

KB (Design Bureaux)									
1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
1	KB-1, MRP			ELEC	MRP (1980)	radar	Kuksenko, Bunkin	1980	C74 (pp. 466, 492-3)
1	KB-1, OAO			ARMS	VSNKh (1931)	KB-1 of Orudino-Arsenalnogo Ob'edineniya		1931	G13
1	KB			ARMS	NKAP (1940)	bomb and torpedo for aircraft	Shul'gin	1940	G26
1	KB-1, Tret'e Glavnoe Upravlenie		Moscow	AERO	MV (1950), MSM (1953), MRP (1965)	formed 1950 from SB-1; Moscow air defence missile systems plya 1323; MV till 1953 when transferred to Minsredmash and shortly after to MOP; 11/53 OKB-2 split off (later MKB Fakel); three separate SKBs split off c1955 SKBs-30,31 & 41; became TsKB(MKB) 'Strela' & from 1967 TsKB 'Almaz' and now NPO TsKB 'Almaz'	Kuksenko1950-3, (S.L. Beriya eng.1950-3), Yelyan 1953, Vladimirkii 1953?, Lukin 1954, Chisov 1954-?, Rapletin 1953-67, Bunkin 1967-	1950-97	A7 C33 (p. 236) D39 (3/2/93) D25 (30/7/94, 24/5/97) C28 (p. 294) D35 (vol. 1/97, p. 3, N3/97, p. 68) G1 D63 (22-25/8/97)
1	KB-1 z-da 1 Glavkhim		Moscow	OTHER	VSNKh (1930)	gas warfare equipment		1930	A2
1	KB-1 z-da 1 GUAP		Moscow (Khodynka)	AERO	VSNKh (1932), NKTP (1933), NKOP (1936), NKAP (1939)	based at z-d 1 and joined in 2/39 by OKB of Polikarpov and from mid-1939 OKO-1 of Mikoyan, which became OKB z-da 1 in 12/39; Kocherigin evacuated to Novosibirsk to join Polikarpov in 10/41; source G26 has Kocherigin OKB sent to z-d 156 2/39	Kocherigin 1932-41	1932-41	C24 C4 E2 G26
1	KB OKB z-da 301		Khimki	AERO		created in reorganization within OKB in 1959 when 4 KBs were formed to expedite Leningrad SAM system		1959-62	D7 (N11-2/96, pp. 66-7)
1	KB z-da 81		Moscow (Khodynka)	AERO	MAP (1946)	formed early 1946 by group split off from OKB-43; aircraft armaments, later MKB 'Iskra'	Shebanov 1946-	1946	E2
2	KB			ARMS	NKAP (1940)	1940 reference to this KB for artillery and non portable weapons; joined by Toropov KB in 1940	Shebanov	1940	G26
2	KB		Moscow	ARMS	NKTP (1933), NKOP (1936), NKV (1939)	artillery KB of Vsesoyuz orudino-arsenal in early 1930s; also referred to as KB-2 Orudino-Arsenalnogo Ob'edineniya which was helped by experts from 'Rheinmetall'	Shnitman, Deglyarev	1933-42	D39 (4/6/42) C18 (p. 79) G13
2	KB		Moscow	AERO	NKSKhM (1947)	1947 reference to this KB working on Hs-293 derivatives; on site of z-d 67 with which it merged on 15/12/51 to become GSNII-642 (N5119-2226)	Orlov	1947-51	D46 (N2/97, pp. 10-2)
2	KB		Dubna	AERO	MOBM (1965)	missile systems; now Mashinostroitel'noe KB Raduga; redesignated OKB-2 z-da 155 when transferred to MIG-OKB in 1954	Bereznyak, Seleznev	1951-95	D29 (N11/94, p. 74) C5 (pp. 269-73) H1 vol. 3
2	KB		Voronezh	AERO	NKAP (1939)	formed 1939 as KB-2 of MAI and based at z.16 Voronezh for aeroengine work but evacuated 9/41 to Ufa as OKB-250	Skubachevskii, Dobrynin	1940-1	C41 (p. 491) D7 (N5-6/97, pp. 15-7)
2	KB		Kovrov (Vladimirskaia obl.)	ARMS	NKV (1940), MV (1945)	KB-2 z-da 2, former PKB; development of hand held automatic guns; renamed OKB-2 (OKB z-da 2) in 1956		1940-56	G1
2	KB-2 OVI RKKKA		Leningrad, now St Petersburg			Oldel Voennykh Izobretenii (dept. of Military Inventions); Zaslavskii, Bas-Dubov and Semenov noled working here 1934-8		1934	G26-1934
2	KB-2 OKB z-da 301		Khimki	AERO		created in reorganization within OKB in 1959 when 4 KBs were formed to expedite Leningrad SAM system; this KB specialized in electronic systems	Babakin	1959-62	D7 (N11-2/96, pp. 66-7)
2	KB-2 z-da 51		Moscow (Khodynka)	AERO	NKAP (1944), MV (1945)	KB-2 z-da 51 also called KB-2-51; rockets and cruise missiles	Chelomei	1944-53	D26 (N11/93) C38 (p. 34)
2	KB-2 z-da 81		Moscow (Khodynka)	AERO	MAP (1946)	formed early 1946 by redesignating OKB-455; solid fuel rockets; later MKB 'Iskra'	Kartukov 1946-	1946	E2
3	KB			ARMS	NKOP (1938)	mountain artillery	Gorlitskii	1938	G13
3	KB			ARMS	NKAP (1940)	developed mobile small arms for NKAP	Mozharovskii	1940	G26
3	KB-3 TsKB 29			AERO	NKVD (1941)			1941	G26
3	KB		Krasnoarmeisk	AERO, later MUNS	MV (1947), MOP (1965), MOBM (1968)	formed 5/47 to develop rocket weapons; from 1954 filial of NII-1 and specialised in developing technology of ammunition; 1996 renamed K. NII mekhanizatsii		1947-96	D40 (21/5/97)
3	KB-3 z-da 3 Rezinotrest a		Moscow	OTHER	VSNKh (1930)	antigas equipment parts		1930	A2

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3	KB-3 OKB z-da 301		Khimki	AERO		created in reorganization within OKB in 1959 when 4 KBs were formed to expedite Leningrad SAM system		1959-62	D7 (N11-2/96, pp. 66-7)
4	KB		Leningrad, now St Petersburg	SHIP	VSNKh (1936) NKSP (1943)	KB-4 of Baltiiskii z-d (z-d 189); became TsKBS-4 (TsKB-4) in 9/43	Chilki	1936-43	C32 (pp. 19, 24) D46 (N7/98, p. 15)
4	KB-4 z-da 133		Moscow (Khodynka)	AERO	VNKh (1932)	Grigorovich design bureau was transferred to opytnyi z-d 133 to develop aircraft IP-1	Grigorovich 1932-	1932	D26 (N6/92, p. 22) C1 (p. 84)
4	KB z-da 4		Leningrad, now St Petersburg	MUNS	VSNKh (1930)	explosives, tubes		1930	A2
4	KB-4 z-da 156		Moscow	AERO	NKAP (1939)	reference to this KB developing the DB LK bomber in 8/39; this contradicts other sources see OKB-16 z-da 156	Belyaev	1939	G26
4	KB-4 OKB z-da 301		Khimki	AERO		created in reorganization within OKB in 1959 when 4 KBs were formed to expedite Leningrad SAM system		1959-62	D7 (N11-2/96, pp. 66-7)
4	KB-4 TsKB z-da 393		Krasnogorsk	ARMS	MV (1956)	formed 1956 to develop optical instruments for military use; redesignated KB-10 TsKB z-da 393 in 1962		1956-62	H5
5	KB-5		Pavlograd	AERO		created at Pavlogradskii mekhanicheskii z-d in 12/63 within the system of OKB-586	Khorol'skii	1963	C75 (p. 22)
5	KB z-da 5		Leningrad, now St Petersburg	SHIP	NKVD (1933)	NKVD plant and KB for warships formed 1933 (see OKB-5)		1933-9	C63 (vol. 4, p. 274)
5	KB z-da 5 filial		Sosnov	SHIP	NKVD? (1942)	filial formed 1942		1942	C63 (vol. 4, p. 451)
5	KB-5		Moscow (Filii)	AERO	NKOP (1936)	separated from Tupolev design bureau 1936	Arkhangel'skii 1936-	1936	G26 -1936
7	KB z-da 7		Leningrad, now St Petersburg	ARMS	VSNKh (1930), NKTP (1933), NKOP (1936), NKV (1939), MV (1945), MOP (1965)	artillery parts and mortars; became OKB-7 c.1946 and TsKB-7 on 21/11/49; now St Petersburg KB PO Arsenal im. MV Frunze for artillery systems and also space projects;	Poletaev, Shamarin	1930-97	A2 D1 (N9-10, pp. 54-5) H1 (vol. 3) D35 (vol. 2, p. 7)
7	KB-7			AERO	NKTP (1934)	formed c.1934 for rocket building; absorbed by NII-3 in 1939	Korneev	1934-9	C75 (p. 7)
8	KB z-da 8 im. Kalinina		Podlipki (renamed Kaliningrad 1938), now Korolev	ARMS	NKV (1941)	artillery systems; evacuated 1941 to Sverdlovsk	Komaritskii, Charnko, Lul'ev	1936-41	D35 (vol. 3/97, p. 68) G13
8	KB z-da 8 im. Kalinina		Sverdlovsk, now Ekaterinburg	ARMS, later AERO	NKV (1941), MV (1947)	artillery systems and from 1947 surface to air missiles as OKB-8; now SMKB 'Novator'	Lul'ev, Sidorenko	1941-97	D35 (vol. 3/97, p. 68) J1 G13
10	KB		Podol'sk (Moscow obl.)	ATOM	MVD (1946)	part of Podol'sk mashinostroitel'nyi zavod; helped develop first industrial reactor for Ch-40; also called OKB 'Gidropress'	Sholkovich 1946	1946	C33 (p. 219) D49 (N2/96, p. 138)
10	KB-10 TsKB z-da 393		Krasnogorsk	ARMS	MOP (1965)	former TsKB KB-4 z-da 393 formed in 1956 and renamed KB-10 in 1962; reconnaissance satellite photographic equipment		1956-76	G1 H5
11	KB		Arzamas-16, now Sarov	ATOM	NKVD (1946), MSM (1965)	formed 4/46 as filial of lab. No.2 to develop nuclear bomb on site of z-d 550; from 1/67 VNIleksperimental'noi fiziki (VNIIEF)	Zernov 1946-51, (CD Khariton 1946-93), Alexandrov 1951-5, Muzrukov 1955-74, Ryabev 1974-8, Negin 1978-87, Belugin 1987-96, Il'kaev 1996-	1946-99	D14 (N9/94, p. 5) G7 C74 (p. 169)
11	KB-11 filial-1		Moscow	ATOM	MSM (1954)	NKAP z-d 25 redesignated 5/5/54 for nuclear bomb work; redesignated KB-25 c.1955 and c.1967 renamed NII avtomatiki	Dukhov 1954-64, Pavlov 1964-87, Barmakov 1987-	1954-99	D49 (N3/96, p. 87) C74 (p. 170)
11	KB z-da 11		Bogorodsk	MUNS	VSNKh (1930)	smokelaying equipment		1930	A2
12	KB z-da 12		Bogorodsk	MUNS	VSNKh (1930)	antigas equipment		1930	A2
13	KB z-da 13		Bryansk	ARMS	VSNKh (1930)	artillery parts		1930	A2
16	KB z-da 16		Kazan'	AERO	NKVD (1940)	rocket and diesel engine sharaga evacuated from z. 82; rocket sharaga became an OKB in 1941 and transferred to NKAP 7/44	Glushko 1940-1,	1940-1	C41 D1 (N9/97, p. 89)

