

Appendix 5A. The volume of transfers of major conventional weapons: by recipients and suppliers, 1996–2000

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Table 5A.1. The recipients of major conventional weapons

The list includes all countries/non-state actors with imports of major conventional weapons in the period 1996–2000. Ranking is according to the 1996–2000 aggregate imports. Figures are trend-indicator values expressed in US \$m. at constant (1990) prices. Figures may not add up because of the conventions of rounding.

Rank order								
1996– 2000	1995– 99 ^a	Recipient	1996	1997	1998	1999	2000	1996–2000
1	1	Taiwan	1 313	4 859	4 022	1 642	445	12 281
2	2	Saudi Arabia	1 728	2 770	2 529	1 243	92	8 362
3	3	Turkey	1 143	955	1 766	1 096	704	5 664
4	4	South Korea	1 566	715	870	1 475	708	5 334
5	9	China	1 047	556	88	1 455	2 085	5 231
6	6	India	804	1 416	547	1 032	429	4 228
7	8	Greece	262	824	1 467	650	462	3 665
8	5	Egypt	918	866	515	740	580	3 619
9	7	Japan	501	590	1 236	1 041	190	3 558
10	10	UAE	549	762	843	549	280	2 983
11	11	Israel	75	49	1 300	1 196	270	2 890
12	14	Finland	564	394	565	821	443	2 787
13	12	Pakistan	476	613	579	752	206	2 626
14	13	Kuwait	1 240	437	191	91	104	2 063
15	17	Singapore	512	102	654	194	412	1 874
16	16	Thailand	604	830	59	194	84	1 771
17	28	UK	235	92	379	122	866	1 694
18	18	Switzerland	199	400	459	508	46	1 612
19	15	Malaysia	49	525	37	782	52	1 445
20	22	Brazil	453	429	145	75	244	1 346
21	20	Spain	410	204	91	314	300	1 319
22	19	USA	340	559	135	110	59	1 203
23	21	Indonesia	535	110	104	223	226	1 198
24	26	Netherlands	211	179	254	303	156	1 103
25	25	Italy	241	557	11	8	272	1 089
26	30	Norway	239	200	188	194	209	1 030
27	24	Qatar	54	525	340	91	—	1 010
28	32	Australia	129	19	121	336	343	948
29	38	Algeria	46	35	103	72	564	820
30	29	Iran	480	44	95	67	130	816
31	76	Syria	21	—	20	20	744	805
32	46	Canada	141	104	25	39	443	752

Table 5A.1 *contd*

Rank order								
1996– 1995–		Recipient	1996	1997	1998	1999	2000	1996–2000
2000	99 ^a							
33	23	Chile	180	116	121	176	151	744
34	27	Viet Nam	223	102	171	214	22	732
35	39	Mexico	62	186	271	33	176	728
36	34	New Zealand	4	323	13	317	—	657
37	43	Kazakhstan	178	163	—	62	245	648
38	36	Sweden	47	127	236	123	110	643
39	33	Oman	332	162	22	—	109	625
40	31	Myanmar	87	225	190	111	—	613
41	35	Peru	140	340	14	91	—	585
42	40	Cyprus	180	110	21	242	30	583
43	49	Angola	10	3	183	134	253	583
44	51	Bahrain	183	74	8	—	300	565
45	37	Denmark	53	98	182	137	75	545
46	42	Argentina	51	93	120	203	61	528
47	50	Sri Lanka	151	2	70	44	252	519
48	41	Germany	122	5	118	148	100	493
49	44	Austria	10	192	197	48	10	457
50	45	France	29	160	137	94	23	443
51	47	Colombia	39	171	125	37	71	443
52	48	Jordan	49	108	202	43	31	433
53	53	Bangladesh	5	26	—	126	267	424
54	52	Hungary	119	62	35	78	5	299
55	56	Ethiopia	—	53	179	8	29	269
56	58	Poland	98	—	—	1	168	267
57	67	Romania	36	15	50	38	117	256
58	68	Congo (DRC)	46	18	—	72	108	244
59	54	Morocco	95	137	—	8	—	240
60	64	Venezuela	36	33	12	70	67	218
61	60	Belgium	—	60	67	60	24	211
62	59	Eritrea	46	33	124	—	—	203
63	57	North Korea	13	4	2	172	2	193
64	61	Yemen	—	—	—	54	95	149
65	66	Bosnia and Herzegovina	51	76	3	16	—	146
66	71	Bulgaria	123	—	—	6	—	129
67	69	Botswana	23	67	4	34	—	128
68	63	Philippines	30	45	51	—	—	126
69	72	Ecuador	23	50	17	24	4	118
70	62	Tunisia	73	40	1	1	—	115
71	75	Macedonia	—	—	9	97	7	113
72	74	Sudan	29	66	—	10	—	105
73	65	Armenia	103	—	—	—	—	103
74	70	Croatia	2	41	—	—	59	102
75	73	Uganda	—	—	45	31	—	76
76	89	Laos	—	14	26	—	36	76
77	86	NATO ^c	—	—	49	—	22	71
78	79	Uruguay	4	19	32	8	2	65
79	77	South Africa	38	9	—	14	—	61

Rank order								
1996–1995–		Recipient	1996	1997	1998	1999	2000	1996–2000
2000	99 ^a							
80	80	Kenya	—	61	—	—	—	61
81	82	Brunei	17	30	7	—	5	59
82	105	United Nations ^c	—	—	1	8	47	56
83	83	Bahamas	—	—	—	54	—	54
84	85	Cambodia	29	16	4	2	—	51
85	84	Lithuania	21	—	18	5	5	49
86	87	Rwanda	1	2	2	41	—	46
87	81	Slovenia	13	8	4	17	—	42
88	78	Lebanon	22	6	5	—	8	41
89	88	Belarus	—	—	41	—	—	41
90	92	Czech Republic	23	5	—	4	3	35
91	91	Mauritius	33	1	—	—	—	34
92	93	Ireland	—	—	2	30	1	33
93	106	Georgia	—	8	7	—	16	31
94	55	Slovakia	30	—	—	—	—	30
95	133	Zambia	2	—	—	—	27	29
96	95	Zimbabwe	3	—	1	23	—	27
97	101	Nigeria	16	1	—	—	10	27
98	98	Namibia	—	2	7	13	—	22
99	90	Estonia	1	14	2	—	4	21
100	123	Dominican Republic	4	—	—	2	13	19
101	102	Congo	—	18	1	—	—	19
102	112	Mauritania	1	8	—	—	9	18
103	104	Ghana	7	4	—	7	—	18
104	103	Palestinian AA ^d	17	—	—	—	—	17
105	94	Sierra Leone	—	8	—	6	—	14
106	108	Cameroon	4	4	6	—	—	14
107	110	Papua New Guinea	—	13	—	—	—	13
108	111	Panama	—	12	—	—	—	12
109	97	Portugal	2	—	7	2	—	11
110	109	Togo	—	10	—	—	—	10
111	113	Mali	—	7	3	—	—	10
112	114	Jamaica	—	—	5	5	—	10
113	116	Cape Verde	—	—	9	—	1	10
114	96	Yugoslavia	—	8	—	—	—	8
115	117	Suriname	—	—	—	8	—	8
116	107	Unknown ^e	3	—	3	1	—	7
117	120	Malta	1	6	—	—	—	7
118	119	Chad	—	—	7	—	—	7
119	122	Lebanon/SLA ^b	6	—	—	—	—	6
120	115	El Salvador	3	—	3	—	—	6
121	124	Luxembourg	4	—	—	1	—	5
122	126	Palau	4	—	—	—	—	4
123	99	Latvia	—	—	—	4	—	4
124	127	Guinea	—	—	4	—	—	4
125	129	Micronesia	—	4	—	—	—	4
126	134	Trinidad & Tobago	—	—	2	—	1	3

Table 5A.1 contd

Rank order							
1996– 1995–		Recipient	1996	1997	1998	1999	2000
2000	99 ^a						1996–2000
127	130	Niger	—	3	—	—	3
128	132	Belize	3	—	—	—	3
129	125	Lebanon/Hizbollah ^b	1	1	—	—	2
130	136	Paraguay	2	—	—	—	2
131	140	Afghanistan/NA ^b	—	—	—	—	1
132	142	Swaziland	—	—	—	—	1
133	128	Guatemala	—	—	1	—	1
134	144	Bolivia	—	—	—	—	1
135	138	Turkey/PKK ^b	—	—	—	—	< 0.5
136	139	Sri Lanka/LTTE ^b	—	—	—	—	< 0.5
137	141	Tonga	—	—	—	—	< 0.5
138	135	Senegal	—	—	—	—	< 0.5
139	121	Moldova	—	—	—	—	< 0.5
140	143	Maldives	—	—	—	—	< 0.5
141	137	Cote d'Ivoire	—	—	—	—	< 0.5
142	118	Fiji	—	—	—	—	< 0.5
143	131	Djibouti	—	—	—	—	< 0.5
144	100	Albania	—	—	—	—	< 0.5
Total			20 476	24 609	22 993	20 854	15 333
							104 275

^a The rank order for recipients in 1995–99 differs from that published in the *SIPRI Yearbook 2000* (pp. 468–71) because of the subsequent revision of figures for these years.

^b Non-state actor: rebel group. SLA = South Lebanese Army; NA = Northern Alliance; PKK = Kurdish Workers' Party; LTTE = Liberation Tigers of Tamil Eelam.

^c Non-state actor: international organization.

^d Non-state actor: Palestine Autonomous Authority

^e One or more unknown recipient(s).

Notes:

— = between 0 and 0.5.

The SIPRI data on arms transfers refer to actual deliveries of major conventional weapons. To permit comparison between the data on such deliveries of different weapons and identification of general trends, SIPRI uses a *trend-indicator value*. The SIPRI values are only an indicator of the volume of international arms transfers and not of the actual financial values of such transfers. Thus they are not comparable to economic statistics such as gross domestic product or export/import figures.

Source: SIPRI arms transfers database.

Table 5A.2. The suppliers of major conventional weapons

The list includes all countries/non-state actors with exports of major conventional weapons in the period 1996–2000. Ranking is according to the 1996–2000 aggregate exports. Figures are trend-indicator values expressed in US \$m. at constant (1990) prices. Figures may not add up because of the conventions of rounding.

Rank order								
1996– 2000	1995– 99 ^a	Supplier	1996	1997	1998	1999	2000	1996–2000
1	1	USA	9 160	11 278	12 970	10 374	5 489	49 271
2	2	Russia	3 309	2 624	1 595	3 719	4 443	15 690
3	3	France	1 833	3 099	3 370	1 450	1 040	10 792
4	4	UK	1 477	2 433	1 037	1 044	1 035	7 026
5	5	Germany	1 418	565	1 201	1 228	1 235	5 647
6	7	Netherlands	397	537	579	318	183	2 014
7	8	Ukraine	202	626	615	446	67	1 956
8	9	Italy	389	368	347	439	177	1 720
9	6	China	652	319	285	196	54	1 506
10	13	Belarus	113	414	58	163	498	1 246
11	11	Spain	79	619	167	29	51	945
12	12	Israel	200	201	136	115	212	864
13	10	Canada	189	172	140	132	85	716
14	14	Australia	14	317	3	307	5	646
15	15	Sweden	150	42	116	140	137	585
16	18	Switzerland	125	66	31	58	60	340
17	17	Czech Republic	140	28	20	65	87	340
18	19	Moldova	—	316	—	—	—	316
19	16	Belgium	145	89	23	28	—	285
20	22	Slovakia	48	49	8	—	91	196
21	21	Kazakhstan	12	—	2	180	—	194
22	23	Georgia	—	—	—	72	108	180
23	24	Bulgaria	17	3	40	91	2	153
24	31	Indonesia	—	10	—	60	80	150
25	29	Greece	30	52	21	1	30	134
26	20	Poland	52	20	1	50	10	133
27	26	Singapore	—	72	42	—	—	114
28	25	Norway	9	58	2	9	36	114
29	30	South Africa	31	9	28	16	6	90
30	28	South Korea	21	29	31	—	6	87
31	44	Unknown ^b	14	16	—	2	52	84
32	33	Kuwait	—	—	84	—	—	84
33	32	Hungary	57	24	—	—	—	81
34	27	Brazil	28	28	15	—	—	71
35	34	Austria	14	5	12	35	—	66
36	38	Turkey	—	—	3	43	18	64
37	40	Cyprus	43	—	—	—	—	43
38	36	UAE	4	38	—	—	—	42
39	42	Qatar	—	37	—	—	—	37
40	43	Chile	33	—	2	1	1	37
41	39	Finland	2	1	7	14	10	34
42	41	Romania	4	8	2	19	—	33
43	35	North Korea	22	—	—	—	—	22

Table 5A.2 contd

Rank order		Supplier	1996	1997	1998	1999	2000	1996–2000
1996–1995–	2000 99 ^a							
44	60	India	—	—	—	—	16	16
45	45	Egypt	10	5	—	—	—	15
46	46	Japan	11	3	—	—	—	14
47	47	Estonia	14	—	—	—	—	14
48	48	New Zealand	—	13	—	—	—	13
49	49	Malaysia	—	—	—	8	—	8
50	50	Taiwan	2	5	—	—	—	7
51	63	Pakistan	—	—	—	—	5	5
52	52	Jordan	—	5	—	—	—	5
53	59	Ireland	—	—	—	2	2	4
54	54	Libya	—	3	—	—	—	3
55	55	Denmark	3	—	—	—	—	3
56	57	Yugoslavia	—	2	—	—	—	2
57	58	Saudi Arabia	2	—	—	—	—	2
58	53	Iran	1	1	—	—	—	2
59	61	Uruguay	—	—	—	—	1	1
60	64	Malawi	—	—	—	—	1	1
61	62	Syria	—	—	—	—	—	< 0.5
62	51	Nicaragua	—	—	—	—	—	< 0.5
63	37	Kyrgyzstan	—	—	—	—	—	< 0.5
64	56	Argentina	—	—	—	—	—	< 0.5
Total			20 476	24 609	22 993	20 854	15 333	104 275

^a The rank order for suppliers in 1995–99 differs from that published in the *SIPRI Yearbook 2000* (pp. 372–73) because of the subsequent revision of figures for these years.

^b One or more unknown supplier(s).

Notes:

— = between 0 and 0.5.

The SIPRI data on arms transfers refer to actual deliveries of major conventional weapons. To permit comparison between the data on such deliveries of different weapons and identification of general trends, SIPRI uses a *trend-indicator value*. The SIPRI values are only an indicator of the volume of international arms transfers and not of the actual financial values of such transfers. Thus they are not comparable to economic statistics such as gross domestic product or export/import figures.

Source: SIPRI arms transfers database.

Appendix 5B. The volume of transfers of major conventional weapons: by regions and other groups of recipients and suppliers, 1991–2000

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Table 5B.1. Volume of imports of major conventional weapons

Figures are SIPRI trend-indicator values expressed in US \$m. at constant (1990) prices. Regional and group figures include transfers between countries/non-state actors in the same region or organization, unless otherwise noted. Figures may not add up because of the conventions of rounding.

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
World total	23 582	20 291	21 994	19 045	19 213	20 476	24 609	22 993	20 854	15 333
Intl organizations	—	—	4	37	8	—	—	50	8	69
Africa	1 350	394	307	564	547	472	588	679	475	1 002
Sub-Saharan	229	302	181	253	116	258	377	575	394	438
Americas	1 994	1 128	1 200	1 821	1 406	1 480	2 113	1 027	934	1 292
North	991	542	752	1 025	511	481	663	160	149	502
Central	137	16	122	121	50	71	198	282	93	190
South	866	569	326	676	845	928	1 251	586	692	600
Asia	7 146	5 256	5 733	5 350	7 962	8 138	10 944	8 717	9 523	5 666
Central	..	—	—	24	99	178	163	—	62	245
North-East	2 984	3 407	3 479	1 010	3 945	4 440	6 724	6 218	5 785	3 430
South-East	982	708	985	2 070	2 598	2 086	1 999	1 303	1 720	837
South	1 801	1 142	1 269	1 246	1 320	1 436	2 057	1 196	1 954	1 154
Europe	6 325	6 335	5 241	4 530	2 985	3 430	3 844	4 548	4 070	3 512
Middle East	6 530	6 810	9 060	6 443	6 162	6 817	6 759	7 836	5 189	3 447
Oceania	185	315	392	297	135	137	359	134	653	343
Rebel groups	29	1	1	135	2	7	1	—	—	1
ASEAN	797	656	686	2 006	2 380	1 968	1 984	1 299	1 718	837
CIS	..	100	60	360	155	281	171	48	62	261
CIS Europe	..	100	60	336	55	103	8	48	—	16
EU	4 722	4 973	3 025	3 210	2 156	2 190	2 892	3 711	2 859	2 842
EU from non-EU	3 466	3 991	1 912	1 954	1 338	1 498	2 009	2 604	2 155	2 416
NATO	6 807	7 120	5 902	5 555	3 835	3 431	3 997	4 825	3 276	3 694
NATO Europe	5 816	6 578	5 150	4 532	3 324	2 951	3 334	4 667	3 212	3 367
GCC	2 083	2 402	3 907	1 844	2 332	4 086	4 730	3 933	1 974	885
OECD	8 807	9 551	8 238	7 122	5 191	6 655	7 010	8 829	8 090	5 729
OSCE/CSCE	8 093	8 218	7 944	6 844	4 946	5 180	5 549	6 471	5 361	4 963
P5	2 601	2 982	1 683	803	919	1 651	1 367	739	1 781	3 033
Wassenaar	10 210	10 350	9 979	7 989	7 115	6 931	6 931	8 729	8 306	5 898

Note: Tables 5B.1 and 5B.2 show the volume of arms transfers for different geographical regions and subregions, selected groups of countries, rebel groups and international organizations. Countries/rebel groups can belong to only one region. Since many countries are included in more than one group or organization, totals cannot be derived from these figures. Countries are included in the values for the different international organizations from the year of joining. The following countries/rebel groups are included in each region or group.

Table 5B.2. Volume of exports of major conventional weapons

Figures are SIPRI trend-indicator values expressed in US \$m. at constant (1990) prices. Regional and group figures include transfers between countries/non-state actors in the same region or organization, unless otherwise noted. Figures may not add up because of the conventions of rounding.

