26:10	12d 19h 07m 42s	Docked with Salyut-6.
9L	Soyuz T-6	7K-ST	1982-063A	Soyuz-U	B	1		24.06.82 16:29:47	25.06.82 17:46:??	02.07.82 11:03:48	02.07.82 14:20:39	7d 21h 50m 52s	Docked with Salyut-7.
10L	Soyuz T-4	7K-ST	1981-023A	Soyuz-U	B			12.03.81 19:00:11	13.03.8120:33:40	26.05.81 10:20:??	26.05.81 12:37:34	74d 17h 37m 23s	Docked with Salyut-6.
11L	Soyuz T-5	7K-ST	1982-042A	Soyuz-U	B	1		13.05.82 09:58:04	14.05.8211:35:59	27.08.82 11:45:??	27.08.82 15:04:16	106d 05h 06m 12s	Docked with Salyut-7.
12L	Soyuz T-7	7K-ST	1982-080A	Soyuz-U	B	1		19.08.82 17:11:52	20.08.82 18:32:??	29.08.82 14:47:??			Docked with Salyut-7.
								29.08.82 15:07:??	10.12.82 15:45:??	10.12.82 19:02:36		113d 01h 50m 44s	
13L	Soyuz T-8	7K-ST	1983-035A	Soyuz-U	372	B	1	20.04.83 13:10:54		22.04.83 13:28:42	2d 00h 17m 48s		The flight was broken because of docking and approach antenna was not deploy.
14L	Soyuz T-9	7K-ST	1983-062A	Soyuz-U	379	B	1	27.06.83 09:12:18	28.06.8310:46:07	16.08.83 14:25:??			Docked with Salyut-7.
								16.08.83 14:45:??	23.11.83 16:40:??	23.11.83 19:58:19		149d 10h 46m 01s	
15L	Soyuz T-10-1	7K-ST	-	Soyuz-U		B	1	26.09.83 19:37:47		26.09.83 19:43:00		5m 13s	Space Launcher explosion on start. Crew rescued by Planned time of launch - 19:39:27.
16L	Soyuz T-10	7K-ST	1984-014A	Soyuz-U		B	31	08.02.84 12:07:26	09.02.8414:43:30	11.04.84 07:32:??	11.04.84 10:48:44	62d 22h 41m 18s	Docked with Salyut-7.
17L	Soyuz T-11	7K-ST	1984-032A	Soyuz-U		B	31	03.04.84 13:08:38	04.04.8414:31:13	13.04.84 10:27:??			Docked with Salyut-7.
								13.04.84 10:47:??	02.10.84 07:38:??	02.10.84 10:56:30		181d 21h 47m 52s	

18L	Soyuz T-12	7K-ST	1984-073A	Soyuz-U	B	31	17.07.84 17:40:54	18.07.84 19:17:??	29.07.84 09:38:??	29.07.84 12:55:30	11d 19h 14m 36s	Docked with Salyut-7.	
19L	Soyuz T-13	7K-ST	1985-043A	Soyuz-U2 003	B	1	06.06.85 06:39:52	08.06.85 08:50:??	25.09.85 03:58:??	26.09.85 09:51:58	112d 03h 12m 06s	Docked with Salyut-7.	
20L	Soyuz T-14	7K-ST	1985-081A	Soyuz-U2 007	B	1	17.09.85 12:38:52	18.09.85 14:15:??	21.11.85 07:16:??	21.11.85 10:31:00	64d 21h 52m 08s	Docked with Salyut-7.	
21L	Soyuz T-15	7K-ST	1986-022A	Soyuz-U2 012	B	1	13.03.86 12:33:09	15.03.86 13:38:42	05.05.86 12:12:09			Docked with Mir.	
								06.05.86 16:57:52	25.06.86 14:58:00			Docked with Salyut-7.	
								26.06.86 19:46:00	16.07.86 09:09:50	16.07.86 13:34:05	125d 00h 00m 56s	Docked with Mir.	
51L	Soyuz TM	7K-M	1986-035A	Soyuz-U2	B	1	21.05.86 08:21:51	23.05.86 10:11:45	29.05.86 09:22:45	30.05.86 05:07:08	8d 20h 45m 17s	Docked with Mir.	