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16	KB		Moscow	AERO	NKVD (1940)	reference to this KB being transferred into z-d 156 to join OTB of TsKB-39 in 9/40		1940	G26
17	KB		Moscow	AERO	NKVD (1940)	reference to this KB being transferred into z-d 156 to join OTB of TsKB-39 in 9/40		1940	G26
18	KB z-da 18		Voronezh	AERO	NKTP (1933), NKOP (1936), NKAP (1939)	opened 1932 and became OKB-31 in 1936	Kalinin 1934-6	1934-41	A7 C8 C41 C13
19	KB z-da 19		Molotov, now Perm,	AERO	NKTP (1934), NKOP (1936)	aeroengines formed 1933; 11/12/39 renamed PMKB (Permskoe motorostroitel'noe KB) an independent OKB; source C8 refers to an OKB in formed 1/4/34 F57	Shvetsov 1934-9	1934-9	C41 (p. 414) C8 (vol. 1, p. 429)
19	KB z-da 19		Pavshino	SHIP	VSNKh (1930)	naval optical equipment		1930	A2
21	KB		Leningrad, now St Petersburg	AERO	NKTP (1933), NKOP (1936)	also called OKB-21; built automatic systems for unmanned 'Gliding Torpedo' experiments; absorbed by Osklekhbyuro in 6/37 and transferred to z-d 379	Skobinsk	1933-7	C69 (pp. 9-16)
22	KB z-da 22		Moscow (Fili)	AERO	VSNKh(1930), NKTP (1933), NKOP (1936), NKAP (1939)	naval aircraft later bombers; evacuated 1941 to Kazan'	Bolkhovitinov 1934-36, Arkhangel'skii 19??-41, Petlyakov 1941	1930-41	A2 C8 C41 D26 (N11/97 and N12/97) E2
22	KB z-da 22		Kazan'	AERO	NKAP (1941)	evacuated from Fili 1941 and in 1944 became filial of z-d and OKB 156	Bolkhovitinov 1941, Petlyakov 1941-2, Putilov 1942-3, Myasishchev 1943-4	1941-4	A7 C8 C41
25	KB z-da 25		Moscow	AERO	VSNKh (1930)	aircraft		1930	A2
25	KB		Moscow	AERO	MSM (c.1955)	filial1 KB-11 located at former z-d 25 MAP redesignated KB-25 c.1955 and NII avtomatiki c.1967	Dukhov 1954-64, Pavlov 1964-87, Barmakov 1987-	1954-99	C74 (pp. 157, 170)
26	KB z-da 26		Rybinsk (Shcherbakov)	AERO	NKTP (1934), NKOP (1936), NKAP (1939)	Klimov appointed 1/4/34 head of aeroengine KB; source C8 suggests OKB z-da 26; evacuated 1941 to Ufa	Klimov 1934-41	1934-41	C41 C8 (vol. 1, p. 429)
26	KB z-da 26		Ufa	AERO	NKAP (1941) MAP (1945)	aeroengines; received evacuated Rybinsk KB; became an OKB by 1948	Klimov 1941-6	1941-6	C41
29	KB		Podlipki (renamed Kaliningrad 1938), now Korolev	AERO	NKOP (1938), NKAP (1939)	part of z. 289 and absorbed BOK 2/38; rocket and high altitude aircraft design and development; merged with OKB-Sukhoi 1940	Vakhmistrov 1931?-8 Chizhevsky 1938-39 Kashtanov 1939-40	1938-40	D26 (N10/92, N5/96)
30	KB-30 z-da 156		Moscow	AERO	NKAP (1939)	part of z. 156; opened 5/39 to develop IS folding wing fighter; also referred to as OKB-30	Shevchenko 1939-41?	1939-41	D26 (N6/96) D5 G26
30	KB NKB		Moscow	MUNS	NKB (1944)	munitions industry; at z-d 58		1944	D39 (27/1/44)
31	KB z-da 31		Taganrog	AERO	NKTP (1934), NKOP (1936), NKAP (1939)	seaplanes; also known as OKB MOS (cf) and TsKB MS; moved 1939 to z-d 288 and evacuated later that year	Beriev 1934-41, Chelverikov 1939-40	1934-41	C23 D26 (N6/96)
35	KB			ARMS	NKV (1943)	armaments KB	Gel'perin	1943	D39 (4/7/43)
37	KB z-da 37		Moscow	ARMOUR	VSNKh (1931), NKTP (1933), NKOP (1936), NKTankProm (1941)	light tank KB; zavod evacuated to Sverdlovsk 1941	Astrov	1931-41	C19 (pp. 161, 194, 200) C2 (p. 8)
39	KB z-da 39		Moscow	AERO	VSNKh (1930)	aerial smokelaying equipment; prototype aircraft production KB also formed 8/40 to facilitate start-up of series production of Pe-2	Petlyakov 1940-1	1930	A2
40	KB z-da 40		Kazan'	MUNS	VSNKh (1930)	smokeless and slow-burning gunpowder, special shells and explosives		1930	A2
42	KB z-da 42		Samara	MUNS	VSNKh (1930)	tubes		1930	A2
45	KB z- da 45		Sevastopol'	AERO	NKTP (1934), NKOP (1936)	seaplanes; transferred to z-d 31 in 1939 and then to z-d 30 in 1940; also referred to as OKB-45 (source C8)	Chelverikov 1934-9	1934-9	D31 (N1/97) G5 C8 (vol. 1, p. 422)
47	KB					see GSKB-47 F47			
50	KB z-da 50		Penza	MUNS	VSNKh (1930)	explosives		1930	A2
59	KB		Moscow	AERO	GKOT (1957)	KB-59 'Kompressor' noted as supplying launch equipment for R-7 ICBMs	Barmin VP	1957	C75 (p. 105)
60	KB z-da 60		Lugansk	MUNS	VSNKh (1930)	small arms ammunition		1930	A2

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70	KB		Moscow (Tushino)	AERO	NKAP (1940)	formed 1940 in z-d 81 with 70 engineers from z-d 1 (hence the designation!) to put the Yak-2 into production	Kurbala	1940	D11 (N4/96, p. 7)
75	KB z-da 75		Kharkov	ARMOUR	NKTankProm (1944), MTM (1945)	medium tank factory and KB opened 1944; later KB-KhZTM: 1958 Morozov KB transferred from Nizhnii Tagil'; now Kharkov KBM im. AA Morozova	Morozov, Sholin, Borisyuk	1944-95	C49 C87 C19 (pp. 335-341 and 387-8) C61
80	KB z-da 80		Nizhnii Novgorod, later Gor'kii	MUNS	VSNTKh (1930)	explosives, shells		1930	A2
81	KB z-da 81		Moscow (Tushino)	AERO	VSNTKh (1932), NKTP (1933), NKOP (1936), NKAP (1939)	aircraft prototypes; evacuated 1941; sometimes confused with OKB-81 of Khodynka	Putilov 1932(337)-7, Yatsenko 1937-41	1932-41	C41 G26 -1933
82	KB z-da 82		Moscow (Tushino)	AERO	NKVD (1938)	diesel aeroengine and also rocket sharaga sometimes referred to as OKB-82; both evacuated to Kazan' into z. 16	Charomsky 1938-41 Glushko 1939-40	1938-41	C8 D1 (N9/97, p. 89)
82	KB z-da 82		Moscow (Tushino)?	AERO		reference to KB z-da 82 Mosgorsovmarkoza; AA missile systems	Potopalov	1963	D46 (N5-6/99, pp. 18 and 28)
90	KB		Zhukovskii, Moscow obl.	AERO	MAP (1965)	rump of dissolved OKB-23; operated 1960-6 on design work for conversion of M-4 and 3M bombers into IFR tankers; in 1966 re-formed into the Myasishchev OKB (EMZ)		1960-6	D3 (No. 73)
92	KB z-da 92		Gor'kii, now Nizhne Novgorod	ARMS	NV (1941)	artillery KB; alternative name for SKB z-da 92?; became TsNII 'Burevestnik' in 1970	Grablin	1941-70	C57 (pp. 8, 45) G13
100	KB-100 (STO-100) of TsKB-29		Moscow	AERO	NKVD (1938)	part of TsKB-29 of NKVD first at Bolshevo then at Z. 156 till evacuated 1941 to z. 166	Petlyakov 1938-42 died 1942	1938-42	C8 D26 (N3/94)
102	KB-102 (STO-102) of TsKB-29		Moscow	AERO	NKVD (1938), NKAP (1939)	part of TsKB-29 of NKVD first at Bolshevo then at Z. 156 till evacuated 1941 to z. 166; to OKB-22 1943-44 and then OKB-482 in 1944 till absorbed by OKB-240 in 1946	Myasishchev 1938-	1938-43	C8 D26 (N3/94)
103	KB-103 (STO-103) of TsKB-29		Moscow	AERO	NKVD (1938), NKAP (1939)	part of TsKB-29 of NKVD first at Bolshevo then at z. 156 till evacuated 1941 to z. 166; returned to z. 156 as OKB-156 in 5/43	Tupolev 1938-43	1938-43	C8 D26 (N3/94)
110	KB-110 (STO-110) of TsKB-29		Moscow	AERO	NKVD (1938), NKAP (1939)	formed 1939 as part of TsKB-29 of NKVD but shortly after absorbed into KB-103	Tomashyevich 1939	1939	D26 (N3/94)
112	KB z-da 112		Gor'kii, now Nizhne Novgorod	SHIP	NKSP (1941), MSP (1945)	small naval vessels; post war submarines becoming SKB-112 in 1948 and TsKB-112 in 1953		1941-53	C83 (p. xvi) C63 (vol. 4, p. 495 vol. 5, p. 81)
	KB z-da 115		Moscow	AERO	VSNTKh (1934), NKOP (1936)	formed 15/1/34 as KB; later became OKB but source C8 states formed as OKB	Yakovlev	1934-84	C8 (vol. 1, p. 422) C17 (p. 11) G26
135	KB z-da 135		Kharkov	AERO	NKTP (1934), NKOP (1936)	this was from 1929 KhAZ OSS (ie civil KB and zavod) also called KhAZOS but by 1934 was part of NKTP; sometimes referred to as an OKB which it probably became c.1937; evacuated 1941 Molotov	Kalinin 1926-33, Grigorovich 1933-8, Neman 1936-8, Dubrovin 1939, Sukhoi 1939-40, Grushin 1940-1	1926-41	A3 C8 (p. 418) C41 D5
172	KB z-da 172		Molotov, now Perm,	ARMS	NKV (1939), MV (1945)	artillery KB; not to be confused with NKVD's sharaga OKB-172; from 12/55 became SKB-172 for solid fuel rocket engines	Petrov, Tsiur'nikov	1938-55	C11 D46 (N4/99, p. 32) G13
173	KB z-da 173		Kharkov	ARMOUR	MTM (1947), MOP (1965)	formed 1947 to develop high speed tracked and later amphibious tracked vehicles; also called KB KhTZ now part of the AO 'Kharkovskii Traktorny zavod im. Orzhonikidze'	Belousov	1947-98	D29 (N11-2/98)
174	KB z-da 174		Leningrad, now St Petersburg	ARMOUR	NKTankProm (1941)	tank KB; evacuated first to Chkalov 7/41 then to Omsk 2/42	Barykov	1939-42	C49 D29 (N1-2/98) F4 D30 C19 (p. 231, 454) D6
174	KB z-da 174		Omsk	ARMOUR	NKTankProm (1941), MTM (1945), MOP (1965)	evacuated tank KB from Leningrad; later GP KBTM (Omsk)	Kurakin c.1996	1941-96	C49 F4 D30 (N8/96, profile, p. 4) C19 (pp. 298, 302-7, 390)
183	KB z-da 183 (KB KhPZ)		Kharkov	ARMOUR	VSNTKh (1931), NKTP (1934), NKOP (1936), NKTankProm (1941)	tank KB created 1931 in former locomotive works; evacuated Nizhnii Tagil' 1941; also referred to as SKB-183	Aleksaenko, Firsov ?-1937, Koshkin 1937-41	1931-41	D31 F4 C19 (pp. 235-43) C61 (p. 4) C2 (p. 13)