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
World total	23 582	20 291	21 994	19 045	19 213	20 476	24 609	22 993	20 854	15 333
Intl organizations	—	—	—	—	—	—	—	—	—	—
Africa	51	94	54	10	18	31	12	28	16	7
Sub-Saharan	51	94	54	10	18	31	9	28	16	7
Americas	10 265	12 419	11 702	9 764	9 606	9 410	11 478	13 127	10 507	5 576
North	10 173	12 269	11 638	9 722	9 557	9 349	11 450	13 110	10 506	5 574
Central	1	88	23	—	6	—	—	—	—	—
South	90	62	41	43	43	61	28	17	1	2
Asia	1 142	850	1 387	826	1 029	720	438	360	444	161
Central Asia	..	—	—	—	85	12	—	2	180	—
North-East Asia	1 140	842	1 361	791	913	708	356	316	196	60
South-East Asia	1	8	22	31	30	—	82	42	68	80
South Asia	2	—	3	3	2	—	—	—	—	21
Europe	11 963	6 814	8 614	8 149	8 382	10 071	12 045	9 252	9 420	9 300
Middle East	83	115	209	211	154	215	288	222	158	230
Oceania	79	8	28	24	20	14	330	3	307	5
Rebel groups	1	1	—	—	—	—	—	—	—	—
ASEAN	1	8	22	31	30	—	82	42	68	80
EU	5 160	3 435	4 510	5 702	4 487	5 938	7 808	6 880	4 728	3 898
EU to non-EU	3 901	2 454	3 399	4 454	3 673	5 248	6 928	5 772	4 026	3 509
CIS	..	2 555	3 284	1 451	3 409	3 636	3 980	2 271	4 580	5 116
CIS Europe	..	2 555	3 284	1 451	3 324	3 624	3 980	2 268	4 400	5 116
GCC										
NATO	15 516	15 709	16 246	15 610	13 887	15 129	19 270	19 860	15 094	9 377
NATO Europe	5 343	3 441	4 607	5 888	4 329	5 780	7 820	6 750	4 704	3 902
OSCE/CSCE	22 070	19 083	20 253	17 871	18 024	19 432	23 495	22 368	20 148	14 892
OECD	16 130	16 217	16 543	15 862	14 209	15 664	19 796	20 080	15 715	9 684
P5	18 133	16 592	17 848	13 249	14 909	16 431	19 753	19 257	16 783	12 061
Wassenaar	16 370	18 841	20 324	17 810	17 908	19 297	23 126	22 341	20 039	14 297

International organizations: NATO and the United Nations as non-state actors—not as combinations of all member states.

Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo (Rep. of), Congo (DRC), Côte d'Ivoire, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tomé and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe

Sub-Saharan Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo (Rep. of), Congo (DRC), Côte d'Ivoire, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tomé and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia, Zimbabwe

Americas: Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, St Vincent & the Grenadines, Suriname, Trinidad & Tobago, Uruguay, USA, Venezuela

North America: Canada, USA

Central America: Bahamas, Barbados, Belize, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Grenada, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, St Vincent & the Grenadines, Trinidad & Tobago

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela

Asia: Afghanistan, Bangladesh, Bhutan, Brunei, Cambodia, China, India, Indonesia, Japan, Kazakhstan (1992–), North Korea, South Korea, Kyrgyzstan (1992–), Laos, Malaysia, Maldives, Mongolia, Myanmar (Burma), Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Taiwan, Tajikistan (1992–), Thailand, Turkmenistan (1992–), Uzbekistan (1992–), Viet Nam, Khmer Rouge (Cambodia), Liberation Tigers of Tamil Eelam (LTTE, Sri Lanka), Mujahideen (Afghanistan), United Islamic Front for the Salvation of Afghanistan (UIFSA, Afghanistan)

Central Asia: Kazakhstan (1992–), Kyrgyzstan (1992–), Tajikistan (1992–), Turkmenistan (1992–), Uzbekistan (1992–)

North-East Asia: China, Japan, North Korea, South Korea, Taiwan

South-East Asia: Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Viet Nam

South Asia: Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka, Liberation Tigers of Tamil Eelam (LTTE, Sri Lanka)

Europe: Albania, Armenia (1992–), Austria, Azerbaijan (1992–), Belarus (1992–), Belgium, Bosnia and Herzegovina (1992–), Bulgaria, Croatia (1992–), Cyprus, Czechoslovakia (–1992), Czech Republic (1993–), Denmark, Estonia (1991–), Finland, France, Georgia (1992–), German DR (–1990), Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia (1991–), Liechtenstein, Lithuania (1991–), Luxembourg, Macedonia (1992–), Malta, Moldova (1992–), Monaco, Netherlands, Norway, Poland, Portugal, Romania, Russia (1992–), Slovakia (1993–), Slovenia (1992–), Spain, Sweden, Switzerland, UK, Ukraine (1992–), USSR (–1991), Yugoslavia (former, –1991), Yugoslavia (FRY, 1992–)

Middle East: Bahrain, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Palestinian Autonomous Authority, Qatar, Saudi Arabia, Syria, United Arab Emirates, North Yemen (–1990), Turkey, South Yemen (–1990), Yemen (1991–), Hezbollah (Lebanon), Kurdish Workers' Party (PKK, Turkey), Lebanese Forces (LF, Lebanon), South Lebanese Army (SLA, Lebanon), Southern Rebels (Yemen)

Oceania: Australia, Fiji, Kiribati, Marshall Islands, Micronesia, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

Rebel groups (only those rebel groups which had imports/exports in the period 1991–2000 are listed): Hezbollah (Lebanon), Kurdish Workers' Party (PKK, Turkey), Lebanese Forces (LF, Lebanon), Liberation Tigers of Tamil Eelam (LTTE, Sri Lanka), Mujahideen (Afghanistan), United Islamic Front for the Salvation of Afghanistan (UIFSA, Afghanistan), South Lebanese Army (SLA, Lebanon), Southern Rebels (Yemen)

Association of South-East Asian Nations (ASEAN): Brunei, Indonesia, Laos (1997–), Malaysia, Myanmar (Burma, 1997–), Philippines, Singapore, Thailand, Viet Nam (1995–)

European Union (EU): Austria (1995–), Belgium, Denmark, Finland (1995–), France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden (1995–), UK

Commonwealth of Independent States (CIS): Armenia, Azerbaijan, Belarus, Georgia (1993–), Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan

Commonwealth of Independent States (CIS) Europe: Armenia, Azerbaijan, Belarus, Georgia (1993–), Moldova, Russia, Ukraine

GCC (Gulf Co-operation Council): Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates

NATO: Belgium, Canada, Czech Republic (1999–), Denmark, France, Germany, Greece, Hungary (1999–), Iceland, Italy, Luxembourg, Netherlands, Norway, Poland (1999–), Portugal, Spain, Turkey, UK, USA

NATO Europe: Belgium, Czech Republic (1999–), Denmark, France, Germany, Greece, Hungary (1999–), Iceland, Italy, Luxembourg, Netherlands, Norway, Poland (1999–), Portugal, Spain, Turkey, UK

Organization for Security and Co-operation in Europe (OSCE)/Conference on Security and Co-operation in Europe (CSCE): Albania (1991–), Andorra, Armenia (1992–), Austria, Azerbaijan (1992–), Belarus (1992–), Belgium, Bosnia and Herzegovina (1992–), Bulgaria, Canada, Croatia (1992–), Cyprus, Czechoslovakia (–1992), Czech Republic (1993–), Denmark, Estonia (1991–), Finland, France, Georgia (1992–), German DR (–1990), Germany, Greece, Holy See, Hungary, Iceland, Ireland, Italy, Kazakhstan (1992–), Kyrgyzstan (1992–), Latvia (1991–), Liechtenstein, Lithuania (1991–), Luxembourg, Macedonia (1995–), Malta, Moldova (1992–), Monaco, Netherlands, Norway, Poland, Portugal, Romania, Russia (1992–), San Marino, Slovakia (1992–), Slovenia (1992–), Spain, Sweden, Switzerland, Tajikistan (1992–), Turkey, Turkmenistan (1992–), UK, Ukraine (1992–), USA, USSR (–1992), Uzbekistan (1992–), Yugoslavia (Former, –1991), Yugoslavia (FRY, 1992–)

Organisation for Economic Co-operation and Development (OECD): Australia, Austria, Belgium, Canada, Czech Rep. (1995–), Denmark, Finland, France, Germany, Greece, Hungary (1996–), Iceland, Ireland, Italy, Japan, South Korea (1996–), Luxembourg, Mexico (1994–), Netherlands, New Zealand, Norway, Poland (1996–), Portugal, Spain, Sweden, Switzerland, Turkey, UK, USA

P5 (5 Permanent members of the UN Security Council): China, France, Russia (1992–)/USSR (–1992), UK, USA

Wassenaar Arrangement: Argentina, Australia, Austria, Belgium, Bulgaria, Canada, Czech Republic, Denmark, Finland, France, Germany (FRG), Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Russia, Slovakia, South Korea, Spain, Sweden, Switzerland, Turkey, UK, USA, Ukraine

Appendix 5C. Register of the transfers and licensed production of major conventional weapons, 2000

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The register in table 5C.1 lists major weapons on order or under delivery, or for which the licence was bought and production was under way or completed during 2000. Sources and methods for the data collection are explained in appendix 5D. Entries in table 5C.1 are alphabetical, by recipient, supplier and licensor. ‘Year(s) of deliveries’ includes aggregates of all deliveries and licensed production since the beginning of the contract. ‘Deal worth’ values in the comments refer to real monetary values as reported in sources and not to SIPRI trend-indicator values. Conventions, abbreviations and acronyms are explained below the table. For cross reference, an index of recipients and licensees for each supplier can be found in table 5C.2.

Table 5C.1. Register of transfers and licensed production of major conventional weapons, 2000, by recipients

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of delivery	No. delivered	Comments
Afghanistan/UFSA S: Russia	(10)	SA-16 Gimlet/Igla-1	Portable SAM	1999	2000	(10)	
Algeria S: Belarus	(28)	MiG-29S/Fulcrum-C	FGA aircraft	(1998)	2000	(28)	Ex-Belarussian Air Force; part of deal incl 8 MiG-29UB trainer version delivered from Russia via Belarus
Russia	8	MiG-29/Fulcrum-A	Fighter aircraft	(1999)	2000	8	Ex-Russian Air Force MiG-29UB trainer version; ordered and delivered via Belarus; part of deal incl 28 MiG-29 delivered from Belarus
	3	Su-24MK/Fencer-D	Bomber aircraft	1999	2000	(3)	Ex-Russian Air Force; probably refurbished before delivery
	22	Su-24MK/Fencer-D	Bomber aircraft	2000	2000	(2)	Ex-Russian Air Force; possibly refurbished before delivery; delivery 2000-2001
	(96)	SS-N-25/Kh-35 Uran	ShShM	1998	1999-2000	(96)	Probably for 3 refitted Koni Class frigates and 3 refitted Nanuchka Class corvettes
USA	6	Beech-1900	Light transport ac	2000	..	..	For SIGINT
L: UK	(4)	Kebir Class	Patrol craft	(1990)	1997-98	2	Algerian designation El Yadekh Class

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year of order/ licensing	No. delivered/ produced	Comments
Angola							
S: Belarus	(4)	Su-24MK/Fencer-D	Bomber aircraft	(1999)	2000	(4)	Probably ex-Belarussian Air Force; supplier could be Russia
	(15)	Su-27SF/Flanker-B	Fighter aircraft	(1999)	1999–2000	(15)	Probably ex-Belarussian Air Force; supplier could be Ukraine
Slovakia	12	Su-22/Fitter-H/J/K	FGA aircraft	(1999)	2000	(12)	Ex-Slovak Air Force; incl 2 Su-22UM trainer version; refurbished before delivery
Argentina							
S: Israel	1	Bell-212/UH-1N	Helicopter	2000	2000	1	Ex-Israeli Air Force
	(6)	EL/M-2022	MP aircraft radar	(1993)	1995–2000	(6)	For modernization of 6 S-2E/G ASW/MP aircraft to S-2T version
Italy	20	Palmaria 155mm turret	Turret	(1985)	1996–2000	(20)	Turret for Argentine T-AMSE YCA-155 self-propelled gun, turrets delivered 1986–87 but delivery of VCA-155 to Army delayed
	(16)	RAT-31SL	Surveillance radar	1999	2000	(2)	Part of \$185 m deal with US company for civilian/military 'NRP' air surveillance system
Netherlands	6	DA-05	Surveillance radar	(1979)	1985–90	(4)	For 6 MEKO-140 Type (Espora Class) frigates
	6	WM-28	Fire control radar	(1979)	1985–90	(4)	For 6 MEKO-140 Type (Espora Class) frigates
Switzerland	1	PC-12	Light transport ac	(1999)	2000	1	For Border Guard
USA	36	A-4M Skyhawk-2	FGA aircraft	1994	1997–2000	(36)	Ex-US Marines; deal worth \$282 m; incl 8 refurbished before delivery and 28 refurbished in Argentina with US-supplied kits; Argentine designation A-4AR Fightinghawk; incl 4 TA-4AR trainer version
	16	Bell-205/UH-1H	Helicopter	1996	1997–2000	15	Ex-US Army; EDA; aid; incl 8 for Marines
	...	BGM-71D TOW-2	Anti-tank missile	2000		..	FMS deal
L: Germany	6	MEKO-140 Type	Frigate	1979	1985–90	4	Argentine designation Espora Class; last 2 delayed for financial reasons
Australia							
S: Canada	2	DHC-8 Dash-8	Transport aircraft	1999	2000	2	Deal worth \$25 m; DHC-8-200 version; for Coast Guard
	68	Piranha 3x8	APC	1998		..	Incl 5 ambulance, 5 ARV, 16 APC/CP, 18 radar reconnaissance and 11 repair version; part of deal incl 82 IFV version licensed production; Australian designation ASLAV-PC/R/A/C/S/F; assembled in Australia; delivery 2001–2005
Israel	(18)	EL/M-2022	MP aircraft radar	1995	2000	(1)	For modernization of 18 P-3C ASW/MP aircraft to AP-3C version
Norway	(60)	Penguin Mk-2-7	Air-to-ship missile	1998		..	Deal worth \$46–49 m; for Navy SH-2G helicopters; delivery 2001–2002
	:	Penguin Mk-2-7	Air-to-ship missile	1999		..	Deal worth \$49 m; for Navy SH-2G helicopters; delivery after 2001/2002
South Africa	3	Chubby-Husky	AMV	1999	2000	3	Part of Chubby mine-clearing system; deal worth \$2.8 m
	3	Chubby-Meerkat	AMV	1999	2000	3	Part of Chubby mine-clearing system; deal worth \$2.8 m

Sweden	8	9LV	Fire control radar	(1991)	1996-98	(2)	For 8 MEKO-200ANZ Type (Anzac Class) frigates
	8	Sea Giraffe-150	Surveillance radar	1991	1996-98	(2)	For 8 MEKO-200ANZ Type (Anzac Class) frigates
UK	12	Hawk-100	FGA/trainer aircraft	1997	2000	(6)	Deal worth \$494 m incl 21 licensed production; Hawk-127 version; delivery 2000-2001
	6	MSTAR	Battlefield radar	1999	..	..	Deal worth \$32 m incl 55 licensed production; 'NINOX' programme; Australian designation Amstar; delivery from 2002
USA	(420)	ASRAAM	Air-to-air missile	1998	..	..	Deal worth \$362 m; for F/A-18 FGA aircraft; delivery 2001-2002
	4	Boeing-737 AEW	AEW&C aircraft	2000	..	..	Deal worth \$1.65 b; 'Wedgetail' programme; option on 3 more; delivery from 2006/2007
	12	C-130J-30 Hercules	Transport aircraft	1995	1999-2000	12	Deal worth \$3670 m; option on 12 more
	2	CH-47D Chinook	Helicopter	1998	2000	2	Deal worth \$45 m
	11	SH-2G Super Seasprite	AS/ASW helicopter	1997	..	..	Ex-US Navy SH-2F version rebuilt to SH-2G(A) version; deal worth \$550 m; incl some assembly in Australia; for Navy; delivery 2001-2002
	71	AN/APG-73	Aircraft radar	2000	..	..	For modernization of 71 F/A-18 FGA aircraft; delivery 2001/2002-2005
	4	AN/TPS-117	Surveillance radar	1998	2000	(1)	Contract not yet signed
	..	AIM-120B AMRAAM	Air-to-air missile	(2000)	..	..	Deal worth \$68-90 m; assembled in Australia
	51	Popeye-I	ASM	1998	2000	(5)	Deal worth \$90 m; for F-111C/G bomber aircraft
	8	Mk-45 127mm/54	Naval gun	(1989)	1994-99	(2)	For 8 MEKO-200ANZ Type (Anzac Class) frigates
	8	AN/SPS-49	Surveillance radar	1993	1996-98	(2)	For 8 MEKO-200ANZ Type (Anzac Class) frigates
	8	RGM-84A/C Harpoon	ShShM	(1999)	..	..	For 3 MEKO-200ANZ Type (Anzac Class) frigates
	..	RIM-7P Seasparrow	ShAM	(1991)	1996-99	(34)	For 5 new and 3 refitted MEKO-200ANZ Type (Anzac Class) frigates; contract not yet signed
	(36)	RIM-7PTC ESSM	ShAM	(2000)	..	..	For 6 refitted Adelaide (Perry) Class frigates; contract not yet signed
	(384)	(288)	RIM-7PTC ESSM	ShAM	(2000)	..	For 6 refitted Adelaide (Perry) Class frigates; contract not yet signed
L: Canada	82	Piranha/LAV-25	IFV	1998	..	..	Australian designation ASLAV-25; part of deal incl 68 other version assembled in Australia; delivery 2002-2005
Germany	8	MEKO-200ANZ Type	Frigate	1989	1996-98	2	Australian designation Anzac Class; delivery 1996-2004; more produced for export
Italy	6	Gaeta Class	MCM ship	1994	1999-2000	3	Deal worth \$636 m; Australian designation Huon Class; delivery 1999-2002
Sweden	6	Type-471	Submarine	1987	1996-99	3	Deal worth \$2.8 b; Australian designation Collins Class; delivery 1996-2001
UK	21	Hawk-100	FGA/trainer aircraft	1997	..	..	Deal worth \$494 m incl 12 delivered direct; Hawk-127 version; delivery 2001-2006
	55	MSTAR	Battlefield radar	1999	..	..	Deal worth \$32 m incl 6 delivered direct; 'NINOX' programme; Australian designation Amstar; delivery from 2002
Austria	S: Spain	1	CN-235 RBS-56 Bill-2	Transport aircraft	2000	1	6-month lease; CN-235-200 version
	Sweden	(1 700)	..	Anti-tank missile	1996	(600)	Austrian designation PAL-2000