52L	Soyuz TM-2	7K-M	1987-013A	Soyuz-U2	B	1	05.02.87 21:38:16	07.02.87 23:27:40	29.07.87 22:44:00	30.07.87 01:04:12	174d 03h 25m 56s	Docked with Mir.	
53L	Soyuz TM-3	7K-M	1987-063A	Soyuz-U2	B	1	22.07.87 01:59:17	24.07.87 03:31:23	30.07.87 23:27:40			Docked with Mir.	
								30.07.87 23:47:00	29.12.87 05:58:00	29.12.87 09:16:15	160d 7h 16m 58s		
54L	Soyuz TM-4	7K-M	1987-104A	Soyuz-U2	B	1	21.12.87 11:18:03	23.12.87 12:51:00	30.12.87 09:09:40			Docked with Mir.	
								30.12.87 09:28:46	17.06.88 06:20:50	17.06.88 10:13:32	178d 22h 55m 29s		
55L	Soyuz TM-5	7K-M	1988-048A	Soyuz-U2	B	1	07.06.88 14:03:13	09.06.88 15:57:10	18.06.88 10:11:00			Docked with Mir.	
								18.06.88 10:27:00	05.09.88 23:54:57	07.09.88 00:49:38	91d 10h 46m 25s		
56L	Soyuz TM-6	7K-M	1988-075A	Soyuz-U2	B	1	29.08.88 04:23:11	08.09.88 01:25:00	21.12.88 02:32:54	21.12.88 09:57:00	114d 05h 33m 49s	Docked with Mir.	
57	Soyuz TM-7	7K-M	1988-104A	Soyuz-U2	B	1	26.11.88 15:49:35	28.11.88 17:15:40	22.12.88 06:44:50			Docked with Mir.	
								22.12.88 06:59:02	26.04.89 23:28:01	27.04.89 02:57:58	151d 01h 08m 23s		
58	Soyuz TM-8	7K-M	1989-071A	Soyuz-U2	B	1	05.09.89 21:38:03	07.09.89 22:25:26	12.12.89 08:22:30			Docked with Mir.	
								12.12.89 08:42:32	19.02.90 01:06:20	19.02.90 04:36:18	166d 06h 58m 15s		
59	-	7K-M										Service Module (PAO) was broken during tests	
60	Soyuz TM-9	7K-M	1990-014A	Soyuz-U2	B	1	11.02.90 06:16:00	13.02.90 06:37:47	21.02.90 03:56:01			Docked with Mir.	
								21.02.90 04:15:23	28.05.90 11:45:13				
								28.05.90 12:11:17	03.07.90 22:07:04				
								03.07.90 22:31:12	09.08.90 04:08:49	09.08.90 07:33:57	179d 01h 17m 57s		
61	Soyuz TM-11	7K-M	1990-107A	Soyuz-U2	B	1	02.12.90 08:13:32	04.12.90 09:57:09	26.03.91 10:12:00			Docked with Mir.	
								26.03.91 10:58:59	26.05.91 06:15:39	26.05.91 10:04:13	175d 01h 50m 41s		
61A	Soyuz TM-10	7K-M	1990-067A	Soyuz-U2	B	1	01.08.90 09:32:21	03.08.90 11:45:44	10.12.90 02:48:11	10.12.90 06:08:12	130d 20h 35m 51s	Landing Capsule (SA) and Orbital Module (OO) are #59. Docked with Mir.	
62	Soyuz TM-12	7K-M	1991-034A	Soyuz-U2	B	1	18.05.91 12:50:28	20.05.91 14:50:43	23.05.91 10:10:??			Docked with Mir.	
								23.05.91 10:52:??	10.10.91 00:55:08	10.10.91 04:12:18	144d 15h 21m 50s		
63	Soyuz TM-13	7K-M	1991-069A	Soyuz-U2	B	1	02.10.91 05:59:39	04.10.91 07:38:42	15.10.91 01:01:??			Docked with Mir.	
								15.10.91 02:45:??	14.03.92 11:43:??				