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183	KB z-da 183		Nizhnii Tagil'	ARMOUR	NKTankProm (1941), MTM (1945), MOP (1965)	received evacuated KB from Kharkov; later KB-UVZ, Morozov KB transferred to z-d 75 in 1958 when KB here became KB Uralvagonzavod	Morozov 1941-49, Kartsev 1953-65, Venediktov 1965-?, Potkin	1941-95	A2 F4 C19 (p. 250, 295, 313, 317-21) C2 (p. 14) D6 (pp. 24-7)
185	KB z-da 185		Leningrad, now St Petersburg	ARMOUR	NKTP (1934), NKOP (1936)	KB opytново zavoda spetsial'novo mashinostroeniya im. Kirova; experimental tank KB but not the same as KB LKZ which was SKB-2; formed 1934	Barykov/Ginzburg	1931-41	C19 (pp. 196, 199, 256-9) C61 (p. 19) D6 (pp. 22-3)
189	KB z-da 189		Leningrad, now St Petersburg	SHIP	NKSP (1943), MSP (1946)	1943 reference to this KB (evacuated?) designing small warships; in 1946 together with some designers from TsKB-17 became TsKB-50	Bazilevskii	1943-6	C63 (vol. 4, p. 490, vol. 5, p. 67)
190	KB z-da 190 im. A.A.Zhdanova		Leningrad, now St Petersburg	SHIP	NKSP (1939)	small warships		1938-9	D46 (N79/98, p. 12)
194	KB z-da 194		Leningrad, now St Petersburg	SHIP	NKSP (1939)	warships; evacuated during siege? 1956-7 reference to designing riverboats	Zagaikovich	1939-57	C63 (vol. 4, pp. 384, 480, 504 vol. 5, p. 117)
196	KB z-da 196		Leningrad, now St Petersburg	SHIP	NKSP (1943)	small warships; evacuated?; 1943-5 reference		1943-5	C63 (vol. 4, p. 501)
232	KB z-da 232		Leningrad, now St Petersburg	ARMS	MV (1954)	artillery		1954	D46 (N3/97, p. 35)
235	KB z-da 235		Votkinsk	AERO	GKOT (1960)	also known as KB Volkinskogo MZ; rockets		1960	C69 (p. 91)
266	KB z-da 266		Kulomzino (Omsk)	AERO	NKAP (1941)	opened 10/41; misprint for z. 166?	Tomashevich	1941-2	C16
290	KB z-da 290		Lyubertsy	AERO	NKAP (1940)		Kamov	1940-1	G26
302	KB z-da 302		Kiev	SHIP	MSP (1954)	became TsKB-302 in 1954; fishing boats		1954	C63 (vol. 5, pp. 109-10)
340	KB z-da 340		Zelonodol'sk	SHIP	NKSP (1944)	1944-5 reference: small warships		1944-5	C63 (vol. 4, p. 509)
341	KB z-da 341		Rybinsk (Shcherbakov)	SHIP	MSP (1949)	1949 reference: small warships eg minesweepers; redesignated SKB-341 late 1949)		1949	C63 (vol. 5, p. 67)
342	KB z-da 342		Navashino	SHIP	MSP (1954)	1954 reference to designing ships to convey armoured vehicle; also called KB Navashinskogo sudostroitel'nogo z-da		1954	C63 (vol. 5, p. 98)
343	KB z-da 343		Gorokhovetsk (Vladimir obl.)	SHIP	NKSP (1942)	small warships		1942	C63 (vol. 4, p. 516)
363	KB z-da 363		Leningrad, now St Petersburg	SHIP	MSP (1949)	noted 1949 as designing minesweepers and designated TsKB-363 later that year		1949	C63 (vol. 5, p. 67)
370	KB z-da 370			SHIP	NKSP (1943)	1943 reference to this KB (evacuated from Leningrad?); small warships; later TsKB-370?	Matskevich	1943	C63 (vol. 4, p. 490)
556	Kb z-da 556		Novosibirsk	MUNS	NKB (1959)	1959 reference		1959	C55 (p. 159)
592	KB z-da 592		Mytishchi	ARMOUR	NKTankProm (1942)	armoured vehicle design		1942	C2 (p. 31)
639	KB z-da 639		Tyumen	SHIP	NKSP (1942)	small warships		1942	C63 (vol. 4, p. 494)
	BSPS		Leningrad, now St Petersburg	SHIP	VSNKh (1930)	Byuro spetsialnoe proektirovanie sudov at Severnaya verf' (z-d 190) formed 1930 but became TsKBS-1 in 1931		1930-1	C63 (vol. 4, p. 49)
	DKBA		Dolgoprudnyi (Vodniki)	AERO	MAP (1957)	Dolgoprudnskoe KB avtomatiki formed 1957 from dept.13 TsAGI; balloons, airships, seats and fire detection systems	Dementiev	1957-95	C5 (pp. 267-9)
38	GKB		Podlipki (renamed Kaliningrad 1938), now Korolev	ARMS	NKTP (1933), NKOP (1936)	Glavnoe KB-38; formed 1/33, situated close to z-d 8; facilities extended to Kurchevskii mid 1933-7	Grablin 1933	1933-6	D11 (N5/98, p. 17)
	GKB KM		Sverdlovsk, now Ekaterinburg	AERO	MAP (1965)	former SKB-203; Gos. KB Kompressornyi mashinostroeniya; AA missile systems; later became MKB 'Start'	Yashkin, Evtushenko	1965	D46 (N5-6/99, pp. 18 and 28)
	GNPP 'Bazal't'		Moscow	MUNS	GKOT (1938), NKB (1939), MOP (1965)	originated 1938 as SKB-47 from two subdivisions of z-d 67 for aircraft bombs; post war Minselkhozmash in nuclear industry and missiles; Moscow NII priborostroeniya- formed 4/58 as dept. pri GSKB-47 anti-tank grenades and other unguided weapons;	Kulakov 1938-50, Burakov 1950-1, Taldykin 1951-2, Bunin 1952-4, Kupchikhin 1954-9.	1938-98	A7 D29 (N11-12/94, pp. 56-7, N3-4/95, p. 37, N7-8/98, pp. 64-5) C33 (pp. 216, 234) D39 (28/11/42) D25 (14/9/96)