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order or licensing	No. of deliveries	No. delivered/ produced	Comments
USA	9	S-70A UH-60L	Helicopter	2000		..	..	Deal worth \$183 m (incl. \$47 import duties; offsets worth \$394 m); incl for SAR; S-70A-42 version; option on 3 more
Bahrain								
S: USA	10	F-16C	FGA aircraft	1998	2000	(10)	..	'Peace Crown-2' deal worth \$303 m; option on more
	..	AGM-65D Maverick	ASM	1999		..	..
	26	AIM-120B AMRAAM	Air-to-air missile	1999		..	..	Deal worth \$110 m
	..	BGM-71D TOW-2	Anti-tank missile	2000		..	..	FMS deal
	30	MGM-140A ATACMS	SSM	2000		..	..	Deal worth \$30 m
Bangladesh								
S: China	4	F-7BS	Fighter aircraft	(1996)	1999-2000	4	4	FT-7 trainer version
Russia	8	MiG-29S/Fulcrum-C	FGA aircraft	1999	1999-2000	(8)	..	Deal worth \$124 m; incl 2 MiG-29UB trainer version
	(48)	AA-10a/b Alamo/R-27	Air-to-air missile	1999	1999	(12)	..	For 8 MiG-29S FGA aircraft
	(96)	AA-11 Archer/R-73	Air-to-air missile	1999	1999	(24)	..	For 8 MiG-29S FGA aircraft
	2	IL-117	Surveillance radar	1996	2000	2	2	Deal worth \$15 m
South Korea	1	Daewoo 2300t Type	Frigate	1998		..	..	Deal worth \$100 m; delivery 2001
	2	Sea Dolphin Class	Patrol craft	2000	2000	2	2	Ex-South Korean Navy; gift
USA	4	C-130B Hercules	Transport aircraft	1999	2000	(4)	..	Ex-US Air Force; refurbished before delivery; deal worth \$15 m
Belgium								
S: Israel	18	B-Hunter	UAV	1998		..	..	Deal worth \$72.7 m incl 3 control systems; delivery 2001
UK	1	Martello-S-723	Surveillance radar	(1999)		..	..	Ex-UK Air Force; delivery 2001
USA	(99)	AN/APG-66	Combat ac radar	1993	1997-2000	(48)	..	For 'Mid-life Update' (MLU) modernization of 99 F-16A/B FGA aircraft to F-16AM/BM (F-16C/D) version
L: Austria	54	Pandur	APC	1997	1998-2000	(54)	..	Incl 5 APC/CP, 4 ARV and 4 ambulance version; deal worth \$42 m (offsets 100%)
Bolivia								
S: Uruguay	11	T-34A/B Mentor	Trainer aircraft	2000	2000	(11)	..	Ex-Uruguayan Air Force

Botswana		1	C-130B Hercules	Transport aircraft	(1999)	..	Ex-US Air Force; refurbished before delivery
Brazil							
S: Austria	1	4K-4FA-SB20 Greif	ARV	2000	..	..	For Marines; delivery 2001
Canada	17	SK-105A1 Kurassier	Tank destroyer (G)	2000	..	..	For Marines; delivery 2001
	3	IRIS	AGS radar	1997	..	..	Deal worth \$143 m; for 3 ERJ-145RS/R-99B AEW aircraft; delivery 2001–2002
France	8	AS-532U2/AS-332L2	Helicopter	(2000)	2000	(4)	Deal worth \$90.5 m; for Army; delivery 2000–2001
	5	F-406 Caravan-2	Light transport ac	1998	1999–2000	(5)	Deal worth \$25.6 m; incl 1 for MP
	1	Clemenceau Class	Aircraft carrier	2000	..	..	Ex-French navy; deal worth \$10.5 m; Brazilian designation Sao Paulo Class; delivery 2001
Italy	48	Grifo	Combat ac radar	2000	..	..	For modernization of 48 F-5E/F FGA aircraft to F-5BR version by Israeli company
	13	Orion RTN-30X	Fire control radar	1995	2000	(5)	For refit of 6 Niteroi Class frigates; deal worth \$111.5 m incl 7 RAN-20S radars and 6 Albatros ShAM systems; probably incl 1 for training; delivery 2000–2001
	7	RAN-20S	Surveillance radar	1995	2000	(3)	For refit of 6 Niteroi Class frigates; deal worth \$111.5 m incl 13 RTN-30X radars and 6 Albatros ShAM systems; probably incl 1 for training; delivery 2000–2001
Sweden	(144)	Aspide Mk-1	ShAM	1996	2000	(72)	For 6 refitted Niteroi Class frigates; deal worth \$48.5 m; delivery 2000–2001
	5	PS-890 Erieeye	AEW radar	(1994)	..	..	Deal worth \$143 m; for 5 ERJ-145SA/R-99A AEW aircraft; delivery 2001–2002
USA	9	P-3A Orion	ASW/MP aircraft	1999	..	..	Ex-US Navy; refurbished before delivery; 3 more ordered for spares only; delivery 2002
	6	AN/TPS-34	Surveillance radar	1997	1999–2000	(3)	For 'SIVAM' air surveillance network; TPS-B-34 version
	20	RGM-84A/C Harpoon	ShShM	(1999)	..	..	FMS deal worth \$39 m; could be AGM-84 version
L: Germany		1	SNAC-1	Submarine	1995	..	Brazilian designation Tikuna Class; delivery 2003
S: France	3	Type-209/1400	Submarine	1984	1994–2000	3	..
Singapore	2	Grajau Class	Patrol craft	1996	1999–2000	2	Brazilian designation Tupi Class
Brunei							
S: France	(19)	VAB-VTT NG	APC	(1999)	..	..	Incl 6 ambulance version; delivery probably 2001
	(50)	Mistral	Portable SAM	1998	2000	(50)	Deal worth \$30 m
Indonesia	3	CN-235MPA	MP aircraft	(1995)	..	..	Status uncertain
UK	3	Yarrow-95m Type	Frigate	1998	..	..	Delivery from 2002

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensing	No. delivered/ produced	Comments
Canada S: Germany	121	Leopard-1A5 turret	Turret	1996	1999-2000	(121)	Ex-FRG Army; deal worth \$105 m; refurbished before delivery; for modernization of 114 Canadian Leopard-1 (Leopard C1) tanks to Leopard C2 version; incl 5 for training and 2 as spare turret; 2 more delivered for testing only
Italy	15	EH-101-500	Helicopter	1998	..	..	Deal worth \$404 m (offsets 110%); for SAR; Canadian designation AW-520 Cormorant; delivery 2001-2002
UK	18	Hawk-100	FGA/trainer aircraft	1997	2000	(6)	Deal worth \$574 m; for civilian company for training of pilots from Canadian and other air forces under 'NATO Flying Training in Canada' (NFTC) programme; Hawk Mk-115 version; Canadian designation CT-155; delivery 2000-2001
	1	Hawk-100	FGA/trainer aircraft	2000	..	..	For civilian company for training of pilots from Canadian and other air forces under 'NATO Flying Training in Canada' (NFTC) programme; option on 2 more; Hawk Mk-115 version; Canadian designation CT-155; delivery 2001 or 2002
	4	Upholder Class	Submarine	1998	2000	1	Ex-UK Navy; lease worth \$504 m; in exchange for 8 year UK use of Canadian bases for training; Canadian designation Victoria Class; delivery 2000-2001/2002
USA	24	PC-9/T-6A Texan-2	Trainer aircraft	1997	2000	24	For civilian company for training of pilots from Canadian and other air forces under 'NATO Flying Training in Canada' (NFTC) programme; T-6A-1 version
	..	AGM-65G Maverick	ASM	(1999)	2000	(10)	FMS deal
L: Switzerland	240	Piranha/LAV-25	IFV	1997	1998-2000	(240)	Deal worth \$358 m; Canadian designation Kodiak; delivery 1998-2000
	120	Piranha/LAV-25	IFV	1998	2000	(120)	Deal worth \$163 m; Canadian designation Kodiak
	120	Piranha/LAV-25	IFV	1999	..	..	Canadian designation Kodiak; deal worth \$169 m; delivery probably 2001
	171	Piranha/LAV-25	IFV	(1999)	..	..	Canadian designation Kodiak; incl 71 tank-destroyer, 39 AEV and 47 artillery fire control version; delivery probably 2002-2003
Cape Verde S: Malawi	1	Do-228-200	Transport aircraft	1999	2000	1	Second-hand
Chile S: France	1	Scorpene Class	Submarine	1997	..	..	'Neptune' programme worth \$400 m incl 1 from Spain; Chilean designation Hyatt Class; delivery 2004

Netherlands	200	Leopard-1V	Main battle tank	1998	1998–2000	(200)	Ex-Dutch Army; refurbished before delivery; deal worth \$46 m
Spain	1	Scorpene Class	Submarine	1997	..	..	'Neptune' programme worth \$400 m incl 1 from France; Chilean designation
UK	(6)	Rayo	MRL	1995	..	..	Hyatt Class; delivery 2006
USA	(10)	F-16C	FGA aircraft	2000	..	..	Assembled in Chile; rockets produced in Chile; status uncertain
Unknown	(12)	Bell-412	Helicopter	2000	2000	(1)	FMS deal worth \$600 m; 'Caza-2000' or 'F-2000' programme; contract not yet signed; delivery from 2004/2005 Second-hand
L: Switzerland							
	(100)	Piranha 8x8D	APC	(1991)	1994–2000	(100)	No. delivered could be 120
China							
S: France	(14)	Castor-2B	Fire control radar	(1986)	1994–2000	(11)	For 2 Luhu Class (Type-052), 2 Luhai Class and refit of 2 Luda-1 Class (Type-051) destroyers and for 8 Jiangwei-2 Class frigates; probably assembled in China; for use with Crotale EDIR (Chinese designation HQ-7) ShAM system
	(336)	R-440N Crotale	ShAM	1986	1990–2000	(300)	For 2 Luhu Class (Type-052), 2 Luhai Class and 2 refitted Luda-1 Class (Type-051) destroyers and for 8 Jiangwei-2 Class frigates; possibly assembled or produced in China; US/NATO designation of Chinese Crotale CSA-4
Italy	(18)	Orion RTN-20S	Fire control radar	(1985)	1991–99	(15)	For use with Chinese 37mm version of Dardo 40mm guns on 2 Luhu, 1 Luda-3 and 2 Luhai Class destroyers and 7 Houjian Class FAC; more produced for export; Chinese designation Type-347G
Russia	28	Su-27SK/Flanker-B	FGA aircraft	(2000)	2000	8	Deal worth \$1 b; Su-27UBK trainer version; payment for Russian debt to China; delivery 2000–2002
	50	Su-27SK/Flanker-B	FGA aircraft	1996	1998–2000	(9)	Assembled in China; prior to licensed production; deal worth \$1.46–2.5 b incl 150 licensed production; Chinese designation J-11; delivery 1998–2007/2008
	(30)	Su-30MK/Flanker	FGA aircraft	1999	2000	10	Deal worth \$2 b; no ordered could be up to 45; possibly option on up to 40 more; Russian export designation Su-30MKK
	(100)	AA-12 Adder/R-77	Air-to-air missile	(2000)	..	..	For Su-30MKK and Su-27UBK FGA aircraft; Chinese designation R-129
20	SA-15/9A331 Tor-M1	Mobile SAM system	1998	2000	(20)	Payment for Russian debt to China	
(320)	SA-15 Gauntlet/9M330	SAM	1998	2000	(320)	For 20 SA-15/Tor-M1 SAM systems; payment for Russian debt to China	
..	AS-17 Krypton/X-31A1	Air-to-ship missile	(1997)	..	..	For 1-8M11M and/or 1H-7 FGA aircraft; may incl AR/M version; may incl assembly or licensed production in China; status uncertain	
2	Sovremenny Class	Destroyer	1996	1999–2000	2	Originally ordered for Soviet/Russian Navy but cancelled before completion, modernized and sold to China; Russian designation Project 956E	
(132)	SA-N-7 Gaddfly/Smerch	ShAM	1996	1999–2000	(132)	For 2 Sovremenny Class destroyers; could be SA-N-12/17	
(50)	SS-N-22 Sunburn/P-80	ShShM	2000	2000	(50)	For 2 Sovremenny Class destroyers	
2	Sovremenny Class	Destroyer	(2000)	..	..	Contract not yet signed; status uncertain	

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensing	No. delivered/ produced	Comments
UK	(6)	Searchwater	AEW radar	1996	1999	1	Deal worth \$62 m; for Navy; for Y-8 AEW and MP aircraft or possibly SA-341/Z-8 helicopters
L: France	(20)	AS-350B Ecureuil AS-365N Dauphin-2	Light helicopter	(1992)	1994-2000	(7)	Chinese designation Z-11
	..		Helicopter	1988	1992-2000	(14)	Chinese designation Z-9A-100 Huitun and Z-9G; more produced for civilian customers
Israel	..	Python-3 Su-27SK/Fanker-B	Air-to-air missile FGA aircraft	1990 1996	1990-2000	(2 750)	Chinese designation PL-8; no. delivered could be much lower or higher Deal worth \$1.46-2.5 b incl 50 assembled in China; Chinese designation J-11; delivery 1998-2007/2008 incl 50 assembled in China
Colombia S: USA	25	Bell-205/UH-1H	Helicopter	1998	1999-2000	(25)	Ex-US Army; refurbished before delivery; for Police anti-narcotics operations; aid
	(42)	Bell-205/UH-1H	Helicopter	(2000)	..	..	Ex-US Army; art of \$1.3 b 'Plan Colombia' anti-narcotics aid; deal worth \$439 m incl 16 S-70 helicopters; refurbished to Huey-II before delivery
	15	Bell-212/UH-1N	Helicopter	2000	2000	15	Ex-Canadian Air Force helicopters bought by US and delivered to Colombia for anti-narcotics operations
	6	S-70A/UH-60L	Helicopter	1998	1999-2000	(6)	For Police anti-narcotics operations; aid worth \$96 m
	14	S-70A/UH-60L	Helicopter	2000	..	..	FMS deal worth \$106 m; incl 17 for Army; delivery 2001
	16	S-70A/UH-60L	Helicopter	2000	..	..	Part of \$1.3 b 'Plan Colombia' anti-narcotics aid; FMS deal worth \$116 m; incl 2 for Police; delivery 2001
Congo (DRC) S: Georgia	(10)	Su-25/Frogfoot-A	Ground attack ac	1999	1999-2000	(10)	Possibly second-hand and refurbished before delivery
Croatia S: USA	5	AN/FPS-117	Surveillance radar	1999	2000	(5)	Deal worth \$94 m
Cyprus S: Canada France Greece	4 .. 2	Bell-412EP Milan-3 Osprey-55 Type	Helicopter Anti-tank missile Patrol craft	(2000) 2000 1995	2000 .. 1	......	..

Czech Republic	S: Bulgaria	(40)	AT-6 Spiral/9M114	Anti-tank missile	1998	1999-2000	(40)	Part of deal worth \$1.8 m for 80 AT-6 missiles from Ukraine and Bulgaria; probably second-hand
	Ukraine	(10)	AT-6 Spiral/9M114	Anti-tank missile	2000	2000	(10)	Supplier could be Ukraine
		(40)	AT-6 Spiral/9M114	Anti-tank missile	1998	1999-2000	(40)	Part of deal worth \$1.8 m for 80 AT-6 missiles from Ukraine and Bulgaria; probably second-hand
		(10)	AT-6 Spiral/9M114	Anti-tank missile	2000	2000	(10)	Supplier could be Bulgaria
Denmark								
S: Canada	2	Challenger-604	Transport aircraft	2000	1997	1999-2000	(5)	For MP, medical evacuation and VIP transport
Norway	8	Arthur	Tracking radar	1997	1997	1999-2000	(22)	Deal worth \$40 m
Switzerland	22	Piranha-3 8x8	APC	1997	1997	1999-2000	(22)	Incl 18 APC, 2 CP and 2 ARV versions; incl 20 assembled in Denmark
USA	3	C-130J-30 Hercules	Transport aircraft	2000	..	..	..	Delivery from 2003
	61	AN/APG-66	Combat ac radar	1993	1997	1997-2000	(61)	For 'Mid-Life Update' (MLU) modernization of 61 F-16A/B FGA aircraft to F-16AM/BM (F-16C/D) version
Dominican Republic								
S: Chile	(8)	T-35 Pilan	Trainer aircraft	1998	1999	1999-2000	(8)	
Spain	2	C-212 Aviocar	Transport aircraft	1999	2000	2000	2	C-212-400 version
	1	C-212 Aviocar	Transport aircraft	2000	2000	2000	1	C-212-400 version
Ecuador								
S: Israel	(48)	Python-4	Air-to-air missile	(1996)	1999	1999-2000	(48)	Designation uncertain; for 8 Kfir CE (modernized Kfir C2) FGA aircraft
Egypt								
S: Finland	..	155-GH-52-APU	Towed gun	1999	2000	2000	..	Deal worth \$21 m; incl assembly in Egypt; contract not yet signed
Germany	74	G-115D	Trainer aircraft	2000	2000	2000	8	G-115EG version; delivery 2000-2002
USA	21	F-16C	FGA aircraft	1996	1999	1999	(21)	'Peace Vector-5' FMS deal; aid
	24	F-16C	FGA aircraft	1999	..	..	..	'Peace Vector-6' FMS deal worth \$1.2 b; incl 12 F-16D trainer version; delivery 2001-2002
	24	M-109/SP-122 122mm	Self-propelled gun	1999	2000	2000	24	Deal worth \$27 m; delivery 2000
	50	M-38A2 Hercules	ARV	1998	2000	2000	(5)	FMS deal worth \$197.9 m; assembled in Egypt; delivery 2000-2002
	13	M-38A2 Hercules	ARV	2000	..	..	..	FMS deal worth \$138 m; for modernization of 5 E-2C AEW&C aircraft; delivery from 2002
	5	AN/APS-145	AEW radar	(1999)	..	..	..	Ex-US Army; FMS deal worth \$206 m; refurbished before delivery
	8	I-HAWK	SAM system	(1996)	1998	1998-2000	(5)	Ex-US Army
	180	MIM-23B HAWK	SAM	1996	1998	1998-2000	(100)	..
	(2 372)	BGM-71D TOW-2	Anti-tank missile	1996	1998	1998-2000	(2 250)	Deal worth \$59 m

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licensure	Year(s) of deliveries	No. delivered/ produced	Comments
L: China	1 058	FIM-92A Stinger	Portable SAM	1998	2000	(100)	For 50 Avenger air-defence systems
Germany	..	FIM-92A Stinger	Portable SAM	2000	..	..	FMS deal; for 24 Avenger air-defence systems
USA	42	RGM-84A/C Harpoon	ShShM	1998	1999–2000	(42)	Deal worth \$400 m; delivery 2004–2005
	4	Ambassador Type	FAC(M)	2000	..	..
Estonia							
S: Denmark	1	Beskysteren Class	Jet trainer aircraft	(2000)	..	..	Deal worth \$345 m; K-8E version
Germany	1	Lindau Class	APC	1978	1986–2000	(680)	Developed for production in Egypt; more produced for export
			Main battle tank	1999	2000	(20)	FMS deal worth \$564 m; option on 100 more
			Air-to-air missile	(1988)	1989–2000	(5 050)	
Ethiopia							
S: Czech Republic	(4)	L-39C Albatros	OPV	2000	..	..	Ex-Danish Navy; aid
Russia	4	Su-25F/Frogfoot-A	Minesweeper	1999	2000	1	Ex-FRG Navy; gift
Finland							
S: Israel	..	NT-D Spike/NT-G Gill	Anti-tank missile	2000	..	..	Deal worth \$30 m; assembled in Germany; Spike-2.5 version
Sweden	57	CV-9030	IFV	(2000)	..	..	Deal worth \$176 m (offsets incl production of components in Finland);
USA	64	F/A-18C Hornet	FGA aircraft	1992	1995–2000	(64)	‘TA-2000’ project; delivery 2002–2005
	(384)	AIM-120A AMRAAM	Air-to-air missile	1992	1998–2000	(384)	Incl 57 assembled in Finland; incl 17 F/A-18D trainer version
	480	AIM-9S Sidewinder	Air-to-air missile	1992	1996–2000	(480)	For 64 F/A-18C/D FGA aircraft
France							
S: Spain	7	CN-235	Transport aircraft	1996	1998–2000	7	Deal worth \$90 m (offsets 100%, incl Spanish order for 15 AS-552UL
Sweden	12	Bv-206S	APC	1999	2000	12	Deal worth \$5.9 m; mainly for use by French peacekeeping forces; option on
USA	1	E-2C Hawkeye	AEW&C aircraft	1999	..	..	6 more For Navy