								14.03.92 12:10:??	25.03.92 05:26:??	25.03.92 08:52:22	175d 02h 52m 43s		
64	Soyuz TM-14	7K-M	1992-014A	Soyuz-U2	B	1	17.03.92 10:54:30	19.03.92 12:32:50	09.08.92 21:46:47	10.08.92 01:05:02	145d 14h 10m 32s	Docked with Mir.	
65	Soyuz TM-15	7K-M	1992-046A	Soyuz-U2	B	1	27.07.92 06:08:48	29.07.92 07:46:??	01.02.93 00:26:??	01.02.93 03:58:00	188d 21h 49m 12s	Docked with Mir.	
66	Soyuz TM-17	7K-M	1993-043A	Soyuz-U2	B	1	01.07.93 14:32:58	03.07.93 16:24:03	14.01.94 04:37:11	14.01.94 08:18:20	196d 17h 45m 22s	Docked with Mir.	
67	Soyuz TM-18	7K-M	1994-001A	Soyuz-U2	B	1	08.01.94 10:05:34	10.01 94 11:50:20	24.01.94 03:12:00			Docked with Mir.	
								24.01.94 05:01:05	09.07.94 07:12:59	09.07.94 10:32:35	182d 00h 27m 01s		
68	Soyuz TM-19	7K-M	1994-036A	Soyuz-U2	B	1	01.07.94 12:24:50	03.07.94 13:55:02	02.11.94 10:40:10			Docked with Mir.	

								02.11.9411:14:58	04.11.9407:31:30	04.11.9411:18:26	125d 22h 53m 36s		
69	Soyuz TM-20	7K-M	1994-063A	Soyuz-U2	B	1	03.10.9422:42:30	06.10.9400:28:15	11.01.9508:59:40			Docked with Mir.	
								11.01.9509:27:55	22.03.9500:43:08	22.03.9504:04:05	169d 05h 21m 35s		
70	Soyuz TM-21	7K-M	1995-010A	Soyuz-U2	B	1	14.03.9506:11:34	16.03.9507:45:25	11.09.9503:30:44	11.09.9506:52:40	181d 00h 41m 06s	Docked with Mir.	
71	Soyuz TM-22	7K-M	1995-047A	Soyuz-U2	B	1	03.09.9509:00:23	05.09.9510:29:53	29.02.9607:20:06	29.02.9610:42:08	179d 01h 41m 45s	Docked with Mir.	
72	Soyuz TM-23	7K-M	1996-011A	Soyuz-U 651	B	1	21.02.9612:34:05	23.02.9614:20:35	02.09.9604:20:00	02.09.9607:41:40	193d 19h 07m 35s	Docked with Mir.	
73	Soyuz TM-24	7K-M	1996-047A	Soyuz-U	B	1	17.08.9613:18:03	19.08.9614:50:23					
101	Soyuz TM-16	7K-M	1993-005A	Soyuz-U2	B	1	24.01.9305:58:05	26.01.9307:31:17	22.07.9303:00:30	22.07.9306:41:50	179d 00h 43m 45s	Docked with Mir. APAS docking unit	
11F715 (DOS Zarya) Long-Duration Orbital Station													
121	Saljut	17K	(1)	1971-032A	Proton	254	B	81	19.04.7101:39:??	11.10.71	175d ??h ??m ??s		
122		17K	(2)	-	Proton		B		29.07.7203:17:??	29.07.7203:23:??	6m ??s	2nd stage failure	
123	Kosmos-557	17K	(3)	1973-026A	Proton		B		11.05.7300:28:??	22.05.7303:07:??	11d 02h 39m ??s		
124	Saljut-4	17K	(4)	1974-104A	Proton		B		26.12.7404:19:??	02.02.7723:31:??	769d 19h 12m ??s		
125	Saljut-6	17K	(5)	1977-097A	Proton		B		29.09.7706:57:??	29.07.82	1764d ??h ??m ??s		
126	Saljut-7	17K	(6)	1982-033A	Proton	306-02	B200p		19.04.8219:45:??	07.02.9103:44:??	3216d 07h 59m 00s		
127	Mir	17KS	(7)	1986-017A	Proton		B		19.02.8621:28:23			base block of Mir (27KS) orbital complex	
128	Mir-2	17KSM										base block of Mir-2 orbital complex	
(SO) Docking Module of Mir (27KS) orbital complex													
	SO	316GK	-	Atlantis 15	F- OV-104	KSC39A	15.11.9506:27:38					Docked with Mir.	