1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
						became GSKBP in 1966 and GNPP 'Bazal't' from 1991	Rukazenzov 1959-72, Kaverin 1972-82, Obukhov 1982-		D50 (N3/97, p. 38)
	GNPP 'Pribor'		Moscow	MUNS	NKB (1945), MOP (1965)	formed 1945; developed small calibre ammunition for automatic guns - up to 40mm; c.1966 became GNPP 'Pribor' munitions design bureau	Chizhevskii	1945-66	H1 (vol. 2, pp. 396-7, vol. 544-601)
2	GosKB-2			MUNS	NKB (1940s)			1940s	D50 (N3/97, p. 38)
	GosMKB 'Vypel'		Moscow (Tushino)	AERO	MOP (1955), MOBM (1965)	separated from KB-1 as SKB-30 in c.1955; air to air missiles and other weapon systems; based at z. 134; from 1982 Gos. mashinostroitel'nyi KB 'Vypel' & from 1992 part of Vypel MAK	Kisun'ko c.1955-?, Lyapin 1964-?, Sokolovsky	1955-97	C5 (p. 270) H1 (vol. 2, pp. 392-3) H3 (p. 182) G1
	GosSoyuz KB 'spets mash' (GSKB spetsmash)		Moscow	AERO	NKV (1946), MOBM (1965)	formed 6/41 as SKB-733 of Moscow 'Kompessor' zavod 733; ground launch complexes for unguided rocket launchers; in 5/46 became GSKB spetsmash (or GSpetsKB) p/ya 3094; from 1/67 renamed KB obshchego mashinostroyeniye (KBOM)	V.Barmin 1941-67	1941-67	A7 D1 (N3-4/97, pp. 81-3) D29 (N9-10/94, pp. 26-7) D25 (24/5/97) G1
	GosSoyuz KB		Moscow	AERO		missile launch equipment		1958-9	A7
47	GSKB (Gos. Soyuznoe KB-47)		Moscow	MUNS	GKOT (1938), NKB (1939), MB (1945), MOP (1965)	formed 1938 for bombs from 2 subdivisions of z-d 67; postwar Minselkhoz mash in nuclear industry and missiles; Moscow NII priborostroeniya formed 4/58 as dept. GSKB-47 for anti-tank grenades; also called SKB-47; GSKBP in 1966; 1991 Moscow GNPP 'Bazal't'	Kulakov 1938-50, Burakov 1950-1, Taldykin 1951-2, Bunin 1952-4, Kupchikhin 1954-9, Rukazenzov 1959-72, Kaverin 1972-82, Obukhov 1982-	1938-98	A7 D29 (N11-12/94, pp. 56-7, N3-4/95, p. 37, N7-8/98, pp. 64-5) C33 (pp. 216, 234) D39 (28/11/42) D25 (14/9/96) D50 (N3/97, p. 38) D51 (N9/98, p. 25) H1 (vol. 7, pp. 348-429)
						GSKB-47 was also known as SKB-47 and the main enterprise merged with NII-24 in 5/69 to become NII PGM and in 1973 started on guided bombs		1969-99	D29 (N5-6/99)
398	GSKB		Moscow	AERO		aviavystrel, aerial gunnery		1958-9	A7
	GSKB		Moscow	AERO	MV (1948), MOBM (1965)	formed 10/8/48 as GSKB and now runs the Plesetsk and Svorbodny Cosmodromes; transport engineering design bureau for ground equipment for space complexes and sea launched missiles; renamed KBTM 1964	Petrov 1948-63, Solovev 1963-92, Biryukov 1992-	1948-98	D1 (N9/97, p. 44) H1 (vol. 6) G1
	GSKBP		Moscow	MUNS		former department of GSKB-47 (SKB-47) from 1966 redesignated GSKBP and now GNPP 'Bazal't'	Rukazenzov 1959-72, Kaverin 1972-82, Obukhov 1982-	1966-98	D25 (14/9/96 and 20/5/98)
5	GSKTB		Leningrad, now St Petersburg	OTHER		pyrotechnics; sometimes referred to as SKB-5		1958-9	A7
	KB			ARMOUR	NKOP (1936)	Spetsmashrest	Taubin	1936	A4
	KB-Z		Leningrad, now St Petersburg	ARMOUR	MOP (1968)	what was originally SKB-2 was renamed OKBT on 1/12/51 and KB-Z in 1968; tank and later transport design bureau of Leningradskii Kirovskii Zavod; from 1991 SKB-'Transmash'	Popov 1968-91	1968-91	D35 (vol. 3/97, p. 50, 68)
	KB 'Ametist'		Moscow	SHIP	MSP (1950), MSP (1989)	shipborne and self propelled coastal artillery control complexes; originally established in 1950 at Moscow Topaz plant as KB z-da 'Topaz'	Shunayev, Ermolov	1950-97	D29 (N5-6/97, p. 75, N9-10/98) H1 (vol. 3) C74 (p. 388)
	KB 'Allaiskogo TZ'			ARMOUR	MOP (1965)	armoured vehicle KB		1965	C19 (p. 120)
	KB 'Armatura'		Kovrov (Vladimirskaia obl.)	AERO	MOBM (1965)	former OKB z-da 2 which had switched in 1960 from hand held arms development to rocket and space technology now called KB 'Armatura'	Arzumanov	1956-98	G1
	KB 'Arsenal' im. MV Frunze		Leningrad, now St Petersburg	ARMS	MV (1949), MOBM (1965)	former TSKB-7 originally formed 1949 for artillery parts renamed 1958 when started to develop solid fuel missiles; full name now St Petersburg KB PO Arsenal im. MV Frunze and main activity is on spacecraft; from 1994 a holding company with 8 enterprises	Valov, Poletaev 1995-	1949-97	D1 (N9-10, pp. 54-5) H1 (vol. 3) G1
	KB 'Avtomaticheskii liniy' im. LI Koshkina		Klimovsk (Moscow obl.)	MUNS	NKB (1944), MB (1945), MOP (1965), MOBM (1968)	formed 1944 to develop cartridge technology, design of equipment and production techniques; in 1994 became the Koshkin Transfer Line Design Bureau JSC	Koshkin 1944-89, Bystrov 1996-	1944-95	H1 (vol. 7, p. 30)

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	KB 'Baltzavoda Sudotrests'a'		Leningrad, now St Petersburg	SHIP	VSNKh (1930)	waterfront equipment		1930	A2
	KB 'Bryanskogo zavoda'		Bryansk	ARMOUR	MOP (1965)	armoured vehicle KB		1964	C19 (p. 117)
	KB Chelyabinskogo Traktornogo Zavoda (KB ChTZ)		Chelyabinsk	ARMOUR	MTM (1957), GKOT (1958), MOP (1965)	reference to KB ChTZ designing tanks 1957-62 and in 1966 developed the BMP-1 infantry combat vehicle: reference 1996 to involvement with tank engines as Chelyabinsk TZ JSC see SKB-75	Isakov, Troitsky dir. c.1996	1957-98	D29 (N5-6/96, p. 108, N11-12/96) C19 (p. 435, 442-8)
	KB ChKZ		Chelyabinsk	ARMOUR	NKTankProm (1941), MTM (1945)	OKB-2 when evacuated to Chelyabinsk 1941-6 often referred to by this designation	Kotin 1941-6	1941-50	C19 (pp. 256-9, 416-22, 425-7, 442-8) C3 (p. 5, 12)
	KB 'Elektrozavoda'		Moscow	ELEC	VSNKh (1930)	electrical equipment		1930	A2
	KB GAZ im. V.M.Molotova		Gor'kii, now Nizhnii Novgorod	ARMOUR	NKTankProm (1941), MTM (1945), MOP (1965)	armoured vehicle KB	Astrov, Mosyagin, Dedkov, Masyagin	1941-94	C19 (pp. 40, 53, 104-11 and 113-4) D46 (N9/98, p. 9)
	KB 'Gorizont'		Gor'kii, now Nizhne Novgorod	ELEC	MRP (1965)	former OKB z-da 1977; for radar equipment: now NN KB 'Gorizont'		1958-98	F2 A7
	KB im. AF Kravtsova'		Nizhnii Tagil'	ARMOUR	MTM (1950)	armoured vehicle KB became KB UVZ in 1953		1950-3	C19 (p. 55) D6 (p. 26)
	KB im. V.F.Petrova		Sverdlovsk, now Ekaterinburg	ARMS	MOP (1989)	developed anti-tank and other guns: former OKB z-da 9 later AO 'Spelstekhnika' and now KB im VF Petrova, GosUP 'zavod 9', Ekaterinburg	Petrov	1994-7	D29 (N5-6/94, p. 72, N11-2/97, p. 106)
	KB IV SA			OTHER		KB inzhenernykh voisk Sovetskoi Armii: 1942 reference		1942	D46 (N4/99, p. 21)
	KB 'Khar'kovskogo PZ' im. Kominterna		Khar'kov	ARMOUR	NKTO (1933), NKOP (1936), NKTankProm (1941)	KB of tank plant z-d 183 im. Komonterna which had been built on site of locomotive works: also called KB z-da 183 and SKB-183; evacuated in 1941 Nizhnii Tagil'	Koshkin 1937-40, Morozov 1940-1	1937-41	C19 (pp. 168-76, 203, 237, 277) D6 (pp. 22-5)
	KB 'Khar'kovskogo TZ' im. Ordzhonikidze		Khar'kov	ARMOUR	MTM (1947), MOP (1965)	armoured vehicle and tractor KB formed 1947	Belousov c. 1960	1964-77	C19 (pp. 95, 473)
	KB 'Khimavtomatiki'		Voronezh	AERO	MV (1945), MOBM (1965)	former OKB-154 and OKB-296; liquid fuel rocket engines eg for Proton, Buran	Kosberg 1946-65, Rashuk	1997	H1 (vol. 6) H3 (p. 215)
	KB KhM im. AM Isaeva		Korolev	AERO	MOBM (1965)	Konstruktorskoe byuro khimicheskogo mashinosroeniya im. AM Isaeva; formed as OKB-2 NII-88 4/50 renamed OKB-2 GKOT 1956 and from 1965 KB KhM; developed thje 'Ikar' propulsion system for spacecraft in use from 1981.	Isaev 1965-71, Bogomolov 1971-89, Leon'tev 1989-	1950-98	H1 (vol. 6) G1
	KB KhTZ		Khar'kov	ARMOUR	MOP (1965)	KB of Khar'kovskii Traktorny Zavod (z-d 173); built the MT-LB tank transporter		1965	C19 (p. 95)
	KB KhZTM		Khar'kov	ARMOUR	MTM (1947), MOP (1965)	tank KB of post war z-d 75; later KB KhZTM later still KBM im. AA Morozova and now KhKBM	Morozov, Shomin, Borisyuk	1955-98	D29 (N7-8/98, pp. 68-70) C19 (pp. 322-41)
	KB KMZ		Kurgan	ARMOUR	MOP (1968)	armoured vehicle KB; also called KB 'Kurgansko z-da' and Special Machine-building Design Bureau	Blagonravov	1968-96	D29 (N5-6/96) C19 (pp. 116-7, 138-146)
	KB Kovrov AO 'Zavod im. VA Degtyareva'		Kovrov (Vladimirskaia obl.)	ARMS	MOP (1965)	former OKB-575; small arms and aviation armament: now KB Kovrov AO 'Zavod im. VA Degtyareva'	Geglyarev, Shpagin, Simonov, Vladimirov, Goryukov, Voronkov	1958-98	F2 A7
	KB 'Kuntsevo'		Kuntsevo (Moscow obl.)	ELEC	MRP (1989)	anti-aircraft radar systems and facilities: current name		1995	H1 (vol. 5, pp. 532-3)
	KB 'Kurgansko go z-da'		Kurgan	ARMOUR	MOP (1968)	armoured vehicle KB; also called KB KMZ and Special Machine-building Design Bureau	Blagonravov	1968-96	D29 (N5-6/96) C19 (pp. 116-7, 138-146)