Georgia							
S: Czech Republic	(120)	T-55AM-2	Main battle tank	1998	(20)		
USA	6	Bell-205/UH-1H	Helicopter	1999	(6)	Ex-Czech Army; incl some T-54 tanks Ex-US Army; EDA aid; 4 more delivered for spares only	
Germany							
S: Netherlands	3	APAR	Surveillance radar	(1997)	..	For 3 Sachsen Class (Type-124) frigates; delivery 2002–2005	
	3	SMART-L	Surveillance radar	(1997)	..	For 3 Sachsen Class (Type-124) frigates; delivery 2002–2005	
Sweden	30	Bv-206S	APC	(2000)	..	Incl APC/CP and ambulance version; contract not yet signed	
	10	HARD	Surveillance radar	1998	..	For ASRAD SAM systems; delivery 2000–2003	
UK	7	Super Lynx	AS/ASW helicopter	1996	(1)	Deal worth \$154 m; for Navy; Lynx Mk-58A version	
	17	Seaspray-3000	MP aircraft radar	1999	(7)	Part of \$125 m modernization of 17 Lynx helicopters to Super Lynx version	
USA	320	AIM-120B AMRAAM	Air-to-air missile	1995	..	For F/AF FGA aircraft; deal worth \$170 m	
L: USA	(1 400)	FIM-92C Stinger	Portable SAM	1986	(900)	FRG designation Fliegerfaust-2; part of 'European Stinger Production Programme' involving production of components in FRG, Greece, Netherlands and Turkey and final assembly in FRG; delivery 1998–2001/2002	
Ghana							
S: UK	..	Tactica	APC	2000	..	Deal worth \$9 m	
Greece							
S: Brazil	4	ERJ-145	Transport aircraft	1999	..	For modification to AEW&C aircraft in Sweden with Erieye radars; option on 2 more; delivery as AEW&C aircraft from Sweden to Greece from 2002	
France	4	AS-532UL/AS-332L1	Helicopter	2000	..	Deal worth \$90 m (offsets 90%); for combat SAR; option on 2 more transport version; delivery 2003	
	15	Mirage-2000-5	FGA aircraft	2000	..	Deal worth \$1.4 b incl 200 MICA and 56 Scalp-EG missiles and modernization of 10 Mirage-2000EG to Mirage-2000-5; delivery 2003–2004	
	200	MICA-EM/IR	Air-to-air missile	2000	..	Deal worth \$1.4 b incl 15 Mirage-2000-5 FGA aircraft, 56 Scalp-EG missiles and modernization of 10 Mirage-2000EG to Mirage-2000-5; MICA-EM and MICA-IR version	
	56	Storm Shadow/SCALP	ASM	2000	..	Deal worth \$1.4 b incl 15 Mirage-2000-5 FGA aircraft, 200 MICA missiles and modernization of 10 Mirage-2000EG to Mirage-2000-5	
	25	VBL	Recon vehicle	1999	(25)	Incl 9 for Air Force and 2 for Navy; deal worth \$266 m (incl offsets)	
	11	Crotale-NG	SAM system	1999	..	For 11 Crotale NG SAM systems	
(176)	VT-1	..	..	1998	..	For Mirage-2000 FGA aircraft	
(39)	AM-39 Exocet	Air-to-ship missile	(1997)	1998–2000	(39)	Contract not yet signed; option on 30 more; delivery from 2003	
Germany	60	Eurofighter/Typhoon	FGA aircraft	2000	..		

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ deliveries	No. delivered/ produced	Comments
	175	Leopard-1A5	Main battle tank	1997	1998-2000	(175)	Ex-FRG Army; offsets for Greek order for modernization of F-4E FGa aircraft in FRG
(36)	AN/APG-65	Combat ac radar	1997		..		Part of \$315 m 'Peace Icarus-2000' modernization programme of 36 F-4E FGa aircraft; delivery from 2001
5	TRS-3050 Triton-G	Surveillance radar	(1986)	1994-2000	(5)		For 5 Jason Class landing ships; probably ex-FRG Navy; refurbished before delivery
5	TRS-3220 Pollux	Fire control radar	(1986)	1994-2000	(5)		For 5 Jason Class landing ships; probably ex-FRG Navy; refurbished before delivery
54	ASRAD FIM-92C Stinger FIM-92C Stinger	SAM system Portable SAM Portable SAM	2000 2000 1986	1998-2000	.. .. (230)		Deal worth \$134 m incl ASRAD launchers; delivery from 2002
(432)	(350)						Part of 'European Stinger Production Programme' involving production of components in FRG, Greece, Netherlands and Turkey and final assembly in FRG; delivery 1998-2001/2002
	54	ASRAD FIM-92C Stinger FIM-92C Stinger	SAM system Portable SAM Portable SAM	2000 2000 1986	1998-2000	.. .. (230)	Deal worth \$250 m incl 13 launchers; for 3 Super Vita Class FAC
(126)	2	RIM-116A RAM Combatante-2 Type	ShAM FAC(M) Submarine	2000 2000 2000	2000	2	Ex-FRG Navy; part of deal for 3 Type-214 submarines
	1	Type-214				..	Deal worth \$919 m incl 12 licensed production (offsets 115%); Greek designation Katsonis Class; delivery 2005
Netherlands	(7)	LIROD Variant MW-08	Fire control radar Surveillance radar Surveillance radar	2000 2000 2000	.. .. ..		For 3 Super Vita Class and 4 Osprey-55 Type (Pipolitis Class) FAC
	3	STING	Fire control radar Surveillance radar	2000 2000	.. ..		For 3 Super Vita Class and 4 Osprey-55 Type (Pipolitis Class) FAC
	3	Scout	Surveillance radar	2000	..		For 3 Super Vita Class FAC
Russia	29	SA-15/9A331 Tor-M1	Mobile SAM system	2000	..		For 3 Super Vita Class FAC
	10	SA-15/9A331 Tor-M1	Mobile SAM system	2000	2000	4	Deal worth \$300 m; replacing 6 of first order for 21 transferred to Cyprus and 4 transferred to Air Force; delivery 2000-2001
(663)	15	SA-15 Gauntlet/9M330 SA-15/9A331 Tor-M1	SAM Mobile SAM system	(2000) 1999	2000 1999-2000	(100) (15)	For 39 SA-15/Tor M-1 SAM systems
							Deal worth \$519-560 m (offsets 100%) incl missiles; original order for 21, but 6 diverted from Greece to Cyprus as compensation for Cypriot SA-10 SAM system stationed in Greece
(255)	2	SA-15 Gauntlet/9M330 Pomornik Class	SAM ACV/landing craft	1999	1999-2000	(255)	Deal worth \$519-560 m (offsets 100%) incl 15 SA-15/Tor M-1 SAM systems
Sweden	2	Saab-340AEW	AEW&C aircraft	2000 1999	2000	1	Deal worth \$102 m; delivery 2000-2001
	4	PS-890 Erieye	AEW radar	1999		..	Originally produced for Sweden but on loan till delivery of EMB-145SA AEW&C aircraft
UK	2	Hunt Class	MCM ship	1999	2000	1	For modification of 4 EMB-145 transport aircraft delivered from Brazil to AEW&C aircraft; deal worth \$476 m; option on 2 more; delivery from 2002 Ex-UK Navy; part of order for 3 Super Vita Class FAC; delivery 2000-2001

USA	7 (50)	CH-47D Chinook F-16C	Helicopter FGA aircraft	1999 2000	FMS deal worth \$376 m; for delivery 2001 Deal worth \$2.1 b; incl 16 F-16D trainer version; option on 10 more; delivery 2002–2004.
	45	PC-9/T-6A Texan-2	Trainer aircraft	1999 2000	(3)	Deal worth \$223 m (offsets 120% incl production in Greece of parts for 300 PC-9/T-6A); option on 5 more; delivery 2000–2003
2	S-70B(SH-60B) Seahawk Super King Air-200	AS/ASW helicopter Light transport ac	2000 2000	.. ..	For Navy; S-70B-6 Aegean Hawk version; option on 2 more FMS deal worth \$11.4 m; for photographic reconnaissance and survey; C-12R/AP version; delivery 2001
18	M-270 MLRS 227mm	MRL	1998 2000	(18)	FMS deal worth \$54.9 m (\$24.5 m incl 81 MGM-140A ATACMS SSMs, 11 M-577 APC/CPs, ammunition, trucks and radios)	
126	M-106A2 107mm M-113A2	APC/mortar carrier APC	(1999) (1998)	.. (6)	Ex-US Army; EDA aid; incl 3 M-106A1 version	
37	M-125A2 81mm	APC/mortar carrier	(1999)	..	Ex-US Army; M-577A2 APC/CP version; EDA aid	
7	M-728	AEV	(2000)	..	Ex-US Army; EDA aid	
4	Patriot	SAM system	1999	..	Deal worth \$887 m (\$1.13 b incl option on 2 more; offsets 120%); delivery 2001–2002	
..	MIM-104 PAC-2 AGM-114K Hellfire	SAM Anti-tank missile	(1998) 1998	.. ..	For 4 Patriot SAM systems
248	AIM-120B AMRAAM AIM-7M Sparrow	Air-to-air missile Air-to-air missile	1996 (2000)	(50)	FMS deal worth \$24 m; for AH-64A helicopters Deal worth \$90 m incl 84 AGM-88B missiles; for F-16C FGFA aircraft	
50	AIM-7M Sparrow	Air-to-air missile	1998	..	Ex-US; EDA aid; designation uncertain	
(30)	MGM-140A ATACMS	SSM	1998	(30)	FMS deal worth \$245 m incl 18 M-270 MRRLs MRLs, 11 M-577 APC/CPs, ammunition, trucks and radios	
(51)	MGM-140A ATACMS RIM-66B Standard-1MR	SSM ShAM	1999	..	FMS deal	
208	Pomornik Class	ACV/landing craft	1999 2000	..	Ex-US Navy; EDA aid Deal worth \$98.5 m; delivery 2001	
Ukraine	2	Osprey-55 Type Type-2144	Patrol craft Submarine	1999 2000	Greek designation Pipolitis Class or Hellenic-56 Type; delivery from 2002 Deal worth \$919 m incl 1 direct delivered (offsets 115%); Greek designation Kalsonis Class; option on 1 more; delivery 2007
L: Denmark Germany	4 2	Etna Class Super Vittoria type	Support ship FAC(M)	1999 1999	Deal worth \$128 m; delivery 2004 Deal worth \$324 m; option on 4 more; delivery 2003–2004
Hungary S: Russia	555	BTR-80	APC	1994 1996–2000	555	Deal worth \$320 m; payment for Russian debt to Hungary; incl 68 for Border Guard
India S: France	10	Mirage-2000E	FGA aircraft	2000	..	Deal worth \$325 m; Mirage-2000H version; incl 6 Mirage-2000TH trainer version; Indian designation Vajra; delivery 2003

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensing	No. delivered/ produced	Comments
Germany	2	Type-200/1500	Submarine	1999	..	..	Indian designation Project-75 and Shishumar Class; delivery 2006-2008; status uncertain
Israel	10 (56) (200) (1)	Searcher EL/M-2032 EL/M-2129 EL/M-2140 EL/M-2221	UAV Combat ac radar Artillery radar Battlefield radar Fire control radar	(2000) 1996 1999 1999 (2000)	1997-2000 (10)	.. .. .. ..	For modernization of 10 Jaguar-M FGA aircraft
Italy	.. (40) (6)	Barak Harpy Seaguard TMX	SAM/ShAM Anti-radar UAV Fire control radar	(2000) 1997 1993	1999-2000 1998	(40) (2)	For refit of 1 Virat (Hermes) Class aircraft carrier; part of Barak ShAM system; contract not yet signed For 1 refitted Virat (Hermes) Class aircraft carrier; contract not yet signed
Netherlands	3	LW-08	Surveillance radar	(1989)	1998	(1)	For 3 Brahmputra Class (Project-16A Type) frigates; for use with AK-630 30mm CIWS
	6	ZW-06	Surveillance radar	(1989)	1998	(2)	For 3 Brahmputra Class (Project-16A Type) frigates; incl assembly in India; Indian designation RALW
	3	LW-08	Surveillance radar	(1996)	1997-99	(2)	For 3 Brahmputra Class (Project-16A Type) frigates; incl assembly in India; Indian designation RALW
	6	ZW-06	Surveillance radar	1990	1997-99	(4)	For 3 Delhi Class (Project-15 Type) destroyers; incl assembly in India; Indian designation Rashmi
Poland	44	WZT-3	ARV	1999	..	..	Deal worth \$31.1 m
Russia	4 40	Ka-31/Helix Mi-17/Hip-H	AEW helicopter Helicopter	1999 2000	.. 2000	.. 8	For Navy; deal worth \$92 m; delivery 2001-2002 Deal worth \$170 m; delivery 2000-2001; to be modified after delivery to combat helicopter
	.. 40	AT-16/9M120 Su-30MK/Flanker	Anti-tank missile FGA aircraft	(2000) 1996	1997-99	18	For 40 Mi-17 combat helicopters; delivery after 2001 Deal worth \$1.55-1.8 b; Su-30MKI version; ordered while still being developed and first 16 delivered as Su-30K version to be modified to Su-30MK after delivery; planned delivery delayed by at least 2 years; delivery 1997-2003/2004
	10	Su-30MK/Flanker	FGA aircraft	1998	..	..	Su-30MKI version; ordered while still being developed; planned delivery delayed by at least two years; delivery 2003/2004
	(360) (720) ..	AA-10c/d Alamo/R-27E AA-11 Archer/R-73 AA-12 Adder/R-77	Air-to-air missile Air-to-air missile Air-to-air missile	(1996) (1996) (2000)	1997-99 1997 ..	(180) (144) ..	For Su-30MK FGA aircraft For Su-30MK FGA aircraft For Su-30MK FGA aircraft and 125 MiG-21-93 (modernized MiG-21bis) fighter aircraft; possibly also for MiG-29 fighter aircraft
	6	Tu-142M/Bear-F	ASW/MP aircraft	2000	..	..	Ex-Russian Navy; refurbished before delivery; status uncertain

(4)	Tu-22M3 Backfire-C	Bomber aircraft	2000	..	Ex-Russian Air Force; for Navy; lease
(4)	140mm RL	Naval MRL	(1992)	1997	For 2 Magar Class landing ships; designation uncertain
(6)	BM-9A52/BM-23	MRL	(1998)	..	Status uncertain
(45)	2S6M Tunguska	AAV(G/M)	1998	..	Status uncertain
(720)	SA-19 Grison/57E6YE	SAM	(1998)	..	For 45 2S6 AAV(G/M)s; status uncertain
(124)	T-90	Main battle tank	(2000)	..	Ordered as reaction on Pakistani acquisition of 320 T-80UB tanks; contract not yet signed; delivery 2003-2004
3	AK-100 100mm L/59	Naval gun	(1986)	1997-99	For 3 Delhi Class (Project-15 Type) destroyers; ordered from Soviet Union and delivered from Russia after breakup of Soviet Union
3	Garpun	Fire control radar	(1993)	1997-99	For 3 Delhi Class (Project-15 Type) destroyers; for use with SS-N-25 ShShMs
3	Kite Serech	Fire control radar	(1986)	1997-99	For 3 Delhi Class (Project-15 Type) destroyers; for use with AK-100 100mm gun; ordered from Soviet Union and delivered from Russia after breakup of Soviet Union
18	Front Dome	Fire control radar	(1986)	1997-99	For 3 Delhi Class (Project-15 Type) destroyers; for use with SA-N-7 SHAM system; ordered from Soviet Union and delivered from Russia after breakup of Soviet Union
(216)	SA-N-7 Gadfly/Smerch	ShAM	(1986)	1997-2000	For 3 Dahi Class (Project-15 Type) destroyers; ordered from Soviet Union and delivered from Russia after breakup of Soviet Union
(98)	SS-N-25/Kh-35 Uran Bass Tilt	ShShM	1992	1997-2000	For 3 Dahi Class (Project-15 Type) destroyers
4	Cross Dome	Fire control radar	1992	1998-2000	For 4 Kora Class (Project-25A Type) corvettes; for use with 76mm gun and AK-630 30mm CIWS
4	Plank Shave	Surveillance radar	1992	1998-2000	For 4 Kora Class (Project-25A Type) corvettes
(128)	SS-N-25/Kh-35 Uran Garpun	ShShM	1992	1998-2000	For 4 Kora Class (Project-25A Type) corvettes
3	Head Net-C	Surveillance radar	1992	1998	For 4 Kora Class (Project-25A Type) corvettes
3	SA-N-4/ZHF-22	ShAM system	(1992)	1998	For 3 Brahmaputra Class (Project-16A Type) frigates; for use with SS-N-25 ShShM system
(90)	SA-N-4 Gecko/Osa-M	ShAM	(1992)	1998	For 3 Brahmaputra Class (Project-16A Type) frigates; ordered from Soviet Union and delivered from Russia after breakup of Soviet Union
125	Kopyo	Combat ac radar	1996	2000	For 3 Brahmaputra Class (Project-16A Type) frigates; probably ordered from Soviet Union and delivered from Russia after breakup of Soviet Union
(4)	SA-12/S-300V	SAM system	2000	..	Part of deal worth \$428 m for modernization of 125 MiG-21bis fighter aircraft to MiG-21-93 version; option on 50 more
150	SA-12b Giant/9M82	SAM	2000	..	Deal worth \$1.5 b or \$2.5 b incl 150 missiles; status uncertain
(250)	SA-14 Gremlin/Strela-3	Portable SAM	(1992)	1997-2000	Deal worth \$1.5 b or \$2.5 b incl 4 SA-12 SAM systems; status uncertain
(48)	SS-N-2d Styx/P-21	ShShM	(1983)	1992-2000	SA-N-8 ShAM for use in Pauk Class patrol craft and Kilo Class submarines
				(44)	For Tarantul-1 (Vibuthi) Class FAC; probably ordered from Soviet Union and delivered from Russia after breakup of Soviet Union