11F71 (OPS Almaz) Orbital Manned station													
(1)		OPS										technological?	
(2)		OPS										technological?	
(3)		OPS										technological?	
(4)		OPS										technological?	
(5)		OPS										technological?	
(6)		OPS										technological?	
(7)		OPS										technological?	
(8)		OPS										technological?	
101-01	Saljut-2	OPS	(1)	1973-017A	Proton		B		03.04.7309:07:??	28.05.7311:46:??	55d 02h 39m ??s		
101-02	Saljut-3	OPS	(2)	1974-046A	Proton		B		25.06.7423:55:??	24.01.75	213d ??h ??m ??s		
102-01		OPS										technological?	
103-01	Saljut-5	OPS	(3)	1976-057A	Proton		B		22.06.7618:14:??	08.08.77	412d ??h ??m ??s		
104-01	(Saljut-7)	OPS	(4)									prepared as Saljut-7	
105-01		OPS										are not claimed	
106-01		OPS										are not claimed	
107-01		OPS										are not claimed	
11F72 (TKS) Transport Supply Ship for OPS Almaz													
161-01	Kosmos-929	TKS	(1)	1977-066A	Proton		B		17.07.7709:07:??	02.02.78	200d ??h ??m ??s		
163-01	Kosmos-1267	TKS	(2)	1981-039A	Proton		B		25.04.8102:01:??	19.06.8106:52:??	29.07.82	460d ??h ??m ??s	
164-01	Kosmos-1443	TKS	(3)	1983-013A	Proton	309-02	B200L		02.03.8308:37:08	10.03.8308:20:??	14.08.8314:04:??	19.09.8300:34:??	200d 15h 56m 52s
165-01	Kosmos-1686	TKS-M	(4)	1985-086A	Proton	331-01	B200L		27.09.8508:42:??	02.10.8510:16:??	07.02.9102:44:??	1958d 18h 02m 00s	TKS-module
11F74 (VA) Returned Apparatus of TKS													
(1)	-	VA	-	-			B	51	.74			SAS test	
	-		-	-			B	51	.7?			SAS test	
	-		-	-			B	51	.7?			SAS test	
	-		-	-			B	51	.7?			SAS test	
	-		-	-			B	51	.77			SAS test	
(2)	Kosmos-881	VA LVI-1	1976-121A						15.12.7601:29:??	15.12.7601:40:??	15.12.7603:??:??	1h 3?m ??s	
	-	VA LVI-2	-						05.08.77	05.08.77	05.08.77	20m ??s	3rd stage failure. Rescuered by SAS
	Kosmos-997	VA LVI-3	1978-032A						30.03.7800:00:??	30.03.7800:10:??	30.03.7801:??:??	1h 3?m ??s	

(3)	Kosmos-882	VA LVI-1	1976-121B			15.12.76 01:29:??	15.12.76 01:40:??	15.12.76 03:??:??	1h 3?m ??s	
-	-	VA LVI-2	-			05.08.77	-	- 05.08.77	20m ??s	3rd stage failure. Crashed.