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	KB LEMZ		Lianozovo (Moscow obl.)	ELEC	MRP (1965)	radar ; KB Lianozovskii elektromekhanicheskii zavod (LEMZ) created 1935; from c.1967 KB 'Lira and from c.1972 part of NPO 'Utes'		1935-72	D35 (vol. 3/97, pp. 42, 68)
	KB 'Leningradskii severnyi zavod'		Leningrad, now St Petersburg	AERO	MAP (c.1950)	opened postwar as filial OKB z-da 115; later OKB z-da 272 and then KB Leningradskii severnyi zavod'; aircraft and helicopters later missiles		1955	D43 (N3-4/97, p. 30)
	KB 'Lira'		Lianozovo (Moscow obl.)	ELEC	MRP (1965)	radar ; KB Lianozovskii elektromekhanicheskii zavod (LEMZ) created 1935; from c.1972 part of NPO 'Utes'		1935-72	D35 (vol. 3/97, pp. 42, 68)
	KB LKZ		Leningrad, now St Petersburg	ARMOUR	NKTankProm (1941), MTM (1948)	SKB-2 before evacuation to Chelyabinsk 1941-6 and also F134after returning to Leningrad was often referred to by this designation	Kotin 1937-41, 1946-51	1940-1 and 1948-58	C19 (pp. 162, 399, 400, 402-16)
	KB 'mashinostroeniya' (KBM)		Kolomna	ARMS	MOP (1965)	originated 6/42 in z-d 4 as SKB GA for smooth bore artillery development later also portable missile systems, plya 101; renamed KBM 1962 now Kolomna Konstruktorskoe Byuro Mashinostoeniya	Nepobedimy 1965- , Gushchin		D29 (N5/94, p. 99) D25 (20/7/95) H1 (vol. 6, p. 170)
	KB mashinostroeniya im. V.P.Makeeva		Miass	AERO	MOBM (1965)	established out of OKB-1, NII-88, in 1949 as SKB-385 for naval missiles at Chelyabinsk and moved to Miass in 1957; renamed 1965 and now GRTs 'KB im. Ak. VP Makeeva'	Makeev 1949-85, Velichko	1946-95	D26 (N11/93) D2 (18/4/93) G1
	KB 'Molniya'		Moscow (Tushino)	AERO	MAP (1976)	former KB da z-da 82; in 1976 merged with MKB Brevestnik and others to become NPO Moscow KB 'Molniya' to work on 'Buran'	Lozino-Lozinskii 1976-	1976	C41 (p. 372) C5 (p. 264) G1
	KB 'Mosk. Oboz. Str. z-da TsUPVOZ A'		Moscow	OTHER	VSNKh (1930)	field kitchens, etc.		1930	A2
	KB Moskovskogo Avtomob. ZIS		Moscow	ARMOUR	NKTankProm (1941)	KB Moskovskogo avtomobil'nogo z-da im. Stalina also called KB ZIS; reference to designing 82mm mortar in 1941		1941	D35 (vol. 2, p. 8)
	KB 'Motor'		Moscow	AERO?	MOBM (1965)	formed 1961 to design ground support transportation equipment for space projects	Stepanov	1961-98	G1 C75 (p. 167)
	KB 'Navashinskogo sudostroitel'nogo z-da'		Navashino	SHIP	MSP (1960)	noted as involved in design of heavy 'pontoon'; also referred to as KB z-da 342		1960	C63 (vol. 5, p. 211)
	KB NKMZ		Novokramatorsk	AERO		KB Novokramatorskii mashinostroitel'nyi zavod was involved in 1960s in designing special vehicles for transporting mobile ICBMs		1960s	C75 (pp. 3, 263)
	KB OAZ		Omsk	AERO	MOBM (1965)	filial 1 of SKB-586 renamed KB OAZ in 1965 now called KB PO 'Polyot'	Ilyin	1965-98	G1
	KB 'Petrozavoda'		Leningrad, now St Petersburg	MUNS	VSNKh (1930)	shells		1930	A2
	KB 'Priborostroeniya' ie KBP		Tula	ARMS	VSNKh (1927), NKTP (1933), NKOP (1936), NKV (1939), MV (1945), MOP (1965)	formed 1927 as the Small Arms Design Bureau of the Tula ordnance plant for the design and development of automatic guns; post war anti-tank missiles and later all types of precision guided weapons; 1992 merged with TsKIB SOO; now part of NPO 'Tochnost'	Shipunov 1962-	1927-95	D29 (N3-4/95, pp. 10-13, N11-2/97, pp. 94-9) D16 (N1/97, p. 19) H1 (vol. 7, p. 208) D35 (vol. 1/97, p. 19)
	KB radiopriborov			ELEC		radio devices; became part of TsNPK 'Vypel' in 1968	Bubnov	1968	G9
	KB 'Salyut'		Fili	AERO	MOBM (1965)	originated as OKB z-da 23 which became filial 1 OKB-52 in 1960 later KB 'Salyut' da z-d im. MV Khrushcheva; missiles and spacecraft	Olevanov	1960-95	C41 H1 (vol. 6)
	KB 'Severnoi verfi'		Leningrad, now St Petersburg	SHIP	VSNKH (1927)	later known as KB z-da 190 im.A.A.Zhdanova		1927-30	C63 (vol. 4, p. 76)
	KB 'Soyuzmorprouk'		Leningrad, now St Petersburg	SHIP	MSP (1946)	formed 1932 but designated TsKB-54 in 1946; naval radio equipment, hydroacoustic systems; now St p.KB 'Soyuzmorprouk'		1946-97	A7 D45 (N2/97, p. 53-55)

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	KB 'Spetsial'no go mashinostr oeniya' (KBSM)		Leningrad, now St Petersburg	SHIP later AERO	NKSP (1945), MSP (1945), MOP (1965)	naval gun and rocket armament: created 1945 as TsKB-34 but renamed KBSM 2/60 on absorbing OKB-172 and switching to missile launchers and silos; also called KB sredstv mekhanizatsii: now St p.KB spetsial'nogo mashinostroeniya	Ulkin, Rudniak	1945-93	A7 C34 (p. 1) D44 (31/10/91) D61 (N2/93, p. 301) C83 (vol. 3/97, p. 8)
	KB 'sredstv mekhanizatsii'		Leningrad, now St Petersburg	ARMS	NKAP (1941),	established 1937 as OKB pri upr. of NKVD for Leningrad okrug; 1939-40 Osoboe tekhn byuro; c.1941 made OKB-172; either closed 1953 or joined TsKB-34 1960 becoming KB sredstv mekhanizatsii Leningrad for missiles	Ivanov	1941-60	D51 (N1/94, p. 17 and N11/96, pp. 16-18)
	KB 'Trest Slabykh Tokov'		Leningrad, now St Petersburg	ARMS	VSNKh (1930)	artillery fire control systems		1930	A2
	KB 'Tul'skogo z-da elektroelementov'		Tula	ELEC		later became NII 'Strela'; radar for army weapons		1980	C74 (p. 452)
	KB 'Ural'skogo z-da Transmash'		Sverdlovsk, now Ekaterinburg	ARMOUR	MTM (1949)	1937 artillery reference: armoured vehicles reference in 1949		1949	C19 (p. 54) G13
	KB UVZ		Nizhnii Tagil'	ARMOUR	MOP (1965)	KB z-da 183 was given the name KB 'Uralvagonzavod' although both names were used concurrently for some time	Kartsev 1953-69, Venediktov 1969-?, Potkin	1958-95	C19 (pp. 295, 391)
	KB VT		Moscow (Khodynka)	AERO	OGPU (1930)	Vnutrennaya Tyurma, internal prison; formed 2/30 in hangar 7 at z-d 39 to expedite fighter designs; after success of I-5 merged with TsKB, VAO in 9/30	Grigorovich 1930, Polikarpov 1930	1930	C8 E2
	KB YaAZ		Yaroslavl'	ARMOUR		KB Yaroslavl' avtomobil'nyi zavod designed vehicles to transport missile complexes 1947-63		1947-63	C75 (pp. 257-8)
	KB Yu		Dnepropetrovsk	AERO	MV (1945), E265MOBm (1965)	created 1946 as OKB-586, from 1954 SKB-586: rocket design bureau; p'lya 203; from 1966 Dnepropetrovsk KB 'Yuzhnoe'; now Derzhavne KB 'Pivdenne' im. MK Yangelya (in Ukrainian) abbreviated to KB Yu	Yangel 1954-71 Ulkin 1971-90, Konyukhov 1990-	1946-97	A7 D25 (26/4/95) D41 (14/1/97) D1 (N9/97, pp. 46-7) D50 (N5/95, p. 51) G1 D41 (14/1/97)
	KB Yu, KB-2		Dnepropetrovsk	AERO		formed 1967 for development of missile construction documentation			G1
	KB Yu, KB-3		Dnepropetrovsk	AERO		formed 1965 to develop satellites			G1
	KB Yu, KB-4		Dnepropetrovsk	AERO		engine design			G1
	KB Yu, KB-5		Dnepropetrovsk	AERO		formed 1968 to develop instruments and drives for missiles			G1
	KB Yu, KB-8		Dnepropetrovsk	AERO		formed 1968 to develop tractors to haul missiles			G1
	KB z-da 23		Leningrad, now St Petersburg	AERO	NKAP (1939)	also called OPO-23; unmanned flying bombs		1939-40	C69 (pp. 14-15)
	KB z-da 'AMO'		Moscow	ARMOUR	VSNKh (1930)	vehicles		1930	A2
	KB z-da 'Armaturnaya Fabrika'		Moscow	ELEC	VSNKh (1930)	electrical equipment		1930	A2
	KB z-da 'Aviapribor'		Moscow	AERO	VSNKh (1930)	precision mechanisms, air navigation equipment; later KB z-da 212		1930	A2
	KB z-da 'Barrikady'		Stalingrad, now Volgograd	ARMS	VSNKh (1935), NKV (1939)	reference to designing 14" guns; later also called KB z-da 221	Sergeev	1935-40	D46 (N3/97, p. 20)
	KB z-da 'Bol'shevik'		Leningrad, now St Petersburg	ARMS	VSNKh (1930)	artillery, tanks and tractors; later KB z-da 232; tank design bureau was OKMO 1931-3	Vilkost	1930-2	A2 C19 (pp. 396-7) D35 (vol. 3/97, p. 47) D46 (N3/97, p. 22)
	KB z-da 'Chelyabinskii'		Chelyabinsk	ARMOUR	VSNKh (1930)	later became F169KB of Chelyabinskii Traktornyi zavod; tractors later tanks see also KB ChTZ		1930	A2
	KB z-da 'Dinamo'		Moscow	ELEC	VSNKh (1930)	electrical equipment, aluminium lite		1930	A2
	KB z-da 'Dvigatel'		Leningrad, now St Petersburg	SHIP	VSNKh (1930)	torpedoes; later KB z-da 181?		1930	A2
	KB z-da 'Elektrik'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	electrical equipment		1930	A2
	KB z-da 'Elektropribor'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	listening devices		1930	A2