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of deliveries	No. delivered/ produced	Comments
L: France	1	Gorshkov Class	Aircraft carrier	(2000)	..	..	Ex-Russian Navy; refitted and modified from VTOL carrier to conventional take-off/landing carrier; contract not yet signed; delivery 2004/2005
Germany	2	Kilo Class/Type-877E	Submarine	1997	1997-2000	2	Incl 1 originally built for Russian Navy, but sold to India before completion; Indian designation Sindhughosh Class; possibly incl 1 Type-636 version
Netherlands	3	Krivak-4 Class	Frigate	1997	..	..	Deal worth Rs35.4 b (\$1 b); Indian designation Talwar Class; delivery delayed from 2001/2002 to 2002/2003 owing to financial problems of producer; ordered due to problems with indigenous production of major warships
Russia	.. (80) 42 (66)	SA-N-9 Tor-M SS-N-27/3M-54 Alfa VT-72B Hawk-100	ShAM ShShM ARV FGA/trainer aircraft	(1997) (1998) 1999 (2000)	.. .. .. ..	.. .. .. ..	For 3 Krivak-4 Class frigates; status uncertain For 2-to 4 Kilo Class submarines and 3 Krivak-4 Class frigates Deal worth \$30.4 m 'Advanced Jet Trainer' (AJT) programme; contract not yet signed; incl assembly and/or licensing production in India
Ukraine	.. (360)	Super Marec AA-10ab Alamo/R-27 IL-78M/Midas	MP aircraft radar Air-to-air missile Tanker aircraft	(1994) (1996) (2000)	1995-2000 1997-99 ..	(18) (18) ..	For Do-228-200M MP aircraft For Su-30MK FGA aircraft; designation uncertain
Uzbekistan	(4)						
L: France	..	Milan-2	Anti-tank missile	1992	1993-2000	(17 500)	Incl for BMP-2 IFVs
Germany	33	Do-228-200MP	MP aircraft	1983	1988-99	(22)	For Coast Guard
Netherlands	1	Aditya Class	Support ship	1987	2000	1	Designed for production in India; option on 1 more not used
Russia	(20) 140 (350)	Reporter Su-30MK/F flanker T-72M1	Surveillance radar FGA aircraft Main battle tank	(1997) 2000 (1980)	1998-2000 1992-2000 (350)	.. .. ..	Deal worth \$3 b; Su-30MKI version; for delivery 2005-17 Indian designation Ajeya; no, could be considerably higher; ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union Ordered as reaction on Pakistani acquisition of 320 T-80UB tanks; contract not yet signed; delivery from 2004
	(186)	T-90	MBT	(2000)	..	..	For BMP-2 IFVs; ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union Indian designation Vibhuti Class; ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union; for delivery 1992-2001 Indian designation Shamsheer, Jaguar-B trainer version; delivery 2001
Indonesia							
S: Canada France	(6) (13)	AN/APG-504(V) AS-332B Super Puma	MP aircraft radar Helicopter	(1995) 1997	2000 2000	(1) (5)	For 6 CN-235MPA MP aircraft produced in Indonesia Incl 6 for SAR; 3 more ordered for VIP transport

Netherlands	9	Ocean Master	MP aircraft radar	1996	2000	(7)	For 6 C-212MP MP aircraft and 3 Bo-105 helicopters
	4	LIROD	Fire control radar	(1994)	1999-2000	(4)	Deal worth \$42 m incl 4 Variant radars; for 4 PB-57 Type (Singa Class) patrol craft
Russia	4	Variant	Surveillance radar	(1999)	1999-2000	(4)	Deal worth \$42 m incl 4 LIROD radars; for 4 PB-57 Type (Singa Class) patrol craft
UK	(2)	Mi-17/Hip-H	Helicopter	(2000)	..	..	For Marines; no. ordered could be 4; contract not yet signed; delivery 2001
	16	Hawk-200	FGA aircraft	1996	1999-2000	16	Deal worth \$266 m; Hawk Mk-209 version; some components for last 6
USA	(91)	Stormer	APC	1995	1996-99	(35)	Incl APC/CP, ARV, bridge-layer and ambulance version
	16	AN/APG-66	Combat ac radar	1996	1999	10	For 16 Hawk-200 FGA aircraft delivered from UK; last 6 embargoed by USA
L: Germany	(50)	Bo-105C	Light helicopter	1976	1978-2000	(50)	Incl for Army, Navy and Police
	4	PB-57 Type	Patrol craft	1993	2000	2	Deal worth \$260 m; Indonesian designation Singa Class; delivery 2000-2002
Spain	(10)	C-212 Aviocar	Transport aircraft	1997	1999	2	C-212-200 version; incl some for Navy and possibly some for Army and Police
	6	C-212MP Aviocar	MP aircraft	1996	2000	(4)	For Navy; C-212-200MP version; delivery 2000-2001
Iran							
S: China	14	Y-7	Transport aircraft	1996	1998	(2)	Delivery 1998-2006
Russia	(25)	Mi-17/Hip-H	Helicopter	(1999)	2000	(10)	Delivery from 2000; no. ordered could be up to 34
Ukraine	..	BMP-2	IFV	(1995)	1996-98	(5)	Possibly assembly or licensed production in Iran
	(12)	An-74TK/Coaler-C	Transport aircraft	(1997)	..	..	Deal worth \$133 m
L: Russia	(380)	T-72SI	Main battle tank	(1996)	1997-2000	(75)	
Ireland							
S: France	1	AS-365N Dauphin-2	Helicopter	1999	2000	(2)	Deal worth \$50.8 m; incl 4 APC/CP, 1 ARV and 1 ambulance version; delivery 2000-2002
Switzerland	40	Piranha-3 8x8	APC	1999	2000	..	..
UK	1	Mod. Guardian Class	OPV	2000	..	..	Deal worth \$21 m; Irish designation Roisin Class; delivery 2002
Israel							
S: Germany	1	Dolphin Class	Submarine	1994	2000	1	Deal worth \$300 m; 50% financed by FRG
USA	(8)	AH-64D Apache	Combat helicopter	2000	..	..	Deal worth \$440 m; option on 12 more; delivery from 2004
	(480)	AGM-114K Hellfire	Anti-tank missile	(2000)	..	..	For AH-64D helicopters
	50	F-16I	FGA aircraft	1999	..	..	Deal worth \$2.5 b (offsets 25%); option on 60 more; financed by USA; delivery 2003-2005
	(8)	Super King Air-200	Light transport ac	1999	1999-2000	(6)	Israeli designation Zufit; incl 1 for EW and ELINT

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licensing	Year of delivery	No. delivered/ produced	Comments
L: France	12	AN/APG-78 Longbow	Combat ac radar	2000	..	..	For modernization of 12 Israeli AH-64A helicopters to AH-64D; deal worth \$400 m; financed with US aid; delivery 2003; option on 12 more; status uncertain
Italy							
S: France	18	Igname/Varan	MP aircraft radar	(1994)	1997-2000	(11)	For modernization of 18 Atlantic-1 ASW/MP aircraft
Germany	2	PZH-2000 15mm	Self-propelled gun	2000	2000	..	Deal worth \$455 m incl 68 licensed production; bought to start training; delivery 2001
Sweden	2	Bv-206S	APC	2000	2000	2	Option on 58 more
UK	(200)	Storm Shadow/SCALP	ASM	1999	..	..	Delivery from 2003
USA	22	C-130 Hercules-2	Transport aircraft	1997	2000	6	Delivery 2000-2001; incl some tanker/transport version
	4	C-130J-30 Hercules	Transport aircraft	2000	..	..	Delivery 2002
	6	C-130J-30 Hercules	Transport aircraft	1997	..	..	Delivery 2001-2002
	(36)	F-16A	FGA aircraft	(2000)	..	..	Ex-US Air Force; \$800 m lease until Eurofighter enters service in 2010; includes 4 F-16B trainer version; possibly 4 more for spares only; delivery 2003 or 2004; contract not yet signed
	6	RQ-1A Predator	UAV	2000	..	..	Delivery 2001
	38	LVTP-7AI/AAV-7AI	APC	(1998)	..	..	FMS deal worth \$126 m; delivery 2000-2001
	233	AIM-120B AMRAAM	Air-to-air missile	1997	2000	(100)	Deal worth \$116 m; for Navy AV-8B+ FGA aircraft
	735	FIM-92A Stinger	Portable SAM	1998	..	..	FMS deal worth \$110 m
	30	FIM-92A Stinger	Portable SAM	2000	..	..	FMS deal; delivery from 2002
L: Germany	68	PZH-2000	Self-propelled gun	2000	..	..	Deal worth \$455 m incl 2 direct delivered; delivery from 2004
	2	Type-212	Submarine	1997	..	..	Option on 2 more; delivery 2004-2005
Japan							
S: USA	16	BAe-125/RH-800	Transport aircraft	1995	1997-2000	(11)	For SAR; 'H-X' programme; Japanese designation U-125A
	(9)	Gulfstream-4	Transport aircraft	1994	1996-2000	(6)	Japanese designation U-4
	(28)	Super King Air-350	Light transport ac	1997	1999	(2)	For Army; incl for reconnaissance; Japanese designation LR-2
	(72)	M-270 MLRS 227mm	MRL	1993	1995-2000	(54)	Assembled in Japan
	(9)	AN/APS-145	AEW radar	2000	..	..	For modernization of E-2C AEW&C aircraft
	30	Phalanx Mk-15	CIWS	(1993)	1996-2000	(14)	For 12 Murasame Class frigates and 3 Osami Class AALS
	19	Sea Vue	MP aircraft radar	1992	1994-2000	(17)	For 19 BAE-125-800/RH-800 (U-125A) SAR aircraft delivered from UK and USA
	40	AIM-120B AMRAAM	Air-to-air missile	(1998)	..	..	Deal worth \$22 m

(16)	RIM-66M Standard-2	ShAM	1999	..	FMS deal
5	RIM-66M Standard-2	ShAM	1998	..	FMS deal
(216)	RIM-7M Seasparrow	ShAM	1993	1996-2000	Deal worth \$13.4 m; probably for Murasame Class frigates
L: France USA	.. (89)	MO-120-RT-61 120mm Mortar Bell-209 AH-1S Combat helicopter	1992 1982	1993-2000 1984-2000	(297) (89)
	79	CH-47D Chinook Helicopter	1986	1988-2000	(53)
(203)	F-15C Eagle FG/A/trainer aircraft	1978	1982-99	(191)	Incl for Army; Japanese designation CH-47J and CH-47JA F-15J version; incl 38 F-15DJ trainer version
210	Hughes-500M/OH-6D Light helicopter	1977	1978-99	(209)	Incl 193 for Army and 17 for Navy, incl for training
(64)	S-70/UH-60J Blackhawk Helicopter	1988	1991-2000	(39)	Incl for Navy
(80)	S-70/UH-60J Blackhawk Helicopter	1995	1998-2000	(15)	For Army; Japanese designation UH-60JA; deal worth \$2.67 b
101	S-70B(SH-60) Seahawk ASW helicopter	1988	1991-2000	(77)	For Navy
Jordan	S: UK (288)	Challenger Main battle tank	1999	1999-2000	(44)
Ukraine USA	50 ..	BTR-94 IFV BGM-71D TOW-2 Anti-tank missile	1999 2000	.. ..	Ex-UK Army; Jordanian designation Al Hussein; probably incl some for spares only Delivery 2001 FMS deal
Kazakhstan	S: Russia (38)	Su-27S/Flanker-B SA-10c/S-300PMU SA-10 Grumble/5V5SR	Fighter aircraft SAM system SAM	(1995) 1998 (1998)	(26) 1 (36)
	1 (36)	..	..	..	Ex-Russian Air Force; payment for Russian debt to Kazakhstan Probably ex-Russian Air Army For 1 SA-10c/S-300PMU SAM system
Kuwait	S: China 18 France 8	PZL-45 155mm P-37BRL Type	Self-propelled gun FAC(M)	1998 1995	..
UK USA	(80) 48	Sea Skua SL M-109A6 Paladin	ShShM Self-propelled gun	1997 (2000)	8 ..
Laos	S: Russia 6	Ka-32A/Helix-C	Helicopter	(1999)	2000
Lebanon	S: USA 8	Bell-205/UH-1H	Helicopter	1998	2000
					(8)
					Ex-US Army; aid; option on 8 more

Recipient/ supplier (S)	No. ordered	Weapon designation	Weapon description	Year of order/ licensing	Year of delivery	No. delivered/ produced	Comments
Lithuania S: Germany	67	M-113A2	APC	2000	2000	67	Ex-FRG Army; aid; 18 more delivered for spares only
Macedonia S: Germany	115	M-113A1	APC	1999	2000	115	Ex-FRG Army; aid; FRG designation Hermelin
Turkey	20	F-5A Freedom Fighter	FGA aircraft	1998	..	..	Ex-Turkish Air Force; possibly refurbished before delivery; gift
Malaysia S: Germany	6	TRS-3D	Surveillance radar	(2000)	..	..	For 6 MEKO-A100 Type frigates
Italy	6	Skyguard	Fire control radar	(2000)	..	..	For 6 MEKO-A100 Type frigates; designation uncertain
	(24)	Otomat Ml-2	ShShM	1995	1998–2000	(24)	For 2 Assad Class corvettes
Russia	(24)	Otomat Mk-2	ShShM	(1997)	2000	(24)	For 2 Assad Class corvettes
South Africa	(96)	AA-12 Adder/R-77	Air-to-air missile	(1997)	..	..	For 16 MiG-29S FGA aircraft; status uncertain
Switzerland	22	G-5 155mm	Towed gun	2000	..	..	Delivery from 2001
	9	PC-7-2	Trainer aircraft	2000	..	..	Deal worth \$28 m; order delayed from 1997 to 2000 owing to financial crisis; delivery 2001
Turkey	44	AIFV	IFV	2000	..	..	Deal worth \$300 m incl 167 other version; incl assembly in Malaysia
	167	AIFV-APC	APC	2000	..	..	Incl ambulance, ALV and CP version; deal worth \$300 m incl 44 IFV version; incl assembly in Malaysia
UK	6	Super Lynx	AS/ASW helicopter	1999	..	..	Deal worth \$158 m; for Navy; delivery 2001–2002 or 2003
L: Germany S: UK	6	MEKO-A-100 Type	Frigate	1998	..	..	Deal worth \$142 b; 'New Generation Patrol Vessel' (NGPV) programme; MEKO-100RMN version; delivery 2003–2005/2006
Malta S: UK	4	Bulldog	Trainer aircraft	(1999)	2000	4	Ex-UK Air Force
Mauritania S: Italy Spain	5	SF-260M	Trainer aircraft	(1999)	2000	5	..
	1	Poseidon Class	Tug	(1998)	2000	1	Ex-Spanish Navy; for use as OPV
Mexico S: Canada	1	DHC-8 Dash-8	Transport aircraft	2000	..	..	For Navy; DHC-8-200 version; option on 1 more; delivery 2001

Italy	30	SF-260M	Trainer aircraft	1999	2000	(6)	For Navy; probably second-hand
Russia	2	An-32/Cine	Transport aircraft	(2000)	2000	2	
	1	Mi-26/Halo	Helicopter	1999	2000	1	
	1	Mi-26/Halo	Helicopter	2000	2000	1	
USA	73	Cessna-182	Light aircraft	(1999)	1999-2000	73	For anti-narcotics operations
	(8)	MD-902 Explorer	Helicopter	(1998)	1999-2000	(8)	For Navy; no. delivered could be 10
	2	R-22	Helicopter	2000	2000	2	For Navy; for training
	1	R-44	Helicopter	2000	2000	1	For Navy
	1	Knox Class	Frigate	1998	2000	1	Ex-US Navy; Mexican designation Alende Class
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Morocco	2	Floreal Class	Frigate	1998	Deal worth \$130-140 m; delivery 2001-2002
S: France	32	M-106A2 107mm	APC/mortar carrier	1999	Ex-US Army; EDA aid
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NATO	4	A-4N Skyhawk-2	FGA aircraft	2000	2000	4	Ex-Israeli Air Force; refurbished and modified for target towing before delivery; operated by civilian company in FRG for target towing for NATO
S: Israel							
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Netherlands	90	XA-188	APC	1997	1998-2000	(90)	Deal worth \$82 m (offsets 100%); incl 20 for Marines; incl for use with peace-keeping forces
Finland		PzH-2000 155mm	Self-propelled gun	(2000)	..	..	Contract not yet signed; delivery from 2003/2004; offsets 100%
Germany	60	FIM-92C Stinger	Portable SAM	(1992)	1998-2000	(550)	Part of 'European Stinger Production Programme' involving production of components in FRG, Greece, Netherlands and Turkey and final assembly in FRG; delivery 1998-2001/2002
	874						For 2 LCF Type frigates; option on 2 more; ex-Canadian Navy guns sold back to producer and refurbished before delivery
Italy	2	127mm/54	Naval gun	1996	..	..	Deal worth \$686 m (offsets \$873 m)
USA	30	AH-64D Apache	Combat helicopter	1995	1998-2000	(14)	Deal worth \$127 m; for AH-64D helicopters
	605	AGM-114K Hellfire	Anti-tank missile	1995	1996-2000	(250)	For 'Mid-Life Update' (MLU) modernization of 136 F-16A/B FGA aircraft to F-16AM/BM (F-16C/D) version
	(136)	AN/APG-66	Combat ac radar	1993	1997-2000	(136)	FMS deal worth \$24 m incl 8 training missiles; for LCF Type frigates
	16	RIM-66M Standard-2	ShAM	(1998)	
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New Zealand	105	Piranha/LAV-25	IFV	2000	Deal worth \$263 m; delivery 2002-2004
S: Canada	4	SH-2G Super Seasprite	AS/ASW helicopter	1997	..	..	Deal worth \$185 m (offsets 36%); SH-2G(NZ) version; for Navy; delivery 2001