(4)	-	VA TKS-1	1977-066C			17.07.77 09:07:??	16.08.77	16.08.87		
	Kosmos-1100	VA LVI-4	1979-042A			22.05.79 23:00:??	23.05.79 23:10:??	23.05.79 02:??:??	0h 3?m ??s	Crashed
(5)	Kosmos-998	VA LVI-3	1978-032B			30.03.78 00:00:??	30.03.78 00:10:??	30.03.78 01:??:??	1h 3?m ??s	
	Kosmos-1101	VA LVI-4	1979-042B			22.05.79 23:00:??	23.05.79 23:10:??	23.05.79 03:??:??	1h 3?m ??s	Crashed
(6)	-	VA TKS-2	1981-039D			25.04.81 02:01:??	24.05.81	24.05.81		
(7)	-	VA TKS-3	1983-013D			02.03.83 08:37:08	23.08.83	???:??	23.08.83 11:02:??	??h ??m ??s
(8)	-	VA TKS-M	1985-086A			27.09.85 08:42:??	02.10.85 10:16:??	07.02.91 02:44:??	1958d 18h 02m 00s	Inseparable
11F64VA (LVI / 82LB72)										
Flying-Mass Article										
-		LVI (1)	-	Proton	B	15.12.76 01:29:??		15.12.76 01:40:??	10m ??s	
-		LVI (2)	-	Proton	B	05.08.77		05.08.77	20m ??s	3rd stage failure
-		LVI (3)	-	Proton	B	30.03.78 00:00:??		30.03.78 00:10:??	10m ??s	
-		LVI (4)	-	Proton	B	22.05.79 23:00:??		23.05.79 23:10:??	10m ??s	

11F76 (KSI)										
Capsule of Special Information of OPS Almaz										
501	KSI									
502	KSI									
503	KSI									
504	KSI									
505	KSI OPS-2				25.06.74 12:55:??	23.09.74 09:3?:??		23.09.74 09:5?:??	89d 20h ??m ??s	
506	KSI OPS-3				22.06.76 18:14:??	26.02.77 09:3?:??		26.02.77 09:5?:??	248d 16h ??m ??s	
507	KSI									
11F77 (FGB)										
Functional Cargo Module of TKS / TKM, specialised module										
161-01	Kosmos-929	FGB TKS-1	1977-066A			17.07.77 09:07:??		02.02.78	200d ??h ??m ??s	
162-01	-	-	-			15.05.87		used during Polvus manufacture		
163-01	Kosmos-1267	FGB TKS-2	1981-039A			25.04.81 02:01:??		19.06.81 06:52:??	29.07.82	460d ??h ??m ??s
164-01	Kosmos-1443	FGB TKS-3	1983-013A			02.03.83 08:37:08		10.03.83 08:20:??	14.08.83 14:04:??	19.09.83 00:34:??
165-01	Kosmos-1686	FGB TKS-M	1985-086A			27.09.85 08:42:??		02.10.85 10:16:??	07.02.91 02:44:??	1958d 18h 02m 00s
166-01		FGB TKM	1987-030C			31.03.87 00:06:16		12.04.87 20:18:24	25.08.88	513d ??h ??m ??s
171-01	Kvant-2	77KSD	1989-093A	Proton	B	26.11.89 10:01:41	06.12.8912:21:28	08.12.89 07:19:??		
172-01	Kristall	77KST	1990-048A	Proton	B	31.05.90 10:33:20	08.12.89 08:00:??	10.06.9010:47:22	11.06.90	???:??
							11.06.90 ???:??	26.05.95 23:07:44		
							27.05.9500:36:10	29.05.95 22:??:??		
							29.05.95 23:??:??	10.06.95 17:3?:??		
							10.06.95 19:??:??	17.07.95 02:51:56		
							17.07.95 04:??:??			
173-01	Spektr	77KSO	1995-024A	Proton	378-02	B 81L	20.05.95 03:33:22	01.06.9500:56:17	02.06.95 19:53:50	
174-01	Priroda	77KSI	1996-023A	Proton		B 81L	23.04.96 11:48:50	26.04.9612:42:32	27.04.96 08:32:??	
								27.04.96 10:06:??		
175-01?	FGB	77KM								
11F91 (Zond)										
Lunar manned fly-by spaceship										
01	-	7K-L1M			B			tested in January 1967 on Baikonur		
02	Kosmos-146	7K-L1P	1967-021A	Proton+D	B		10.03.67 11:32:??	19.03.67 04:33:??	8d 17h 01m ??s	
03	Kosmos-154	7K-L1P	1967-032A	Proton+D	B		08.04.67 09:01:??	10.04.67 14:24:??	2d 05h 23m ??s	
04	Zond-7	7K-L1P	1969-067A	Proton+D	B		08.08.69 23:49:??	14.08.69 18:14:??	6d 18h 25m ??s	
05	-	7K-L1	-	Proton+D	B		28.09.67	28.09.67	6m ??s	1st stage failure. SA rescued by SAS
06	-	7K-L1	-	Proton+D	B		22.11.67 18:45:??	22.11.67 18:57:??	12m ??s	2nd stage failure. SA rescued by SAS

07	Zond-4	7K-L1	1968-013A	Proton+ D	B	02.03.68 18:30:??	09.03.68 18:50:??	7d 00h 20m ??s	SA was destroyed by ASU during landing	
08	-	7K-L1	-	Proton+ D	B	23.04.68	23.04.68	12m ??s	2nd stage failure. SA rescued by SAS	
09	-	7K-L1	-	Proton+ D	B	(21.07.68)			Block D broken on July 14, 1968. Reconstructed to 7K (1)	
10	-	7K-L1							Prepared for manned flight.	