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	KB z-da 'Elektrosila'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	electrical equipment		1930	A2
	KB z-da 'Geofizika'		Moscow	AERO	VSNKh (1930)	precision mechanisms, air navigation equipment; see TsKB-589 and TsKB 'Geofizika'		1930	A2 G1
	KB z-da 'GET'a'		Khar'kov	MUNS	VSNKh (1930)	mines, bombs, cartridges		1930	A2
	KB z-da 'Gosudarstvennyi opticheski'		Leningrad, now St Petersburg	OTHER	VSNKh (1930)	optical equipment		1930-9	A2 C63 (vol. 4, p. 268)
	KB z-da im. 'K. Libknekhta'		Leningrad, now St Petersburg	MUNS	VSNKh (1930)	shells, mines: KB of zavod 'Karl Kiebnich' ie KB z-da 77, MV		1930	A2 C71
	KB z-da im. 'K. Marksa'		Leningrad, now St Petersburg	MUNS	VSNKh (1930)	mines, bombs, cartridges		1930	A2
	KB z-da 'im. Kalinina 8'		Mytishchi	ARMS	VSNKh (1930)	artillery; later KB z-da 8; plant was midway between Mytishchi and Podlipki/Kaliningrad		1930	A2
	KB z-da im. 'Kazil'skogo'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	radio equipment		1930	A2
	KB z-da im. 'Komintern a'		Leningrad, now St Petersburg	ARMOUR	VSNKh (1930)	cathode tubes, tanks and tractors, hydroacoustics; later tank design bureau became KB z-da 174		1930	A2
	KB z-da im. 'Kulakova'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	telegraph equipment; later became KB z-da 209		1930	A2
	KB z-da 'im. Marti'		Nikolaev	MUNS	VSNKh (1930)	mines, bombs, cartridges: KB of what was later called z-d 198		1930	A2
	KB z-da 'Instrument ayni 2'		Kovrov (Vladimirskaia obl.)	ARMS	VSNKh (1930)	small arms; later KB-2 (KB zavoda 2)		1930	A2
	KB z-da 'Izhorski'		Kolpino (Leningrad obl.)	ARMOUR	VSNKh (1930), NKOP (1937)	armour steel, diesel fuel, armoured cars		1930	A2 C2 (pp. 27-8)
	KB z-da 'Khar'kovskii Elektrotech'		Khar'kov	ELEC	VSNKh (1930)	electrical equipment; noted 1939 as supplier of instruments for naval guns		1930-9	A2 C63 (vol. 4, p. 269)
	KB z-da 'Khimstroino. 2'		Moscow	OTHER	VSNKh (1930)	gas		1930	A2
	KB z-da 'Koksobenzol'		Khar'kov	MUNS	VSNKh (1930)	explosives		1930	A2
	KB z-da 'Kolomenskoe'		Kolomna	ARMOUR	VSNKh (1930)	diesel engines; later KB of zavod 38		1930	A2
	KB z-da 'Krasnaya Zarya'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	electrical and telecoms equipment		1930	A2
	KB z-da 'Krasnoe Sormovo'		Sormovo	ARMS	VSNKh (1930)	artillery; later KB z-da 112		1930	A2 C63 (vol. 4, p. 361)
	KB z-da 'Krasnye Barrikady'		Stalingrad, now Volgograd	ARMS	VSNKh (1930)	artillery; later became OKB z-da 221		1930	A2
	KB z-da 'Krasnyi Putilovets'		Leningrad, now St Petersburg	ARMS	VSNKh (1930)	artillery; z-d renamed im. Kirova in 1934 and its artillery KB later became SKB-4		1930	A2 C60 (p. 359)
	KB z-da 'Krasnyi Vodnik'		Leningrad, now St Petersburg	OTHER	VSNKh (1930)	protective clothing, antigas equipment		1930	A2
	KB z-da 'Leitnanta Shmidta'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	electrical equipment		1930	A2
	KB z-da 'Leningradskii Metallicheski'		Leningrad, now St Petersburg	ARMS	VSNKh (1927)	artillery parts; often referred to as KB LMZ		1927-39	A2 D46 (N3/97, p. 26) C63 (vol. 4, p. 268)
	KB z-da 'Lenmashtrest'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	electrical equipment		1930	A2
	KB z-da 'Lysvenski'		Lys'va	MUNS	VSNKh (1930)	small arms ammunition, artillery parts, bombs, explosives, etc.		1930	A2

1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
	KB z-da 'Maryupol'ski'		Maryupol'	MUNS	VSNKh (1930)	mines		1930	A2
	KB z-da 'Moskovskii Kabel'		Moscow	ELEC	VSNKh (1930)	cables		1930	A2
	KB z-da 'Moskvoshve'		Moscow	OTHER	VSNKh (1930)	uniforms		1930	A2
	KB z-da 'Mostyazhart'		Moscow	AERO	VSNKh (1930)	smokelaying equipment, antigas equipment, bombs and bombsights		1930	A2
	KB z-da 'Motovilkhinski'		Molotov, now Perm'	ARMS	VSNKh (1930)	artillery, shells; later KB z-da 172		1930	A2
	KB z-da 'Nizhegorodskii'		Nizhnii Novgorod, later Gor'kii	ARMOUR	VSNKh (1930)	vehicles; later KB GAZ		1930	A2
	KB z-da 'Progress'		Leningrad, now St Petersburg	MUNS	VSNKh (1930)	explosives, tubes: noted in 1939 as making instruments for naval guns		1930-9	A2 C63 (vol. 4, p. 269)
	KB z-da 'Proletarii'		Moscow	ARMS	VSNKh (1930)	harness and kit		1930	A2
	KB z-da 'Rabochii Metallisticheskii'		Kostroma	AERO	VSNKh (1930)	aircraft parts		1930	A2
	KB z-da 'Sevkabel'		Leningrad, now St Petersburg	ELEC	VSNKh (1930)	cables		1930	A2
	KB z-da 'Stalingradskii'		Stalingrad, now Volgograd	ARMOUR	VSNKh (1930)	tanks and tractors: later called KB STZ: closed or evacuated in WW2; reopened post war and subsequently renamed KB Volgogradskogo traktornogo zavoda		1930-5	A2 C61 (p. 20)
	KB z-da 'Starikramatorskii'			OTHER		noted as making instruments for naval guns		1939	C63 (vol. 4, p. 269)
	KB z-da 'TOMP'		Leningrad, now St Petersburg	OTHER	VSNKh (1930)	optical equipment		1930	A2
	KB z-da 'Tul'skii Oruzheinyi'		Tula	ARMS	VSNKh (1930)	small arms	F.V.Tokarev	1930	A2
	KB z-da 'Tul'skii Patronnyi'		Tula	MUNS	VSNKh (1930)	small arms ammunition, artillery parts		1930	A2
	KB z-da 'Ukr. Vzryv.'		Petroven'ki	MUNS	VSNKh (1930)	explosives		1930	A2
	KB z-da 'Uralltransmash'		Sverdlovsk, now Ekaterinburg	ARMOUR	MOP (1989)	armoured vehicles eg SP artillery	Tomashov c.1996	1996	D29 (N11-12/96)
	KB z-da 'Volgogradskogo traktornogo zavoda'		Volgograd	ARMOUR	MOP (1989)	former Stalingradskii traktornyi zavod; armoured vehicles and tractor KB: by 1990 called SKB-VTZ (V=Volgograd)	Gavalov	1964-90	C19 (pp. 100, 118-9, 150-4)
	KB z-da 'Vsekompronsoyuz'		Moscow	AERO	VSNKh (1930)	parachutes		1930	A2
	KB z-da 'Yaroslavskii GOMZY'		Yaroslavl'	ARMS	VSNKh (1930)	gas projectors, mortars, vehicles		1930	A2
	KB z-da 'Yugostali'		Dnepropetrovsk	OTHER	VSNKh (1930)	chemical warfare equipment		1930	A2
	KB z-da 'Zlatoustovskii'		Zlatoust	MUNS	VSNKh (1930)	shells		1930	A2
	KB ZIS later KB ZIL		Moscow	ARMOUR	MTM (1950), MOP (1965)	armoured vehicles and truck KB zavoda im. Stalina; from 11/53 called KB zavoda im. Likatseva later SKB ZIL	Orlov	1950-65	C19 (pp. 63-70) D46 (N4/99, pp. 2-11)
	KBEM		Khimki	AERO	MOBM (1965)	former OKB-456 renamed on transfer to MOBM in 1965: liquid fuel rocket engines: together with opytnyi z-d renamed NPO 'Energia' but split off as Energomash NPO in 1989	Glushko 1965-74, Radovskii 1974-91, Katorgin 1991-	1965-98	G1