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensing	No. delivered/ produced	Comments
Nigeria S: Germany Unknown	(1) 6	Do-228-200 Mi-24P/Mi-35P/Hind-F	Transport aircraft Combat helicopter	(1998) (2000)	2000 2000	(1) (2)	Ex-Russian Air Force
North Korea L: Russia	..	AT-4 Spigot/9M111	Anti-tank missile	(1987)	1992-2000	(900)	Ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union
	..	SA-16 Gimlet/gla-1	Portable SAM	(1989)	1992-2000	(450)	More possibly produced for export; probably ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union
Norway S: Finland Spain	32 (5)	XA-200 F-100 CLASS	APC Frigate	1999 2000	2000	32	Deal worth \$10.1 m Deal worth \$1.5 b incl radars from USA (offsets 100% in 10 years; offsets incl NASAMS SAM system and Penguin missiles for Spain); incl 3 assembled or licensed production in Norway; Norwegian designation Nansen Class; delivery 2005-2009
Sweden USA	104 12 (56)	CV-9030 Arthur AN/APG-66	IFV Tracking radar Combat ac radar	1994 1997 1993	1998-2000 1999-2000 1997-2000	104 (4) (46)	Deal worth \$24.1 m (offsets \$184 m); option on more Deal worth \$85 m; delivery 1999-2002 For 'Mid-Life Update' (MLU) modernization of 56 F-16A/B FGA aircraft to F-16AM/BM (F-16C/D) version
	500 (240)	AIM-120A AMRAAM RIM-7PTC ESSM	Air-to-air missile ShAM	1996 (2000)	1998-2000 (2000)	(384) ..	For F-16AM (modernized F-16A) FGA aircraft; deal worth \$150 m (offsets incl assembly in Norway) For 5 F-100 (Nansen) Class frigates
Oman S: France	..	VBL Mistral MF1-17 Supporter PC-9 Challenger-2 Printha 8x8	Recc vehicle Portable SAM Trainer aircraft Trainer aircraft Main battle tank APC	2000 2000 (2000) 1999 1997 2000	.. .. .. .. .. ..	.. .. .. .. (12) 20	Fitted with ALBI Mistral SAM launcher; delivery 2001 For use with ALBI launcher on VBL armoured vehicle; delivery 2001 Pakistan designation Mushshak; status uncertain Deal worth \$172 m Including ARV, APC/CP, 81mm APC/mortar carrier, ambulance and artillery observation versions; delivery 2001-2002

		Martello S-743D	Surveillance radar	1999	..	Delivery 2002
Pakistan S: China	(3) (24)	Type-347G C-802/CSS-N-8 Saccade Mirage-5	Fire control radar ShShM FGA aircraft	(1996) (1996) 1996	1997-2000 1997-2000 1998-2000	(2) (16) (40)
France	40	Agusta-90B Type	Submarine	1994	1999	1
Sweden	(24) ..	SM-39 Exocet RBS-70	SuShM Portable SAM	1994 (1985)	1999-2000 1988-2000	(18) (325)
L: China	.. .. .. 1	FC-1 QW-1 Vanguard/Anza-2 Red Arrow-8 Agusta-90B Type	FGA aircraft Portable SAM Anti-tank missile Submarine	1999 (1993) 1989 1994	1994-2000 1990-2000 (7 600)	.. .. .. ..
France			Combat ac radar	1995	2000	(1)
Italy	(135)	Grifo-7				For modernization of some 35 Mirage-3 and 100 F-7MP fighter aircraft
Peru S: Russia USA	150 5	T-72MI K-1200 K-MAX	Main battle tank Helicopter	(1999) 2000	.. ..	Probably ex-Russian Army Deal worth \$21 m; aid; for police anti-narcotics operations
Poland S: Sweden UK	.. 6	RBS-15F AS-90 155mm turret	Air-to-ship missile Turret	2000 1999	.. ..	Deal worth \$10 m Prior to licensed production; to be fitted on Polish chassis; Polish designation Chrobry
USA	4	SH-2G Super Seasprite	AS/ASW helicopter	2000	2000	2
	9	MSTAR	Battlefield radar	2000	..	Deal worth \$4.1 m; designation uncertain
	2	Perry Class	Frigate	1999	2000	1
	(108)	RIM-66B Standard-1MR	ShAM	(1999)	2000	(54)
L: Russia UK	(7) (72)	An-28/M-28B Bryza-1R AS-90 155mm turret	MP aircraft Turret	(1992) 1999	1993-2000 1999	(7) ..
						For Navy To be fitted on Polish chassis; Polish designation Chrobry

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensure	No. delivered/ produced	Comments
Portugal							
S: Germany	9	EC-135/EC-635	Helicopter	1999	..	..	Deal worth \$38 m; for Army; delivery in 2001
USA	20	F-16A	FGA aircraft	1998	..	..	Ex-US Air Force; 'Peace Atlantis-2' programme worth \$268 m; refurbished to F-16AM/BM (F-16C/D) in Portugal after delivery; incl 4 F-16B trainer version; 5 more ordered for spares only; delivery 2001-2003
	20	AN/APG-66	Combat ac radar	(2000)	..	..	For modernization of 20 ex-US F-16A/B FGA aircraft to F-16AM/BM (F-16C/D); contract not yet signed
Qatar							
S: France	..	Apache	ASM	1994	..	..	For Mirage-2000-5 FGA aircraft; Black Pearl version
Romania							
S: France	(200)	R-550 Magic-2	Air-to-air missile	(1996)	..	..	For MiG-21, MiG-23 and MiG-29 fighter aircraft; may incl assembly or licensed production in Romania; status uncertain
Germany	(32)	Gepard	AAV(G)	(1997)	1999-2000	(32)	For MiG-21, MiG-23 and MiG-29 fighter aircraft; may incl assembly or licensed production in Romania; status uncertain
Israel	(960)	NT-D Spike/NT-G Gill Python-3	Anti-tank missile	(1998)	1999-2000	(150)	Ex-FRG Army; probably refurbished before delivery; aid worth \$37 m;
	(1 000)	Shadow-600	Air-to-air missile	(1997)	1998-2000	(220)	11 more delivered for spares only
USA	(60)	Shadow-600	UAV/RPV	(1997)	1999-2000	(60)	For 24 modernized SA-330 (IAR-330) helicopters; designation uncertain
							For 110 MiG-21 Lancer (modernized MiG-21) fighter aircraft and IAR-99 trainer aircraft
L: Russia	..	SA-7b Grail/Strela-2M	Portable SAM	(1978)	1992-2000	(225)	Deal worth \$23 m
Saudi Arabia							
S: Canada	16	Bell-412	Helicopter	1999	2000	(4)	Russian designation A-94 or CA-94; incl SA-N-5 SHAM version for Navy; incl improved CA-94M version; ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union
	425	Piranha 8x8	APC	1990	1994-2000	(425)	Incl 71 ambulance, 18 ALV, 182 APC/CP and 34 AEV version and 73 fitted with UK AMS (120mm mortar; ordered via USA as FMS deal worth \$700 m inc 692 other version; for National Guard; delivery 1994-2001
	132	Piranha/LAV-90	Armoured car	2000	..	..	Ordered via USA as part of 1990 FMS deal worth \$416 m including 985 other version and 1827 BGm-71 missiles; for National Guard; delivery from 2001
France	12	AS-532U2/AS-332L2	Helicopter	1996	1998-2000	12	Deal worth \$508 m; for combat SAR; armed with 20mm gun

2	La Fayette Class	Frigate	1994	..	'Sawari-2' deal worth \$3.42 b incl other weapons, construction of a naval base and training (offsets 35%); French export designation F-3000S Type; Saudi designation Al Ryadh Class; delivery from 2002
(32)	MM-40 Exocet VT-1	ShShM ShAM Frigate	1994 (1994) 1997	..	For 2 La Fayette Class frigates
1	La Fayette Class			..	For 2 La Fayette Class frigates
(16)	MM-40 Exocet VT-1	ShShM ShAM ShAM Mortar	(1997) (1997) (1997) 1996	..	'Sawari-2' deal worth \$3.42 b incl other weapons, construction of a naval base and training (offsets 35%); French export designation F-3000S Type; Saudi designation Al Ryadh Class; delivery 2005
(36)	48 ASTER-15	Air-to-air missile	2000	..	For 1 La Fayette Class frigate; for use with Crotale ShAM system
UK	73	AMS 120mm		..	For 3 La Fayette Class frigates
USA	500	AIM-120B AMRAAM		(73)	Deal worth \$57 m incl ammunition; for 73 Piranha/LAV APC/mortar carriers FMS deal; for F-15 FGFA aircraft; delivery 2003
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L: UK	..	MSTAR	Battlefield radar	(1997) 1998-2000 (45)	
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Singapore					
S: France Israel	6 .. (600)	La Fayette Class NT-D Spike/NT-G Gill Python-4 Sjömen Class	Frigate Anti-tank missile Air-to-air missile Submarine	2000 (2000) (1997) 1997-2000 2000	.. Incl 5 assembled in Singapore. Assembled in Singapore. For F-5S and F-16 FGFA aircraft. Ex-Swedish Navy; refined before delivery; Singaporean designation Challenger Class; 1 more delivered for spares only. FMS deal worth \$647 m incl \$25.9 m for Longbow radars and incl 192 AGM-114K missiles; delivery from 2002; contract not yet signed
Sweden	4				.. (260) 1
USA	8	AH-64D Apache	Combat helicopter	1999	No. ordered could be up to 10
	192	AGM-114K Hellfire CH-47D Chinook F-16C KC-135A Stratotanker	Anti-tank missile Helicopter FGA aircraft Tanker aircraft	1999 (1997) 1997 1997	.. FMS deal worth \$620 m incl 8 AH-64D helicopters (2) Peace Carvin-3' deal worth \$350 m; incl 6 F-16D trainer version Ex-US Air Force; FMS deal worth \$280 m incl refurbishment to KC-135R before delivery.
	2	S-70A/UH-60L AIM-120B AMRAAM	Helicopter Air-to-air missile	2000 (2000)	.. FMS deal
	100				.. FMS deal worth \$100 m; for F-16 and possibly F-5S FGA aircraft
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South Africa					
S: France	(64)	MM-40 Exocet Mistral Lindau Class MEKO-A200 Type	ShShM Portable SAM Minesweeper Frigate Submarine	2000 (1999) 2000 1999	.. For 4 MEKO-A200 Type frigates; delivery 2002-2004 .. For Roodvalk combat helicopter; contract not yet signed .. Ex-FRG Navy; gift; 4 more delivered as reserve and for spares .. Deal worth \$1.115 b (offsets 35%); for delivery 2004-2005 .. Deal worth \$795 m (offsets 37.5%); delivery 2005-2007 .. Deal worth \$240 m; option on 10 more; delivery 2002-2005
Germany	(2)				
Italy	30	Type-209/1400 A-109 Hirundo	Light helicopter	1999	

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order or licensing	No. delivered/ produced	Comments
Sweden	9	JAS-39 Gripen	FGA aircraft	1999	1999	..	Deal worth \$1.16 b incl 12 Hawk-100 from UK; JAS-39B trainer version; for delivery 2006/2007–2009; option on 19 more
UK	(12)	Hawk-100	FGA/trainer aircraft	1999	Deal worth \$1.16 b incl 9 JAS-39 from Sweden; assembled in South Africa; Hawk-120 version; delivery 2005; option on 12 more
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South Korea S: France	(48)	Crotale-NG	SAM system	(1999)	1999–2000	(7)	Korean designation Pegasus; for use with Korean developed missiles; mounted on Korean K-200 APC
Germany	(1 294)	Mistral Bo-105C	Portable SAM Light helicopter Transport aircraft	(1997) 1997 1997	1998–2000 1999–2000 2000	(1294) (12) (8)	Deal worth \$300 m Assembled in South Korea; for Army
Indonesia	12	CN-235	..	..	..	..	Deal worth \$1.43 m (offices incl Korean deliveries of military equipment to Indonesia); CN-235-220 version
Netherlands	3	Goalkeeper	CIWS	1999	..	..	For 3 KDX-2 Type frigates; delivery from 2002
UK	13	Super Lynx	AS/ASW helicopter	1997	1999–2000	(13)	For Navy; deal worth \$328 m incl Sea Skua missiles and modernization of 11 South Korean Navy Super Lynx helicopters
USA	8	RH-800XP	Reconnaissance ac	1996	2000	4	‘Peace Pioneer’ deal worth \$461 m; incl 4 RH-800RA ground-surveillance and RH-800SIG SIGINT version; deal temporarily suspended in 1998 after corruption charges; delivery 2000–2001
	3	AN/SPS-49	Surveillance radar	(1999)	..	..	For 3 KDX-2 Type frigates
	64	RIM-116A RAM	ShAM	2000	..	..	For 3 KDX-2 Type frigates; delivery probably 2001
	110	RIM-66M Standard-2	ShAM	2000	..	..	FMS deal worth \$159 m; for 3 KDX-2 Type frigates
	(159)	AIM-120B AMRAAM	Air-to-air missile	(1997)	..	..	..
	..	BGM-71E TOW-2A	Anti-tank missile	2000	..	..	..
	100	Popeye-1	ASM	(1997)	2000	(25)	FMS deal
	..	UGM-84A Sub Harpoon	SuShM	(1994)	1998–2000	(24)	Deal worth \$125 m incl modernization of 30 F-4E FGA aircraft; US designation AGM-142; delivery 2000–2003
							For Type-209 (Chang Bogo Class) submarines
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L: Germany	3	Type-209/1200	Submarine	1994	1999–2000	2	Deal worth \$510 m; Korean designation Chang Bogo Class; delivery 1999–2001
Netherlands	3	Type-214	Submarine	2000	..	..	Deal worth \$1.1 b (incl \$711 m import from FRG); delivery 2007–2009
	3	MW-08	Surveillance radar	1999	..	..	For 3 KDX-2 Type frigates
	6	STIR	Fire control radar	1999	..	..	For 3 KDX-2 Type frigates
USA	72	F-16C	FGA aircraft	1991	1997–2000	(72)	Deal worth \$2.52 b incl 48 delivered direct; incl some F-16D trainer version
	20	F-16C	FGA aircraft	2000	..	..	Deal worth \$663 m incl \$300 m FMS deal; delivery from 2003
	3	Mk-45 127mm/54	Naval gun	1999	..	..	For 3 KDX-2 Type frigates; deal worth \$22 m; delivery 2001–2003
	..	K-1A1/Type-88	Main battle tank	(1994)	1996–97	(2)	Incl 2 or 3 prototypes

57	LVTP-7AI/AAV-7AI	APC	1995	1997-2000	(48)	Incl 5 LVTR-7//AAVR-7 ARV and 4 LVTC-7//AAVC-7 APC/CP version; deal worth \$81 m; for Marines; Korean designation Korean Armoured Amphibious Vehicle (KAAV); delivery 1997-2001
67	LVTP-7AI/AAV-7AI	APC	2000	..	..	Deal worth \$99-120 m; Korean designation Korean Armoured Amphibious Vehicle (KAAV); for Marines; delivery 2001/2002-2006
(300)	M-992 FDCV/CP	APC/CP	1995	1998-2000	(195)	
Spain						
S: Canada	4	AN/APS-504(V) AN/VPS-2 Modified	MP aircraft radar Fire control radar Helicopter	(1999) (1994) 1997	1998 1998-2000 2000	.. (2) (9)
France	4	AS-532U2/AS-332L2	Light helicopter	1999	2000	(7)
Germany	15	EC-120B Colibri	ARV	1998	..	..
Germany	4	Büffel				219 Leopard-2A5+ tanks
Italy	22	B-1 Centauro	Armoured car	1999	2000	7
	2	RAN-30X	Surveillance radar	(1993)	1998	(1)
Netherlands	2	DA-08	Surveillance radar	(1994)	1998	(1)
Norway	(20)	Penguin Mk-2-7	Air-to-ship missile	(2000)	..	Deal worth \$26.3 m (offsets 80%) incl 12 licensed production and more; for Navy S-70/SH-60B helicopters
Sweden	10	Bv-206S	APC	2000	..	Option on 40 more
UK	(50)	MSTAR	Battlefield radar	(1996)	1996-2000	(50)
USA	24	FA-18A Hornet	FGA aircraft	1995	1995-2000	(24)
						Ex-US Navy; option on 6 more; deal worth \$288 m; refurbished before delivery; Spanish designation C-15
						FMS deal worth \$70 m (offsets 100%); delivery 2000-2001
						For use with Meroka CIWS on 2 Galicia Class AALS
						For 2 Galicia Class AALS
						Deal worth \$26.3 m (offsets 80%) incl 12 licensed production and more; for Navy S-70/SH-60B helicopters
						Option on 40 more
						Ex-US Navy; option on 6 more; deal worth \$288 m; refurbished before delivery; Spanish designation C-15
						FMS deal worth \$77.4 m; for Navy; delivery by 2004
						Second-hand; refurbished before delivery; for Navy
						Ex-US Navy; refurbished before delivery; for 4 F-100 (De Bazán) Class frigates
						For 4 F-100 (De Bazán) Class frigates
						Deal worth \$750 m; part of AEGIS air defence system for 4 F-100 (De Bazán)
						Class frigates
						FMS deal worth \$105 m incl 32 training missiles; for 4 F-100 (De Bazán) Class frigates; contract not yet signed
						For 4 F-100 (De Bazán) Class frigates; contract probably not yet signed
						Ordered via Norway as part of 4 NASAMS SAM systems
						For Navy AV-8B FGA aircraft
						For 4 NASAMS SAM systems ordered from Norway
						FMS deal worth \$52 m
						For F-18A FGA aircraft

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensing	No. delivered/ produced	Comments
L: Germany	12	Büffel	ARV	1998	1998	..	Deal worth \$25 m incl 12 launchers; contract not yet signed
	219	Leopard-2A5+	Main battle tank	1998	..	..	Deal worth \$2.2 b (offsets 80%) incl 4 direct delivered and 219 Leopard-2A5+ tanks
UK	4	Sandown/CME Type	MCM ship	1993	1999-2000	4	Deal worth \$381 m; Spanish designation Segura Class
<hr/>							
Sri Lanka	2	Bell-412EP	Helicopter	2000	2000	2	For VIP transport
S: Canada	10	CJ-6	Trainer aircraft	2000	2000	10	
China	(6)	K-8 Karakorum-8	Jet trainer aircraft	(2000)	..	..	Delivery 2001
Czech Republic	(16)	RM-70 122mm	MRL	2000	2000	(16)	Ex-Czech Army; possibly aid; for use against LTTE rebels
	(41)	T-55AM-2	Main battle tank	2000	2000	(41)	Ex-Czech Army; possibly aid; for use against LTTE rebels
India	1	SA-316B Alouette-3	Light helicopter	2000	2000	1	Probably second-hand; for Navy; for use against LTTE rebels
	1	Sukanya Class	OPV	2000	2000	1	Ex-Indian Navy; for use against LTTE rebels
	(8)	Kfir C2	FGA aircraft	2000	2000	(8)	Ex-Israeli Air Force; mainly for use against LTTE rebels; incl some Kfir C7 version
Israel	2	Reshef Class	FAC(M)	(1999)	2000	(2)	Ex-Israeli Navy; deal worth \$26 m; for use against LTTE rebels
Pakistan	(10)	Azar 122mm	MRL	2000	2000	(10)	Probably ex-Pakistani Army; aid; for use against LTTE rebels
UK	(2)	C-130K Hercules	Transport aircraft	(1998)	2000	2	Ex-UK Air Force; refurbished before delivery
USA	2	AN/TPO-36 Firefinder	Artillery radar	2000	..	..
Ukraine	3	Mi-24P/Mi-35PHind-F	Combat helicopter	2000	2000	3	Ex-Ukrainian Air Force; for use against LTTE rebels
	4	MiG-27K/Flogger-J	FGA aircraft	2000	2000	4	Ex-Ukrainian Air Force; deal worth \$8 m; for use against LTTE rebels
	3	MiG-27K/Flogger-J	FGA aircraft	2000	2000	3	Ex-Ukrainian Air Force; incl 1 MiG-23UB trainer version; for use against LTTE rebels
<hr/>							
Swaziland	3	SA-316B Alouette-3	Light helicopter	2000	2000	3	Ex-South African Air Force; gift; possibly refurbished before delivery
Sweden	104	XA-200	APC	2000	..	..	Deal worth \$67 m; for peacekeeping forces; XA-203S version; incl XA-202S CP version; option on 60 more; delivery 2001-2002