11	Zond-5	7K-L1	1968-076A	Proton+ D	B	14.09.68 21:42:1 1	21.09.68 16:08:??	6d 18h 26m ??s		
12	Zond-6	7K-L1	1968-101A	Proton+ D	B	10.11.68 19:12:??	17.11.68 14:10:??	6d 18h 48m 00s		
13	-	7K-L1	-	Proton+ D	237 B	20.01.69	20.01.69	20m ??s	3rd stage failure. SA rescued by SAS	
14	-	7K-L1							Prepared for manned flight.	
15	Zond-8	7K-L1	1970-088A	Proton+ D	B	20.10.70 19:55:??	27.10.70 13:55:??	6d 18h 00m 00s		
11F92 (Heavy Zond) heavy Lunar manned fly-by spaceship										
-		7K-L1S	(1) -	N1	3L	B110 P	21.02.69 09:18:0 7	21.02.69 09:25:??	7m ??s	1st stage failure. SA rescued by SAS
-		7K-L1S	(2) -	N1	5L	B110 P	03.07.69 20:18:3 2	03.07.69 20:25:??	7m ??s	1st stage failure. SA rescued by SAS
??? experimental lunar spaceship										
25	-	7K-L1E	(1) -	Proton+ D?	245 B	28.11.69	28.11.69		1st stage failure. SA rescued by SAS	
-		7K-L1E	(2) -	Proton+ D?	B	18.08.70	18.08.70		Launch failure. ??	
Kosmos-382		7K-L1E	(3) 1970-103A	Proton+ D?	B	02.12.70 16:34:??				
11F93 (LOK) Lunar Orbital Ship of L3 lunar complex										
-		7K-MA L3S- 1	-			26.06.71 23:15:0 7	26.06.71 23:15:59	52s	1st stage failure. Spaceship crashed	
-		7K-L1Z? L3S-2	-			23.11.72 06:11:5 2	23.11.72 06:19:??	1m 47s	1st stage failure. SA rescued by SAS	
-		7K-L1Z?							Prepared for N1 #8L (08.74)	
-		7K-L1Z?							Prepared for N1 #9L (75)	
11F94 (LK) Lunar Cabine of L3 lunar complex										
Kosmos-379	T2K	(1)	1970-099A	Sovuz-L	B	1	24.11.70 05:17:??	23.09.83	4686d ??h ??m ??s	
Kosmos-398	T2K	(2)	1971-016A	Sovuz-L	B	1	26.02.71 05:17:??			