1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
	KBKhA		Voronezh	AERO	MOBM (1965)	KB khimavtomatiki; originally OKB-296, Berdsk but from 5/46 OKB-154 and moved to Voronezh; aeroengine fuel injectors and from 1954 liquid fuel and nuclear rocket motors and later space lasers; from 1965 called KB Khimavtomatiki (KBKhA)	Konopatov 1965-93, Rachuk 1993-	1965-98	D65 (N5/98, p. 10) G1
	KBM im. AA Morozova		Khar'kov	ARMOUR	MOP (1965)	tank KB of post war z-d 75; later KB KhZTM later still KBM im. AA Morozova	Morozov, Shomin	1960-95	C19 (pp. 322-41)
	KBOM		Leningrad, now St Petersburg	ARMOUR	MTM (1945)	KB po obshchemu mashinostroeniyu; formed in c. 1945 to help newly reformed LKZ to cope with the design of new products other than armoured vehicles	Kashperskii	c. 1945	C60 (p. 217)
	KBOM		Moscow	ARMS, later AERO	NKVM (1942), MV (1945), MOBM (1965)	rocket launcher SKB of 'Kompressor' z-d 733 formed 6/41; became GSKB spetsmash for missile systems 5/46; plya 3094; from 1/67 KB obshchego mashinostroeniya (KBOM)	VP Barmin 1941-93, IV Barmin 1993-	1941-97	D1 (N3-4/97, pp. 81-3) D29 (N9-10/94, pp. 26-7) D25 (14/5/97) H1 (vol. 6) G1 D64 (vol. 6, pp. 648-9)
	KBP Gor'kovskoe		Gor'kii, later Nizhnii Novgorod	SHIP	MSP (c. 1980)	noted as involved in the development of large hovercraft		c. 1980	C63 (vol. 5, p. 358)
1	KBPM		Krasnoyarsk-26, now Zheleznogorsk	AERO	MOBM (1965)	formed 1959 at z-d 1001; space vehicles for communications, navigation etc; became independent in 12/61 as OKB-10 and renamed KBPM on transfer to MOBM; now NPO Prikladnoi Mekhaniki (NPO PM)	Reshetnev 1959-96, Kozlov 1996-	1959-94	D29 (N9-10/94, pp. 24-5) G1
	KBR		Zhukovskii, Moscow obl.	ELEC	MRT (1954), MRP (1965)	radio engineering design bureau former OKB-15 and from c.1965 NIIP; merged with NIIR in 1969 to become NPO Fazotron	Figurovskii 1962-9	1954-97	D1 (N3-4/97, p. 79) D29 (N9-10/97, p. 67)
	KBSM		Leningrad, now St Petersburg	AERO	MOBM (1966)	originated 5/44 as Leningrad filial of TsAKB; formed when OKB-172 and TsKB-34 merged to design missile launchers and silos in 2/60; now St p.KB spetsial'nogo mashinostroeniya (KBSM)	Rudyak 1977-1991	1960-90	C34 (p. 1) G1
						alternative story- originated as Leningrad filial of TsAKB 5/44; renamed TsKB-34 in c.1956 and KBSM c.1966		1944-66	D35 (vol. 3/97, p. 68) G1
	KBTkM or KB TKhM		Moscow	ELEC, later AERO	NKVM (1943), MV (1945), MOBM (1965)	formed 1943 as the Union Project Bureau for Armature and Anti-fire equipment; from 1954 worked on systems and equipment for missile complexes especially for the fuelling of rockets; current name KB transportno-khimicheskogo mashinostroeniya from 1965	Slepanov	1943-98	G1
	KBTM		Moscow	AERO	MV (1948), MOBM (1965)	'KB transportnogo mashinostroeniya' formed 10/8/48 as GSKB and now runs the Plesetsk and Svorobodny Cosmodromes; transport engineering design bureau for ground equipment for space complexes and sea launched missiles; renamed KBTM 1964	Petrov 1948-63, Solovev 1963-92, Biryukov 1992-	1948-98	D1 (N9/97, p. 44) H1 (vol. 6) G1
	KBTM		Omsk	ARMOUR	MOP (1965)	second use of this acronym; former KB z-da 174 renamed c.1962; GosP KBTM for tanks and other armoured vehicles	Kurakin	1962-98	D29 (N3-4/98, p. 41) C19 (pp. 298, 302-7, 390)
	KBTM		Moscow	ARMS		KB tochnogo mashinostroeniya yet another use of this acronym 1960 in reference to work on mobile AA systems; former OKB-16 GKOT now MKB 'Tochnost'	Nudelman 1943-87	1960-95	D46 (N5-6/99, pp. 55, 58)
	Khimki KB 'Energomash' im. Ak. VP Glushko		Khimki (Dolgoprudnoe st.)	AERO	MV (1947), MOBM (1965)	formed 1947 as OKB-456 by transferring staff from Kazan' to design liquid propellant rocket motors in evacuated site of z-d 84, Kamov had small design team there 1945-8; later renamed Khimki KB (NPO) Energomash im. Ak. V.P.Glushko	Glushko 1947-74 Katorgin 1989-	1947-98	A7 D1 (N9-10/97, pp. 88-90) D10 (N7/91, p. 41) C9 (vol. 1, pp. 95, 234) G1
	KhKBD		Khar'kov	ARMOUR	MOP (1965)	tank diesel engines; now GP KhKBD	Ryazantsev	1999	D29 (N1-2/99)
	KhKBM im. AA Morozova		Khar'kov	ARMOUR	MTM (1947), MOP (1965)	tank KB of post war z-d 75; later KB KhZTM later still KBM im. AA Morozova and now KhKBM	Morozov, Shomin, Borisjuk	1955-98	D29 (N7-8/98, pp. 68-70) C19 (pp. 322-41)
	KhAZOS		Khar'kov	AERO		see KB z-da 135			
	KOBM		Kaluga	OTHER		formed 1966 as Kaluzkskoe opytnoe byuro motorostroeniya to design low power gas turbine engines for ground power units		1966-95	C5 (pp. 312, 313)
	Konstr. gruppa pri z-d no. 28		Moscow	AERO	VSNTKh (1930)	naval aircraft		1930	A2

1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
	Konstr. lacheika pri NII kozh. prom.		Moscow	OTHER		footwear		1930	A2
	MBM 'Malakhit'		Leningrad, now St Petersburg	SHIP	MSP (1948), MSP (1965)	torpedo carrying nuclear powered submarines: established 3/48 as SKB-143; absorbed by TsKB-16 in 1954-5 and became TsPB-16 'Volna' in 1971; later renamed St p.morskoe byuro mashinostroeniya 'Malakhit' (see also TsKB-143)	Isanin 1950s, Kiselev c.1957, Sshik c.1959, Kuteinikov c.1998	1948-98	D29 (N5-6/98, pp. 72-3, N9-10/98) D45 (N2-3/94, p. 39, N5-6/94, p. 65, N5-6/95, p. 62) C9 (vol. 1, p. 365) C83 (p. xvi)
	MKB 'Burevestnik'		Moscow	AERO	MAP (1976)	aeroengine design bureau: merged with KB 'Molniya' to become NPO Molniya in 1976 to develop 'Buran'		1976-95	C41 (p. 372) C5 (p. 267) G1
	MKB 'Fakel'		Khimki	AERO	MOP (1965)	formed 11/53 as OKB-2 z-da 293 from dept. of KB-1; ground to air missiles; now MKB 'Fakel'	Grushin 1953-, Svetov	1953-94	D26 (N11/93) D29 (N9-10/94, pp. 46-9)
	MKB 'Granit'		Moscow	AERO	MAP (1945), MAP (1965)	formed 1945 as OKB z-da 45 for jet engines; from 1963 designated OKB-45-165; from 1966 Moskovskii MKB 'Granit' and from 1982 part of AOOT 'AM Lyul'ka-Saturn'	Klimov 1947-1956 (also at OKB-117), Luss 1957-63	1945-95	A7 C41 (pp. 318, 331)
	MKB 'Iskra'		Moscow	AERO	MAP (1946), E271MOBM (1965)	z-d 81 set up in 1946 with two KBs 1 and 2 on the site of z-d 381 for aircraft with solid fuel rocket boosters; OKB-455 formed the basis plus staff from OKB-43; later rocket engines for all types of vehicles; subsequently MKB 'Iskra'	Shebanov 1946-?, Kartukov? - 1993, Kulikov 1993-	1946-98	D43 (N3-4/97, p. 8, N5-6/97, p. 17) D29 (N9-10/95, pp. 38-9) D35 (vol. 1/97, p. 6) G1
	MKB 'Krasnaya Zvezda'		Moscow	AERO	MAP (1970), MSM (1972), MATOMP (1989)	former OKB-670 renamed 1970, NPO from 1972; ramjet engines and from 1972 nuclear powerplants for space vehicles	Bondaryuk, Dushkin, Lifshits	1970-97	D26 (N11/93) D51 (N11/97, p. 27) G1
	MKB 'Osoaviakhim'		Moscow (Khodynka)	AERO		design office of Osoaviakhim which produced 7 types of gliders and 6 types of powered aircraft; closed 1939	Gribovskii 1933-9	1932-9	D10 (N9/89)
	MKB 'Raduga'		Dubna	AERO	MV (1951) MOP (1965)	formed from OKB-2 in 1951 for missiles and weapons systems; now MKB 'Raduga'	Bereznyak 1951, Seleznev	1951-98	C5 (p. 272) H1 (vol. 2, pp. 394-5) G1
	MKB 'Soyuz'		Turaevo	ATOM	MNP (1965)	nuclear power; also ramjets	Bondaryuk 1972	1972	D26 (N11/93) D29 (N11/94, p. 77)
	MKB 'Start'		Sverdlovsk, now Ekaterinburg	AERO	MAP (1965)	former SKB-203 and GKB KM; AA missile systems	Yashkin, Evtushenko	1965-99	D46 (N5-6/99, pp. 18 and 28)
	MKB 'Tochnost' im. Nudel'mana		Moscow	ARMS	NKV (1943) MOP (1965)	originally design group in Kovrov zavod then organised in Moscow 12/33; named OKB-16 from 1937 for aviation gun and rocket armament; now Moscow KB tochnogo mashinostroeniya (NPO 'Tochnost')	Taubin 1933-41, Nudel'man 1943-87, Korotkov, Smirnov	1933-95	A7 D29 (N1-2/94, p. 24) D39 (24/3/43) D25 (21/6/95) D52 (N1/95, pp. 18-23)
	Nikolaevsk. V/Mor. Byuro GET'a		Nikolaevsk	AERO	VSNTKh (1930)	electrical equipment for aircraft		1930	A2
	NKB		Moscow	MUNS	NKB (1940)	former NII-3, Reaktivnyi NII, renamed 1940		1940	C9 (vol. 1, 95, p. 35)
	NKTB 'Ferrit'		Voronezh	ELEC	MRP (1989)	Nauchnoe konstruktorskogo byuro 'Ferrit': communications equipment		1995	H1 (vol. 4, pp. 460-1)
	NPO Molniya		Moscow (Tushino)	AERO	MAP (1976)	formed 1976 from KB Molniya, MKB Burevestnik and Myasishchev opytnyi zavod: at former z-d 82 to develop aeronautical and space systems	Lozino-Lozinsky 1976-	1976-95	C41 (p. 372) C5 (p. 267) G1
	OKMO zavoda 'Bol'shevik'		Leningrad, now St Petersburg	ARMOUR	VSNTKh (1930)	Opytnyi Konstruktorsko-Mekhanicheskii Oldel; tank KB in 'Bol'shevik' z-d; in c.1934 became the independent Leningradskii zavod opyt'nogo mashinostroeniya im. Kirova (z-d 185); note not the LKZ	Barykov	1932-3	C19 (pp. 189-91, 193) C60 (p. 22) C61 (p. 19)
	OPTB-40		Kazan'	MUNS		technology of explosives production		1958-9	A7
	Oskonbyuro			AERO	NKTP (1934), NKOP (1936)	Osoboe KB of the NII VVS dissolved 11/36; z-d 47 was the opytnyi zavod of this KB	Grokhovskii	1934-6	D26 (N12/95, pp. 26-8)
	Ostekhbyuro		Leningrad	SHIP	NKTP (1934), NKOP (1936)	special KB for unique military designs; developed first midget submarine; KB dissolved 1939	Shchukin c.1934-9	1934-9	D29 (N1-2/96)
	PAKB		Perm'	AERO	MAP (1965)	former OKB z-da 33 fuel equipment for jet engines; now Perm' agregatnoe KB part of AO 'Inkar'		1958-89	F2 A7
	Penzenskoe KB 'modelirovaniya'		Penza	AERO	MAP (1946), E290MAP (1965)	established 1946 as OKB z-da 163 for the development of flight test equipment and later aircraft simulators; later Penzenskoe konstruktorskoe byuro modelirovaniya, currently KB 'Era'	Mayorov	1946-96	A7 D29 (N9/96, p. 124) D16 (N11/92, pp. 22-3)
16	PKB			SHIP	MSP (1955)	aircraft carrier design work		1955	D46 (N7/99, p. 4)