Germany	(360)	BMP-1	IFV	1994	1998–2000	(284)	Former GDR equipment; refurbished in Poland for \$25.5 m before delivery; Swedish designation Pvz-501; 66 more delivered for spares only Option on 4 more; deal worth \$125 m; delivery 2002–2003
Switzerland	10	Büffel Piranha-3 10x10	ARV APC	1999 2000	..	..	Delivery 2002
L: Germany	91	Leopard-2A5+	Main battle tank	1994	1998–2000	(72)	Deal worth \$770 m incl 160 ex-FRG Army Leopard-2 tanks (offsets 120%); option on 90 more; Swedish designation Strv-122; delivery 1998–2001
S: Switzerland	12	AS-532U/C/AS-332	Helicopter	1998	2000	(3)	Deal worth \$208 m; incl 10 assembled in Switzerland; delivery 2000–2002
Spain	2	Master-A	Surveillance radar	1998	2000	(1)	Part of FloraCo air surveillance network
Sweden	2	C-295M	Transport aircraft	(2000)	..	..	Deal worth \$69 m; contract not yet signed; delivery 2003
	1	CV-9030	IFV	2000	2000	1	Originally delivered for evaluation and kept as part of \$424 m order for 186; ‘Schützenpanzer-2000’ programme
L: Sweden	185	CV-9030CH	IFV	2000	..	..	Deal worth \$424 m incl 1 delivered direct; incl 32 CV-9030CH-COM CP version; ‘Schützenpanzer-2000’ programme; delivery 2002–2005; option on 124 more
Syria	..	MiG-29S/Fulcrum-C	FGA aircraft	(1999)	2000	14	
S: Russia	(14)	Su-27SK/Fanker-B	FGA aircraft	(1999)	2000	8	
Taiwan							
S: Ireland	..	CM-31	APC	(1997)	1999–2000	(20)	
Israel	1	Astra SPX	Light transport ac	(1999)	2000	1	For target towing
USA	13	Bell-206OH-58D(I)	Combat helicopter	1999	1999–2000	(7)	FMS deal worth \$172 m incl ammunition; assembled in Taiwan; delivery 1999–2001
(21)	Bell-209/AH-1W	Combat helicopter	1997	1999–2000	(21)	FMS deal worth \$479 m	
9	CH-47D Chinook	Helicopter	1999	..	..	FMS deal worth \$300–486 m; delivery 2001–2002	
2	E-2C Hawkeye	AEW&C aircraft	1999	..	..	Deal worth \$400 m; E-2T version; contract not yet signed; delivery 2002	
11	S-70B/S-60B Seahawk	AS/ASW helicopter	1997	2000	(3)	For Navy; S-70C(M)-2 Thunderhawk version	
300	M-60A3 Patton-2	Main battle tank	1996	1998–2000	(300)	Ex-US Army; deal worth \$101 m; for F-16C FGA aircraft	
58	AGM-84A/C Harpoon	Air-to-ship missile	1998	..	..	FMS deal worth \$200 m incl 79 Avenger air-defence systems and 50 man-portable	
(1 299)	FIM-92A Stinger	Portable SAM	1997	2000	(300)	Launchers; no. ordered could be up to 1599	
728	FIM-92A Stinger	Portable SAM	1998	..	..	FMS deal worth \$180 m incl 61 launchers	
52	RGM-84A/C Harpoon	ShShM	1997	1998–2000	(52)	FMS deal worth \$95 m	

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of delivery	No. delivered/ produced	Comments
L: USA	8	Perry Class	Frigate	1989	1993-98	7	Taiwanese designation Cheng Kung Class; 'Kwang Hua-1' project; last 1 delayed for financial reasons; delivery 1993-2002/2003
Thailand							
S: Australia	3	ASC-30m Type	Patrol craft	1996	1999-2000	3	Thai designation T-81 Class; original plan for 18 changed to 10, then to 3 for financial reasons
Canada	20	Bell-212	Helicopter	1993	1997-2000	(20)	Deal worth \$130 m
Germany	20	Alpha jet	Jet trainer aircraft	1999	2000	5	Ex-FRG Air Force; refurbished before delivery; 5 more delivered for spares only; deal worth \$34.5 m; for ground attack; delivery 2000-2001
Switzerland	(36)	GHN-45 155mm	Towed gun	1997	1999-2000	(36)	Ex-US Air Force; deal worth \$130-57 m incl 2 more for spares only; delivery from 2004-2007
USA	16	F-16A	FGA aircraft	2000		..	For Army; delivery 2001
	2	S-70A/UH-60L	Helicopter	(2000)		..	
L: Australia	3	LCU-50m Type	Landing craft	1997	2000	1	Thai designation Man Nok Class; delivery 2000-2001
UK	3	Khamrionsin Class	OPV	1997	2000	2	Supplier uncertain; Thai designation Hua Hin Class
Trinidad & Tobago							
S: USA	2	PA-31-300 Navajo	Light transport ac	(2000)	2000	(1)	Probably aid
Turkey							
S: France	2	AS-532UL/AS-332L1	Helicopter	1997	2000	2	'Phoenix-2' deal worth \$430 m incl 28 licensed production; for SAR; incl 1 for armed SAR
	6	D'Orves Class	Corvette	2000		..	Ex-French Navy; deal worth \$60 m for ships and \$150 m for refit; delivery 2001-2002
Germany	(1 500)	FIM-92C Stinger	Portable SAM	1986	1998-2000	(1 100)	Part of 'European Stinger Production Programme' involving production of components in FRG, Greece, Netherlands and Turkey and final assembly in FRG; delivery 1998-2001/2002
Israel	1	Frankenthal Class	MCM ship	1999		..	Deal worth \$625 m incl 5 licensed production; delivery 2003/2004
Italy	(46)	Popeye-1	ASM	(1998)	2000	(5)	For F/AE-2000 FGA aircraft
	5	Bell-412EP/AB-412EP	Helicopter	1998		..	Deal worth \$52 m; for SAR; for Coast Guard; delivery 2001

4	Bell-412EP/AB-412EP Seaguard	Helicopter CIWS	1999 (1994)	1998-2000	.. (4)	Deal worth \$35 m; for SAR; for Coast Guard; delivery 2001 For 2 MEKO-200T-2 Type (Barbaros Class) frigates; for use with Sea Zenith 25mm CIWS	
Netherlands	3	MW-08 STING STIR	Surveillance radar Fire control radar Fire control radar	1995 1995 (1994)	1998-2000 1998-2000 1998-2000	(3) (3) (4)	For 3 Kiliç Class FAC For 3 Kiliç Class FAC; for use with 76mm and 35mm guns For 2 MEKO-200T-2 Type (Barbaros Class) frigates; for use with Seasparrow VLS SHAM system and 127mm gun
Norway UK	16	Penguin Mk-2-7 AWS-6 Dolphin AWS-9	Air-to-ship missile Surveillance radar Surveillance radar AEW&C aircraft	(2000) (1994) (1994) (2000)	1998-2000 1998-2000 1998-2000 ..	.. 2 2 ..	Deal worth up to \$40 m; for Navy S-70/SH-60B helicopters; delivery 2001 For 2 MEKO-200T-2 Type (Barbaros Class) frigates For 2 MEKO-200T-2 Type (Barbaros Class) frigates Deal worth \$1.5 b; option on 1 more; contract not yet signed; delivery from 2005
USA	6	Boeing-737 AEW	Helicopter Helicopter	2000 1999	1999-2000 1999	.. (32)	Deal worth \$350 m; option on 4 more; delivery from 2004 Originally ordered 1992, but deal suspended in 1994 till 1999 because of financial reasons and as reaction to US policy towards Turkish actions against Kurds; deal worth \$561 m (offsets worth \$110 m); US export designation S-70A-28 and S-70A-28D; Turkish designation Karaku; for delivery 1999-2001
L: France	30	AS-532UL/AS-332L1	AS/AEW helicopter Naval gun ShAM ShShM	1998 (1994) (1994) 1995	1998-2000 1998-2000 1996-2000 ..	.. 2 (40) ..	For Navy S-70B-28 version; delivery 2001-2002 For 2 MEKO-200T-2 Type (Barbaros Class) frigates For 2 MEKO-200T-2 Type (Barbaros Class) frigates Deal worth \$15.3 m; for 1 MEKO-200T-2 Type (Barbaros Class) frigate; delivery before 2003
Germany	10 000	Eryx Frankenthal Class Kiliç Class	AS/AEW helicopter Anti-tank missile MCM ship FAC(M) Frigate	1998 1999 1993 1994 2000	1998-2000 1999-2000 1998 1998 2000	.. .. 2 1	Deal worth \$36.7 m; for Navy S-70B/SH-60B helicopters; delivery 2000-2001 For 3 Kiliç Class FAC For 4 Type-209/1400 (Prevezze Class) submarines Ex-US Navy; \$29 m deal; Turkish designation Gaziantep Class
Spain	4	Type-209/1400 CN-235MP	Submarine MP aircraft	1998 1998	1998-2000 1998	.. ..	Phoenix-2' deal worth \$430 m incl 2 delivered direct; incl 18 for SAR and 10 for Army; incl 5 for armed SAR; delivery 2000-2003
UK	840	Rapier Mk-2	SAM	1999	1999	..	Deal worth \$487 m; delivery 2000-2009 Deal worth \$625 m incl 1 direct delivery; delivery 2004-2007 Deal worth \$250 m incl 1 delivered direct Deal worth \$525 m incl 1 delivered direct (incl DM 150 m (\$95 m) financed by FRG aid; Turkish designation Barbaros Class Deal worth \$556 m; Turkish designation Prevezze Class; delivery 2003-2006 Incl 6 for Navy and 3 for Coast Guard; deal worth \$103-120 m; delivery from 2002/2003
							Deal worth \$130-150 m; for use with Rapier SAM systems modernized to Rapier B1X (Rapier-2) version; delivery 2002-2010

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of licence	Year(s) of order/ of licensing	No. delivered	No. delivered/ produced	Comments
USA	50 650	Bell-209/AH-1Z AIFV	Combat helicopter IFV	(2000) 1988	1990-2000	(650)	..	Contract not yet signed; option on 95 more Deals worth \$1.08 b incl 830 APC, 48 tank destroyer and 170 APC/mortar carrier version (offsets \$705 m)
	551	AIFV	IFV	2000		..	..	Deal worth \$338 m; incl APC and mortar carrier versions; delivery 2001-2004
UAE	14 (4) (7) (56) 30	AS-350B Ecureuil AS-565SA Panther AS-565SA Panther AS-15TT Mirage-2000-5 Mk-2	Light helicopter AS/ASW helicopter AS/ASW helicopter Air-to-ship missile FGA aircraft	1999 1997 1995 (1997) 1998	1999-2000 1999-2000 1999-2000 1999-2000	.. .. (7) (56)	.. .. .. ..	Deal worth \$27 m; for Dubai; incl for training For Dubai Deal worth \$230 m incl 7 AS-365SB version for Abu Dhabi Deal worth \$230 m incl 7 AS-365SB helicopters; for Abu Dhabi Deal worth \$3.4 b incl modernization of 33 UAE Air Force Mirage-2000 to Mirage-2000-5 Mk-2 version; incl 11 Mirage-2000 DAD trainer version; incl 12 ex-French Air Force Mirage-2000 rebuilt to Mirage-2000-5 Mk-2 version; delivery from 2003
S: France	(756)	MICA-EM/IR	Air-to-air missile	1998		..	..	For 30 new Mirage-2000-5 Mk-2 and 33 Mirage-2000 modernized to Mirage- 2000-5 Mk-2; MICA-EM version
	390	Leclerc	Main battle tank	1993	1994-2000	(312)	..	Deal worth \$4.6 b incl 46 Leclerc ARVs (offsets 60%); incl 2 Leclerc Driver Training Tank version; delivery 1994-2000/2001
Netherlands	46	Leclerc DNG	ARV	1993	1997-2000	(30)	..	Deal worth \$4.6 b incl 390 Leclerc tanks (offsets 60%)
Russia	10 50 (1 200)	Scout 96K9 Pantyr-S1 SA-19 Grison/57E6YE AIFV-APC	Surveillance radar AAV(G/M) SAM APC	1996 2000 2000 1997	1997-99	(6)	..	For refit of 2 Kortenaer Class frigates, 6 TNC-45 Type FAC and 2 other ships
Turkey	136						..	Deal worth \$73.4 m
UK	..	Blackshahine	ASM	1998		..	..	For 50 96E9 Pantyr-S1 SAM G/M)s
USA	80	F-16C Block-60	FGA aircraft	2000		..	..	Deal worth \$75 m; for Dubai; incl 75 ALV and ACV-AFOV artillery fire control, 8 ARV and 53 ACV-ENG AEV version
UK	S: Canada	5	BD-700 Global Express	Transport aircraft	1999	..	..	For 63 Mirage-2000-5 Mk-2 FGA aircraft
Germany	(7)	Alpha Jet	Jet trainer aircraft	1999	2000	(7)	..	Deal worth \$1.3 b incl ASTOR radars (offsets 100%); for modification to AGS aircraft in UK with ASTOR radars
	(99)	G-115D	Trainer aircraft	1998	1999-2000	(54)	Ex-FRG Air Force; 5 more delivered for spares only; for training, target towing and trials	
								Deal worth \$28 m; for civilian company for training of UK pilots; G-115E version; UK designation Tutor T-1

4	Ro-Ro 20000-ton Type	Cargo ship	2000	..	Deal worth \$1.8 b incl 2 produced in UK and operated for 25 years by civilian company for UK Joint Rapid Reaction Force; delivery before 2005
Netherlands	2	Goalkeeper	CIWS	(1996)	..
Norway	4	FBRV	ARV	(1999)	..
Sweden	8	BvS-10 AH-64D Apache	APC Combat helicopter	2000 1995	Deal worth \$12.4 m; for Marines; incl APC/CP and ARV version; delivery 2002/2003 or 2004 For Marines; incl APC/CP and ARV version; delivery 2002/2005
USA	980	AGM-114 Longbow	Anti-tank missile	1995	Deal worth \$3.95 b (offsets 100%) incl 59 licensed production and 980 AGM-114 missiles; WAH-64D version
	(1 600)	AGM-114K Hellfire C-130 Hercules-2	Anti-tank missile Transport aircraft	1996 1994	Deal worth \$3.95 b (offsets 100%) incl 67 AH-64D helicopters; assembled in UK; delivery 2000-2003 For AH-64D helicopters; assembled in UK
	10			2000 2000	Deal worth \$1.56 b (offsets 100%) incl 10 C-130I-30; UK designation Hercules C-5; delivery 2000-2001
	15	C-130I-30 Hercules	Transport aircraft	1994	Deal worth \$1.56 b (offsets 100%) incl 10 C-130I; UK designation Hercules C-4; option on 5 more
	4	C-17A Globemaster-3	Transport aircraft	2000	..
	8	MH-47E Chinook (200)	Helicopter	1995	Deal worth \$365 m incl 6 CH-47D version; UK designation Chinook HC-Mk-3
		AGM-65G Maverick	ASM	2000	Deal worth \$60 m; for Harrier GR-7 FGA aircraft
		AIM-120B AMRAAM	Air-to-air missile	2000	Deal worth \$285 m; delivery from 2002
	20	BGM-109 Tomahawk	SLCM	1999	Deal worth \$50 m; BGM-109 T-LAM Block-IIIC version; for 10 Swiftsure and Trafalgar Class submarines
L: USA	59	AH-64D Apache	Combat helicopter	1996	(1)
S: Canada	5	ASTOR	AGS radar	1999	..
Switzerland	366	Piranha/LAV-25	IFV	2000	Incl APC and armoured car version; assembled in USA; option on 1765 more; delivery from 2001
	7	F-5E Tiger-2	FGA aircraft	2000	..
USA	L: Austria	(50)	Pandur	1999	..
Israel	..	..	ASM	1998	Deal worth \$51 m; US designation Armored Ground Mobility System (AGMS); delivery 2000-2004; more produced for export
Switzerland	(782)	PC-9/T-6A Texan-2	Trainer aircraft	1995	..
UK	234	Hawk/T-45A Goshawk	Jet trainer aircraft	1981	Incl 2 prototypes; delivery 1988-2004
	8	UFH 155mm	Towed gun	1997	..
				2000	US designation XM-77; prior to licensed production

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licensing	Year of delivery	No. delivered/ produced	Comments
S: United Nations	(686)	UFH 155mm	Towed gun	(2000)	..	..	Incl for Marines; US designation M-777; no. ordered could be up to 678;
S: South Africa	1	Cyclone Class	Patrol craft	1997	2000	1	Delivery 2003-2010 Deal worth \$23.2 m
S: Unknown	75	RG-32 Scout	APC	1999	1999-2000	(75)	Deal worth \$9 m; for use with UN in Kosovo
	3	Mi-26/Halo	Helicopter	(2000)	2000	3	Leased for use by UN forces (UNAMSIL) in Sierra Leone
S: Uruguay	13	SF-260M	Trainer aircraft	1999	1999-2000	(13)	SF-260EU version
S: Venezuela	8	AMX-T	FGA/trainer aircraft	1999	1999-2000	..	Deal worth \$150 m; delivery from 2001
France	8	AS-532U2/AS-332L2	Helicopter	(1997)	1999-2000	(8)	Incl 2 for SAR; 2 more delivered for VIP transport
Israel	3	Barak ADAMS	SAM system	1999	..	..	For Air Force; delivery 2001-2002
	..	Barak	SAM/ShaM	1999	..	..	For Air Force; for 3 Barak ADAMS SAM systems
Italy	8	MB-339FD	Jet trainer aircraft	1999	2000	(1)	Deal worth \$110 m; option on 16 more
	12	SF-260M	Trainer aircraft	1998	2000	(6)	Deal worth \$12 m
Netherlands	3	Flycatcher Mk-2	Fire control radar	1999	..	..	For use with 3 Barak SAM systems; for Air Force; delivery 2001-2002
Poland	(6)	M-28 Skytruck	Light transport ac	(1997)	2000	2	For National Guard; deal worth \$20 m
	(6)	M-28 Skytruck	Light transport ac	(1999)	2000	2	For Army
South Korea	1	Endeavour Class	Support ship	1999	..	..	Designation uncertain
Sweden	4	Giraffe-AD	Surveillance radar	1998	..	..	For use with RBS-70 SAMs
	..	RBS-70	Portable SAM	1999	..	..	Deal worth \$45 m incl anti-tank rocket launchers
S: Viet Nam	(144)	SA-16 Gimlet/Igla-1	Portable SAM	(1996)	1999-2000	(48)	SA-N-10 SHAM version for 4 Ho-A Class (BPS-500 Type or Type-1241A)
Ukraine	(64)	SS-N-25/Kh-35 Uran	ShShM	1996	1999-2000	(16)	FAC; designation uncertain
	(216)	AA-10ab Alamo/R-27	Air-to-air missile	(1994)	1995-2000	(204)	For 4 BPS-500 Type FAC For Su-27SK/UB FGA aircraft; may incl other AA-10 versions
L: Russia	(4)	BPS-500 Type	FAC(M)	1996	1999	1	Vietnamese designation Ho-A Class