-	LK(M)	L3- 3	-				26.06.71 23:15:0 7	26.06.71 23:15:59	52s	1st stage failure. Spaceship crashed
Kosmos-434	T2K	(3)	1971-069A	Sovuz-L	B	1	12.08.71 05:30:??	12.08.81	3653d ??h ??m ??s	
-	LK (M)	L3- 4	-				23.11.72 06:11:5 2	23.11.72 06:13:39	1m 47s	1st stage failure. Spaceship crashed
-	LK									Prepared for N1 #8L (08.74)
-	LK									Prepared for N1 #9L (75)
(L3) manned lunar landing spacecomplex										
-	L3S	(1)	-	N1	3L	B110 P	21.02.69 09:18:0 7	21.02.69 09:25:??	70s	1st stage failure. Spaceship crashed
-	L3S	(2)	-	N1	5L	B110 P	03.07.69 20:18:3 2	03.07.69 20:25:??	23s	1st stage failure. Spaceship crashed
-	L3	(3)	-	N1	6L	B110 L	26.06.71 23:15:0 7	26.06.71 23:15:59	52s	1st stage failure. Spaceship crashed
-	L3	(4)	-	N1	7L	B110 L	23.11.72 06:11:5 2	23.11.72 06:19:??	1m 47s	1st stage failure. Spaceship crashed
11F35 (Buran) orbital shuttle ship										
	OK-MS	-								Static mock-up
	OK-MT	-								Technological mock-up
	OK-KS	-								Complex stand
3501001	BTS-01	OK-ML1	-							Flying mock-up
3501002	BTS-02	OK-ML2	-	-	-		29.12.84 14:30:??	29.12.84 14:35:??	5 m ??s	Removal. 40-45 km/h
							02.08.85 18:56:??	02.08.85 19:10:??	14 m ??s	Ground run. 200 km/h
							05.10.85 15:31:??	05.10.85 15:43:??	12 m ??s	Ground run. 270 km/h
							15.10.85 14:44:??	15.10.85 15:15:??	31 m ??s	Ground run. 300 km/h

						05.11.85 13:40:??	05.11.85 13:52:??	12 m ??s	1st flight. 480 km/h, h=1500 m										
						10.11.85 14:06:??	10.11.85 14:18:??	12 m ??s	Ground run. 170 km/h										
						03.01.86 14:19:??	03.01.86 14:55:??	36 m ??s	2nd flight. h=3000 m, 520 km/h										
						26.04.86 15:17:??	26.04.86 15:31:??	14 m ??s	Ground run										
						27.05.86 13:34:??	27.05.86 13:57:??	23 m ??s	3rd flight. h=4000 m, 540 km/h										
						10.06.86 07:42:??	10.06.86 08:04:??	22 m ??s	4th flight. h=4000 m, 530 km/h										
						20.06.86 07:40:??	20.06.86 08:05:??	25 m ??s	5th flight.										
						28.06.86 09:30:??	28.06.86 09:53:??	23 m ??s	6th flight.										
						10.12.86 13:07:??	10.12.86 13:31:??	24 m ??s	7th flight. h=4000 m. 1st automatic landing										
						23.12.86 12:43:??	23.12.86 13:00:??	17 m ??s	8th flight. h=4000 m.										
						29.12.86 12:57:??	29.12.86 13:14:??	17 m ??s	9th flight.										
						16.02.87 13:30:??	16.02.87 13:58:??	28 m ??s	10th flight.										
						25.03.87 16:22:??	25.03.87 16:24:??	2 m ??s	Ground run.										
						30.03.87 16:40:??	30.03.87 17:05:??	25 m ??s	Ground run										
						21.05.87 10:17:??	21.05.87 10:37:??	20 m ??s	11th flight.										
						25.06.87 14:34:??	25.06.87 14:53:??	19 m ??s	12th flight.										
						05.10.87 13:50:??	05.10.87 14:11:??	21 m ??s	13th flight. Automatic landing										
						15.10.87 08:12:??	15.10.87 08:31:??	19 m ??s	14th flight.										
						16.01.88 13:06:??	16.01.88 13:28:??	22 m ??s	15th flight.										
						24.01.88 14:00:??	24.01.88 14:22:??	22 m ??s	16th flight.										
						23.02.88 13:34:??	23.02.88 13:56:??	22 m ??s	17th flight.										
						04.03.88 12:40:??	04.03.88 12:58:??	18 m ??s	18th flight										
						12.03.88	12.03.88	21 m ??s	19th flight.										
						23.03.88	23.03.88	21 m ??s	20th flight.										
						28.03.88	28.03.88	22 m ??s	21th flight.										
						02.04.88	02.04.88	20 m ??s	22th flight.										
						08.04.88	08.04.88	21 m ??s	23th flight.										
						15.04.88	15.04.88	19 m ??s	The last 24- flight.										
						28.12.89	28.12.89		Ground run.										
						??.??.90	??.??.90		Ground run?										
						??.??.90	??.??.90		Ground run?										