1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
170	PKB		Leningrad, now St Petersburg	ELEC		radiotechnical standards		1958-9	A7
886	PKB			ELEC	MPSS (1947)	communications equipment		1947	D25 (17/1/93)
	PKB		Kovrov (Vladimirskaia obl.)	ARMS	VSNKh (1921), NKTP (1933), NKOP (1936, NKV (1939)	formed 1921 to develop automatic handguns; renamed KB-2 in 1940 and OKB-2 in 1956		1921-40	G1
	PKB 'Nevskoe' (Nevskoe PKB)		Leningrad, now St Petersburg	SHIP	MSP (1965)	former TskB-17 which transferred from NKOP to NKSP in 1939; major surface vessels including carriers; evacuated Kazan' in 1941; returned to Leningrad c.1944; post 1966 called PKB Nevskoe full name now St P. Nevskoe proektno-KB	Ashika & Savichev c.1956	1958-95	A7 D35 (vol. 1/97, p. 7) C83 (p. xvi) C32 (pp. 24, 27)
	PKB 'Severnoe' (SPKB)		Leningrad, now St Petersburg	SHIP	MSP (1966)	former TskB-53 which was renamed in 1966: shipbuilding	Kupenskii Per'kov, Mutkhin, Yukhnin	c.1966-71	D29 (9-10/97) D35 (vol. 3/97, p. 45)
	PKB 'Zapadnoe'		Leningrad, now St Petersburg	SHIP	NKSP (1941), MSP (1945), MSP (1965)	Leningrad resudoproekt; auxiliary vessels; created when TskB-363 merged with another enterprise; evacuated 1941 Nikolaevsk then absorbed by TskB-32 in 1942 & moved to Kazan'; restored in Leningrad as TskB-50 post war; now St P. gos pred. Zapadnoe PKB	Mangaev dir, Mustafin des. c.1995	1941-95	A7 D29 (N11-2/95, p. 16) D32 (N5/93, pp. 49, 58-63) C83 (p. xvi) C32 (pp. 24, 27) C63 (vol. 5, p. 501)
	PKB 'Zelenodol'sk'		Zelenodol'sk	SHIP	MSP (1965)	current name of design bureau based on z-d 340; designed project 11540 ships:	Yakovlevskii	1996	D29 (N11-2/96)
	PMKB		Perm'	AERO	NKAP (1939), MAP (1945), MAP (1965)	formed 1939 as OKB z-da 19 for aeroengines; from 1966 Perm'skii Motorostroitel'noe Konstruktorskoe Byuro (PMKB) , now part of OAO Aviadvigatel', Perm'	Shvetsov 1939-53 Solov'ev 1953-89	1939-97	A7 C41 (p. 414) D1 (N9-10/97, pp. 76-7)
	Proektverf'		Leningrad, now St Petersburg	SHIP	VSNKh (1930)	formed 12/30 from department of z-d 'Sudoproverf' for shipyard development; Moscow department formed from Giproverf' in 1933 for riverboat yards	Balkashin 1930	1930	C63 (vol. 4, pp. 36, 48)
	RKB 'Luch'		Rybinsk (Shcherbakov)	ELEC	MRP (1965)	former OKB-664?; radar equipment; now Rybinsk KB 'Luch'		1965-98	A
	RKBM		Rybinsk (Shcherbakov)	AERO	NKAP (1943), MAP (1945), MAP (1965)	former OKB z-da 36 ceated 10/43 from OKB-250 of z-d 26 when Rybinsk plant reopened; from 1966 Rybinskoe Konstruktorskoe Byuro Motorostroeniya and now OAO RKBM	Dobrynin 1943-60, Kolesov 1960-, Novikov	1943-97	A7 C41 (p. 491) D1 (N9-10/97, p. 44) D26 (N6/96, p. 30) C5 (p. 285) D3 (No 73) D25 (20/5/95)
	RPKB		Ramenskoe	ELEC	MAP (1965)	former OKB-149; now AO Ramenskii priborostroitel'nyi KB (RPKB); navigation systems, aircraft instruments and avionics	Dzhangava	1996	C5 (pp. 292, 295) D30 (N8/96, p. 48)
1	SB-1 MVD		Gor'kii, later Nizhnii Novgorod	AERO	MVD (1947)	formed 9/47; air defence missile systems; plya 1323; SB-1 of MV but controlled by MVD; 1950 renamed KB-1	Kuksenko 1947-53, note SL Beriya (eng.) 1947-53	1947-50	D35 (vol. 1/97, p. 3, vol. 3/97, p. 68) G1 D63 (22-25/8/97)
80	SKTB		Dzerzhinsk	MUNS		explosives and chemical equipment; now NII 'Kristall'		1999	G24
	SMKB 'Novator'		Sverdlovsk, now Ekaterinburg	ARMS	MOP (1965)	originally KB-8 im. Kalinina and from 1947 OKB-8 on ground to air missiles; now SMKB 'Novator'		1942-97	D35 (vol. 1/97, p. 3, vol. 3/97, p. 68) G1
1	SPKB-1 z-da 393		Krasnogorsk	ARMS	NKV (1944)	Spetsializirovanniy proektno-konstruktorskii byuro formed 1944 to develop optical instruments and cameras for military use; probably became part of TskB z-da 393 in 1948		1944	H5
2	SPKB-2 z-da 393		Krasnogorsk	ARMS	NKV (1944)	Spetsializirovanniy proektno-konstruktorskii byuro formed 1944 to develop optical instruments and cameras for military use; probably became part of TskB z-da 393 in 1948		1942	H5
	STB GUVVP		Leningrad, now St Petersburg	ARMOUR	VSNKh (1925)	tank KB		1925-30	C19 (pp. 158, 163, 165-6)
4	TB-4 Baltiskii z-d		Leningrad, now St Petersburg	SHIP	VSNKh (1934)	Tekh. Byuro 4 of Baltiskii z-d became TskBS-2 in 1934 for submarine designs; not to be confused with KB-4 which became TskBS-4 in 1943!	Malinin	1934	C63 (vol. 4, p., p. 135)
7	TB-7 z-da 148			OTHER	NKOP (1936)	Glavorgkhimprom		1936	A4
	TKB OAT		Leningrad, now St Petersburg	ARMOUR	VSNKh (1928)	Orudino Arsenelskii Trest; tank KB; c.1927 to c.1931		1928	C19 (pp. 159-160)

1. No.	2. Name	3. Subsidiary units	4. Location	5. Branch	6. Ministry	7. Other details	8. Designer	9. Date	10. Source
	TMKB 'Soyuz'		Moscow (Tushino)	AERO	NKAP (1942), MAP (1945), MAP (1965)	aeroengine design bureau formed 6/42 as OKB-500; from 1947 jet engines; now Tushino mashinostroitel'noe KB Soyuz part of VPK MIG 'MAPO'	Kossov, Charomsky, Melskhvarishvili, Khachaturov, Nusberg c.1995	1942-97	A7 C41 (p. 360) D29 (N3-4/95, pp. 77-8) D25 (24/5/97)
	Ufa agregatnoe KB 'Molniya'		Ufa	AERO		electrical equipment for jet and rocket motors; now Ufa agregatnoe KB 'Molniya' ?	Bogomolov	1958-98	F2 A7
	Ural'skii KB 'Detal'		Kamensk-Ural'skii	AERO	MAP (1950), E130MAP (1965)	formed 1950 as OKB z-da 379; aircraft equipment eg radio altimeters and other instruments; now Ural'skii KB 'Detal'	Shakhyrin	1950-96	A7 D30 (N8/96, p. 18)
	Ural'skoe KB transportnogo mashinostr oeniya		Nizhnii Tagil'	ARMOUR	MOP (1989)	armoured vehicles for military engineering; probably the current name of KB 'Uralvagonzavod' former KB z-da 183		1995	H1 (vol. 1, pp. 494-5)
	Voronezh KB 'Khimavtomatika'		Voronezh	AERO	MOBm (1965)	liquid fuel rocket motors; formed 1941 as OKB-296 at Berdsk, moved 4/46 to z.265 Voronezh and renamed OKB-154; now Voronezh KB 'Khimavtomatika'	Kosberg 1946-65, Konopalov 1965-93, Rachuk 1993-	1965-98	A7 G1 C86 (p. 36)
	VP TI (Vses. proektnyi tekhn. inst.)		Moscow	ARMOUR		tank design		1958-9	A7
	ZMKB 'Progress' im. Ak. AG Ivchenka		Zaporozh'e	AERO	MAP (1965)	formed 1945; piston, rocket, and turbojet aeroengines; became independent of z-d 478 in 1959; later Zaporozh'e Motorstroitel KB 'Progress' now Zaporozh'e mashinostroeniya KB 'Progress' im. Ak. AG Ivchenko	Ivchenko 1945--68, Lotarev 1969-88, Muravchenko 1988-	1965-95	C41 (p. 233) D8 (p. 211) D26 (N6/96, p. 300) H9 (pp. 20-1),