Yemen	S: Czech Republic Poland Russia	(106) 3 1 30	T-55AM-2 Deba Class Lublin Class T-72	Main battle tank Landing craft Landing ship Main battle tank	1999 (2000) 1999 (1999)	2000 2000	(106) 30	Ex-Czech Army; incl some T-54 tanks; possibly refurbished before delivery Designation uncertain Ex-Russian Army; refurbished before delivery
Yugoslavia	L: Russia	..	AT-3 Sagger/9M14M	Anti-tank missile	(1974)	1992-2000	(650)	Incl for Mi-8 helicopters and M-80 IFVs; ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union
		..	SA-7b Grail/Strela-2M	Portable SAM	(1980)	1992-2000	(150)	Yugoslavian designation Strela-2M and Strela-2MA; ordered from Soviet Union and produced under Russian licence after breakup of Soviet Union
Zambia	S: China	8	K-8 Karakorum-8	Jet trainer aircraft	(1998)	2000	8	
Abbreviations and acronyms								
ac	Aircraft	CDM	Coast defence missile	OPV	Offshore patrol vessel			
AAA	Anti-aircraft artillery	CIWS	Close-in weapon system	Recco	Reconnaissance	..		
AALS	Amphibious assault landing ship	CP	Command post	SAM	Surface-to-air missile	()		
AAV	Anti-aircraft vehicle	EDA	Excess Defense Articles (US)	SAR	Search and rescue	m		
ABL	Armoured bridge-layer	ELINT	Electronic intelligence	ShAM	Ship-to-air missile	million (10 ⁶)		
ACV	Air-cushion vessel (hovercraft)	EW	Electronic warfare	ShSJM	Ship-to-ship missile	b		
AEV	Armoured engineer vehicle	FAC	Fast attack craft	SIGINT	Signals intelligence	billion (10 ⁹)		
AEW	Airborne early-warning	FGA	Fighter/ground attack	SLCM	Submarine-launched cruise missile			
AEW&C	Airborne early-warning and control	FMF	Foreign Military Funding (US)	SSM	Surface-to-surface missile			
AGS	Airborne ground-surveillance	FMS	Foreign Military Sales (US)	SuShM	Submarine-to-ship missile			
ALV	Armoured logistic vehicle	FRG	Federal Republic of Germany	UAE	United Arab Emirates			
AMV	Anti-mine vehicle	(G)	Gun-armed	UAV	Unmanned aerial vehicle (drone)			
APC	Armoured personnel carrier	GDR	German Democratic Republic	UIFSA	United Islamic Front for the Salvation of Afghanistan (Northern Alliance)			
APC/CP	Armoured personnel carrier/ command post	IFV	Infantry fighting vehicle					
ARV	Armoured recovery vehicle	incl	Including/include(s)					
ASM	Air-to-surface missile	LTTE	Liberation Tigers of Tamil Eelam	VIP	Very important person			
ASW	Anti-submarine warfare	(M)	Missile-armed	VLS	Vertical-launch system			
			Mine countermeasures	VTOL	Vertical take-off and landing (aircraft)			
			Maritime patrol					
			MRL					
			no.					

Table 5C.2. Index of suppliers of major conventional weapons and their recipients and licensees, 2000

This index lists recipients and licensees by suppliers of major weapons on order or under delivery, or for which the licence was bought and production was under way or completed during 2000. The types of weapon involved in the transfers can be found by cross-referencing with the register of the transfers and licensed production of major conventional weapons in 2000 in table 5C.1. Entries are alphabetical, by supplier, recipient and licensee.

Supplier	No.	Recipients (R) and licensees (L)
Australia	1	R: Thailand L: Thailand
Austria	1	R: Brazil L: Belgium, USA
Belarus	2	R: Algeria, Angola
Brazil	2	R: Greece, Venezuela
Bulgaria	1	R: Czech Republic
Canada	13	R: Australia, Brazil, Cyprus, Denmark, Indonesia, Mexico, New Zealand, Saudi Arabia, Spain, Sri Lanka, Thailand, UK, USA
Chile	1	L: Australia
China	6	R: Bangladesh, Iran, Kuwait, Pakistan, Sri Lanka, Zambia
Czech Republic	2	L: Egypt, Pakistan
Denmark	4	R: Ethiopia, Georgia, Sri Lanka, Yemen
Finland	1	R: Estonia
France	4	L: Greece
	25	R: Egypt, Netherlands, Norway, Sweden R: Brazil, Brunei, Chile, China, Cyprus, Greece, India, Indonesia, Ireland, Italy, Kuwait, Morocco, Oman, Pakistan, Qatar, Romania, Saudi Arabia, Singapore, South Africa, South Korea, Spain, Switzerland, Turkey, UAE, Venezuela
Georgia	5	L: China, India, Japan, Pakistan, Turkey
Germany	1	R: Congo (DRC)
	21	R: Canada, Egypt, Estonia, Greece, India, Israel, Italy, Lithuania, Macedonia, Malaysia, Netherlands, Nigeria, Portugal, Romania, South Africa, South Korea, Spain, Sweden, Turkey
Greece	13	L: Argentina, Australia, Brazil, Egypt, Greece, India, Indonesia, Italy, Malaysia, South Korea, Spain, Sweden, Turkey
India	1	R: Cyprus
Indonesia	1	R: Sri Lanka
Ireland	2	R: Brunei, South Korea
Israel	1	R: Taiwan
	13	R: Argentina, Australia, Belgium, Ecuador, Finland, India, NATO, Romania, Singapore, Sri Lanka, Taiwan, Turkey, Venezuela
Italy	2	L: China, USA
	14	R: Argentina, Brazil, Canada, China, India, Mauritania, Mexico, Netherlands, South Africa, Spain, Turkey, Uruguay, Venezuela
Malawi	3	L: Australia, Greece, Pakistan
	1	R: Cape Verde

Netherlands	12	R: Argentina, Chile, Germany, Greece, India, Indonesia, South Korea, Spain, Turkey, UAE, UK, Venezuela L: India, South Korea
Norway	5	R: Australia, Denmark, Spain, Turkey, UK
Pakistan	2	R: Oman, Sri Lanka
Poland	3	R: India, Venezuela, Yemen
Russia	19	R: Afghanistan/Northern Alliance, Algeria, Bangladesh, China, Ethiopia, Greece, Hungary, India, Indonesia, Iran, Kazakhstan, Laos, Malaysia, Mexico, Peru, Syria, UAE, Viet Nam, Yemen L: China, India, Iran, North Korea, Poland, Romania, Viet Nam, Yugoslavia
Singapore	8	L: Brazil
Slovakia	1	R: Angola, India
South Africa	2	R: Australia, Malaysia, Swaziland, UN
South Korea	4	R: Bangladesh, Venezuela
Spain	2	R: Austria, Chile, Dominican Republic, France, Mauritania, Norway, Switzerland
Sweden	7	L: Indonesia, Turkey R: Australia, Austria, Brazil, Finland, France, Germany, Greece, Italy, Norway, Pakistan, Poland, Singapore, South Africa, Spain, Switzerland, UK, Venezuela
Switzerland	2	L: Australia, Switzerland
Turkey	8	R: Argentina, Denmark, Ireland, Malaysia, Oman, Sweden, Thailand, USA
UK	3	L: Canada, Chile, USA R: Macedonia, Malaysia, UAE
Ukraine	26	R: Australia, Belgium, Brunei, Canada, Chile, China, Germany, Ghana, Greece, India, Indonesia, Ireland, Italy, Jordan, Kuwait, Malaysia, Malta, Oman, Poland, Saudi Arabia, South Africa, South Korea, Spain, Sri Lanka, Turkey, UAE
Unknown ^a	10	L: Algeria, Australia, Greece, India, Poland, Saudi Arabia, Spain, Thailand, Turkey, USA
Uruguay	7	R: Czech Republic, Greece, India, Iran, Jordan, Sri Lanka, Viet Nam
USA	3	R: Chile, Nigeria, UN
	1	R: Bolivia
	47	R: Algeria, Argentina, Australia, Austria, Bahrain, Bangladesh, Belgium, Botswana, Brazil, Canada, Chile, Colombia, Croatia, Denmark, Egypt, Finland, France, Georgia, Germany, Greece, Indonesia, Israel, Italy, Japan, Jordan, Kuwait, Lebanon, Mexico, Morocco, Netherlands, New Zealand, Norway, Peru, Poland, Portugal, Romania, Saudi Arabia, Singapore, South Korea, Spain, Sri Lanka, Taiwan, Thailand, Trinidad and Tobago, Turkey, UAE, UK
Uzbekistan	7	L: Egypt, Germany, Japan, South Korea, Taiwan, Turkey, UK
	1	R: India

^a 'Unknown' is used in cases where it has not been possible to identify a supplier or recipient with an acceptable degree of certainty.

Appendix 5D. Sources and methods for arms transfers data¹

The SIPRI Arms Transfers Project reports on international flows of conventional weapons. Since publicly available information is inadequate for the tracking of all weapons and other military equipment, SIPRI covers only what it terms as *major conventional weapons*.

Data are collected from open sources in the SIPRI arms transfers database and presented in a register that identifies the suppliers, recipients and weapon deliveries; and in tables that provide a measure of the trends in the total flow of major weapons and its geographical pattern. SIPRI has developed a unique trend-indicator value system. This system is not comparable to official economic statistics such as gross domestic product, public expenditure and export/import figures.

The database covers the period from 1950. Data collection and analysis are a continuous process. As new data become available the database is updated for all years included in the database.²

I. Selection criteria and coverage

Selection criteria

SIPRI uses the term ‘transfer’ rather than ‘trade’ since the latter is usually associated with ‘sale’. SIPRI covers not only sales of weapons, including manufacturing licences, but also other forms of weapon supply, including aid and gifts.

The transferred weapons must be destined for the armed forces, paramilitary forces or intelligence agencies of another country. Weapons supplied to or from rebel forces in an armed conflict are included as deliveries to or from the individual rebel forces, identified under separate ‘recipient’ or ‘supplier’ headings. In cases where deliveries are identified, but where it is not possible to identify either the supplier or the recipient with an acceptable degree of certainty, transfers are registered as coming from ‘unknown’ suppliers or going to ‘unknown’ recipients.

Weapons must be transferred voluntarily by the supplier. This includes weapons delivered illegally—without proper authorization by the government of the supplier or recipient country—but excludes captured weapons and weapons obtained through defectors.

The weapons must have a military purpose. Systems such as VIP (very important person) aircraft used mainly for other government branches but registered with and operated by the armed forces are excluded. Weapons supplied for technical or arms procurement evaluation purposes only are not included.

¹ A complete description of the SIPRI Arms Transfers Project methodology, including a list of the sources used, is available on the SIPRI Internet site at URL <<http://www.sipri.se/projects/armstrade/atmethods.html>>.

² Thus data from several SIPRI Yearbooks or other SIPRI publications cannot be combined. Readers who require time-series data for periods before the years covered in this Yearbook should contact SIPRI, preferably via the Internet site at URL <<http://projects.sipri.se/armstrade/atrequest.html>>.

Major conventional weapons: the coverage

SIPRI covers only what it terms as *major conventional weapons*, defined as:

1. *Aircraft*: all fixed-wing aircraft and helicopters, including unmanned reconnaissance/surveillance aircraft, with the exception of micro-light aircraft, powered and unpowered gliders and target drones.
2. *Armoured vehicles*: all vehicles with integral armour protection, including all types of tank, tank destroyer, armoured car, armoured personnel carrier, armoured support vehicle and infantry fighting vehicle.
3. *Artillery*: naval, fixed, self-propelled and towed guns, howitzers, multiple rocket launchers and mortars, with a calibre equal to or above 100-mm.
4. *Radar systems*: all land-, aircraft- and ship-based surveillance and fire-control radars, with the exception of navigation, weather and range-only radars. In cases where the radar is fitted on a platform (vehicle, aircraft or ship), the register only notes those radars that come from a different supplier than the supplier of the platform.
5. *Missiles*: all powered, guided missiles with conventional warheads. Unguided rockets, guided but unpowered shells and bombs, free-fall aerial munitions, anti-submarine rockets, target-drones and torpedoes are excluded.
6. *Ships*: all ships with a standard tonnage of 100 tonnes or more, and all ships armed with artillery of 100-mm calibre or more, torpedoes or guided missiles, with the exception of survey ships, tugs and some transport ships.

The statistics presented refer to transfers of weapons in these six categories only. Transfers of other military equipment—such as small arms/light weapons, trucks, artillery under 100-mm calibre, ammunition, support equipment and components, as well as services or technology transfers—are not included.

II. The SIPRI trend indicator

The SIPRI system for the valuation of arms transfers is designed as a *trend-measuring device*. It permits the measurement of changes in the total flow of major weapons and its geographical pattern. The trends presented in the tables of SIPRI trend-indicator values are based only on *actual deliveries* during the year/years covered in the relevant tables and figures, not on orders signed in a year.

The trend-indicator value system, in which similar weapons have similar values, reflects both the quantity and the quality of the weapons transferred. The value reflects the transfer of *military resources*.

Arms transfers can be measured with several objectives in mind. The two most common objectives are to gain knowledge about the economic factor and about the military factor of arms transfers. However, different goals require different statistical approaches.

The SIPRI values do not reflect the financial value (payments for) of weapons transferred. This is impossible for three reasons. First, in many cases no reliable data on the value of the transfer are available. Second, even if the value of a transfer is known, it is in almost every case the total value of a deal, which may include not only the weapons entered in the SIPRI database but also other items related to these weapons (e.g., spare parts, armament or ammunition) as well as support systems (e.g.,

specialized vehicles) and items related to the integration of the weapon in the armed forces (e.g., software changes to existing systems or training). Third, even if the value of a transfer is known, there remains the problem that important details about the financial arrangements of the transfer (e.g., credit/loan conditions and discounts) are usually not known.³

Measuring the military factor would require a concentration on the value of the weapons as a military resource. Again, this could be done from the actual financial values of the weapons transferred, assuming that these values generally reflect the military capability of the weapon. However, the problems enumerated above would still be valid (e.g., a very expensive weapon may be transferred as aid at a 'zero' price and therefore not show up in financial statistics, but it would still be a significant transfer of military resources). The SIPRI solution is a system in which military resources are measured by including an evaluation of the technical parameters of the weapons. The tasks and performance of the weapons are evaluated and the weapons are assigned a value in an index. These values reflect the military resource value of the weapon in relation to other weapons. This can be done under the condition that a number of benchmarks or reference points are established by assigning some weapons a fixed place in the index. These are the core of the index, and all other weapons are compared to these *core weapons*.

In short, the process of calculating the SIPRI trend-indicator value for individual weapons is as follows.

For a number of weapon types (noted in the register as the 'weapon designation') it is possible to find the actual average unit acquisition price in open sources. It is assumed that such real prices roughly reflect the military resource value of a system. For example, a combat aircraft bought for \$10 million may be assumed to be twice the resource as one bought for \$5 million, and a submarine bought for \$100 million may be assumed 10 times the resource as the \$10 million combat aircraft. Those weapons with a real price are used as the core weapons of the valuation.

Weapons for which a price is not known are compared with core weapons. This comparison is made in the following steps.

1. The description of a weapon is compared with the description of the core weapon. In cases where no core weapon exactly matches the description of the weapon for which a price is to be found, the closest match is sought.

2. Standard characteristics of size and performance (weight, speed, range and payload) are compared with those of a core weapon of a similar description. For example, a 15 000-kg combat aircraft would be compared with a combat aircraft of similar size.

3. Other characteristics, such as the type of electronics, loading/unloading arrangements, engine, tracks or wheels, armament and materials, are compared.

4. Weapons are compared with a core weapon from the same period.

Production under licence is included in the arms transfers statistics to reflect the average percentage of licenser-imported components embodied in the weapon (in reality this import share may fluctuate, often gradually decreasing over time). Supplies of subsystems from other sources than the licenser registered in the database are not included (unless these subsystems are weapons as defined by SIPRI for the

³ It is possible to present a very rough idea of the economic factors from the financial statistics now available from most arms-exporting countries. However, most of these statistics lack sufficient detail. See appendix 5E.

database, in which case a separate record is included in the database with details for these systems).

Weapons delivered in ‘second-hand’ condition are given a standard value of 40 per cent of the value assigned to the new weapon; second-hand weapons that have been significantly refurbished or modified by the supplier before delivery (and have thereby become a greater military resource) are given a value of 66 per cent of the new value. In reality there may be huge differences in the military resource value of a second-hand weapon depending on its condition after use and the modifications during the years of use.

The SIPRI trend indicator does not measure military value or effectiveness. It does not take into account the conditions under which a weapon is operated (e.g., an F-16 combat aircraft operated by well-balanced, well-trained and well-integrated armed forces has a much greater military value than the same aircraft operated by a developing country; the resource is the same but the effect is very different). It also assumes that the real prices of the core weapons are genuinely real and do not include costs that, even if officially part of the programme, are actually not exclusively related to the weapon itself—for example, funds that seem to be part of a programme could actually be related to optional add-ons and armament or to the development of basic technology that will also be included (free of cost) in other programmes but have for the sake of convenience been put under one programme, and hidden government subsidies to keep industry in being by paying more than the weapon is worth).

III. Sources

The sources for the data presented in the arms transfers register are of a wide variety: newspapers; periodicals and journals; books, monographs and annual reference works; and official national and international documents. The common criterion for all these sources is that they are open—published and available to the general public.

Such open information cannot, however, provide a comprehensive picture of world arms transfers. Published reports often provide only partial information, and substantial disagreement among reports is common. Order and delivery dates and exact numbers, or even types, of weapons ordered and delivered, or the identity of suppliers or recipients, may not always be clear from the sources. Therefore, the exercise of judgement and the making of estimates are important elements in compiling the SIPRI arms transfers database. Estimates are kept at conservatively low levels (and may very well be underestimates).

All sources of data as well as calculations of estimates, while not published by SIPRI, are documented in the SIPRI database.