01	Buran	OK-1K1	1988-100A	Energia	1L	B110 L	15.11.88 03:00:0 0	15.11.88 06:24:42	3h 24m 42s	1st unmanned space flight									
02	Buran-2	OK-1K2																	
(BOR-1)																			
Unmanned Orbital Rocketplane, 1/3 scale wood EPOS mock-up																			
	BOR-1		Kosmos-2		KY	15.07.69													
(BOR-2)																			
Unmanned Orbital Rocketplane, 1/3 scale metal EPOS mock-up																			
	BOR-2		Kosmos-2		KY														
(BOR-3)																			
Unmanned Orbital Rocketplane, scale metal EPOS mock-up																			
	BOR-3		Kosmos-3		KY														
(BOR-4)																			
Unmanned Orbital Rocketplane, 1/6 scale EPOS mock-up																			
	BOR-4	-	Kosmos-3		KY	05.12.80													
Kosmos-1374	BOR-4	1982-054A	Kosmos-3		KY	03.06.82 21:29:??	03.06.82 23:18:??	1h 49m ??s											
Kosmos-1445	BOR-4	1983-017A	Kosmos-3		KY	15.03.83 22:35:??	16.03.83 00:20:??	1h 45m ??s											
Kosmos-1517	BOR-4	1983-125A	Kosmos-3		KY	27.12.83 10:20:??	27.12.83 11:50:??	1h 30m ??s											
	BOR-4		Kosmos-3			04.07.84													
Kosmos-1614	BOR-4	1984-126A	Kosmos-3		KY	19.12.84 03:53:??	19.12.84 05:23:??	1h 30m ??s											
	BOR-4					20.10.87													
(BOR-5)																			
Unmanned Orbital Rocketplane, 1/8 scale metal Buran mock-up																			
	BOR-5		Kosmos-3		KY	04.06.83													
88045G505	BOR-5		Kosmos-3		KY	05.06.84													
87045G505	BOR-5		Kosmos-3		KY	16.04.85													

	BOR-5	-	Kosmos-3	KY	25.12.86				
	BOR-5		Kosmos-3	KY	27.08.87				
	BOR-5		Kosmos-3	KY	24.06.88				
(BOR-6)									
Unmanned Orbital Rocketplane, 1/6 scale EPOS mock-up									
	BOR-6							are not claimed	
EPOS									
Experimental Manned Orbital Plane									
7510511101	Prototype	105.11				.75	.75	Ground run	
						.75	.75	Ground run	
						05.76	05.76	Take off -landing test	
						05.76	05.76	Take off -landing test	
						05.76	05.76	Take off -landing test	
						11.10.76	11.10.76	Flight from one landing strip to another	
						27.10.77	27.10.77	1st flight	
						77	77		
						77	77		
						78	78		
						78	78		
						78	78		
						78	78		
						78	78		
						09.78	09.78	Wreak during landing	
11F36 (Energiya/Buran system)									
Rocket-Space System									
1	Energiya/Buran		B110	15.11.88	03:00:00		15.11.88	03:08:??	8m ??s
			L		0				
11F37 (BDP)									
Module (block) of Additional Devices, short module of TKM									
-	BDP	(1)		15.11.88	03:00:00		15.11.88	06:24:42	3h 24m 42s
					0				flied inside Buran F-1
-	BDP	(2)							are not claimed
10	Kvant	37KE	1987-030A	Proton	B	31.03.87 00:06:16	09.04.8700:35:58		11.04.87 20:18 - hard docking
11F377? (TKM)									
Transport Modular Spaceship									
Kvant	TKM / 377KE	1987-030A	Proton	B	31.03.87 00:06:16	09.04.8700:35:58	12.04.87 20:18:24		11.04.87 20:18 - hard docking
17F19 (Polyus / Skif-DM)									
experimental space apparatus									
	Polyus		Energiya 6L	B 250	15.05.87		15.05.87		10m ??s

Comments:

¹ Design and constructor designations of space launchers:

Name	Design designation	Designation according to constructor documents (D)
-	R-5V	8A51
-	N1	11A52
Energiya	-	11K25
Kosmos-2	-	11K63
Kosmos-3	-	11K65
Proton	UR-500K	8K82K
Soyuz	-	11A511
Soyuz-L	-	11A511L
Soyuz-U	-	11A511U
Soyuz-U2	-	11A511U2
Voskhod	-	11A57
Vostok	-	8K72
Vostok-K	-	8K72K

