## Trade in and licensed production of major conventional weapons: Exports sorted by supplier. Deals with deliveries or orders made 1995-2005

This register lists major weapons on order or under delivery, or for which the licence was bought and production was under way or completed during 1995-2005. 'Year(s) of deliveries' includes aggregates of all deliveries and licensed production since the beginning of the contract. Sources and methods for the data collection, and the conventions, abbreviations and acronyms used, are explained in SIPRI Yearbooks. Entries are alphabetical, by supplier, recipient and licensee.

Supplier/ recipient (R) or licenser (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Israel							
R: Angola	(6)	Bell-212/UH-1N	Helicopter	(2004)	2004-2005	(6)	Ex-Israeli
Argentina	1	Bell-212/UH-1N	Helicopter	(1998)	1998	1	Ex-Israeli
C	1	Bell-212/UH-1N	Helicopter	2000	2000	1	Ex-Israeli
	5	EL/M-2022	MP aircraft radar	1989	1995-2002	(5)	Part of \$30 m modernization of 5 S-2E ASW/MP aircraft to S-2ET in Israel
Australia	18	EL/M-2022	MP aircraft radar	1995	2002-2005	(18)	Part of \$372-495 m 'Project Air-5276' for modernization of 18 P-3C ASW/MP aircraft to AP-3C Sea Sentinel by US company
	37	Litening	Aircraft El/Op system	2005			Litening-AT version; for F/A-18 combat aircraft; ordered via USA; from US production line; delivery 2006-2007
Belgium	18	B-Hunter	UAV	1998	2001-2002	(18)	Deal worth \$73 m
Brazil	(8)	K-6	Mortar	(1994)	1995	8	No. delivered could be up to 85
	(200)	Python-3	SRAAM	(1996)	1998-2001	(200)	•
Cameroon	(8)	Model-839 155mm	Towed gun	(1996)	1997-98	8	Designation uncertain; possibly ex-Israeli
Chile	24	K-6	Mortar	(1999)	2000	24	Designation uncertain
	14	EL/M-2032	aircraft radar	1990	1993-97	(14)	EL/M-2032B version; for modernization of 14 Chilean F-5E combat aircraft to Tigre-3 version

Supplier/ recipient (R) or licenser (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	1	EL/M-2075 Phalcon	AEW aircraft radar	(1989)	1995	1	For \$150 m modification of 1 Chilean Boeing-707 to Phalcon-707-385C AEW&C aircraft in Israel; Chilean designation Condor; plan for 1 more cancelled
	8	EL/M-2221	Fire control radar	(1989)	1993-96	(8)	For modernization of 4 Prat (County) Class destroyers; for use with Barak SAM
	4	EL/M-2228	Fire control radar	(1989)	1993-96	(4)	For modernization of 4 Prat (County) destroyers; EL/M-2228S version
	(96)	Barak	SAM	1989	1993-96	(88)	For modernized Prat (County) Class destroyers
	(84)	Derby	BVRAAM	(2001)	2002-2003	(84)	For Tigre-3 (modernized F-5E) combat aircraft
		Derby	BVRAAM	2003			For F-16C combat aircraft
	(10)	Gabriel-2	Anti-ship missile	(1996)	1997	10	For Reshef (Casma) Class FAC
	(120)	Python-3	SRAAM	(1988)	1992-97	(120)	For Pantera (modernized Mirage-50) and Tigre-3 (modernized F-5E) combat aircraft
	(84)	Python-4	BVRAAM	(2001)	2001-2002	(84)	For Tigre-3 (modernized F-5E) combat aircraft
		Python-4	BVRAAM	2003			For F-16C combat aircraft
	1	Reshef/Saar-4	FAC(M)	1996	1997	1	Ex-Israeli; Chilean designation Casma; 1 more delivered for spares only
China	(50)	Harpy	Anti-radar UAV	(1998)	1998-99	(50)	• •
Cote d'Ivoire	(2)	Aerostar	UAV	(2003)	2003	(2)	
Cyprus	2	Searcher UAV	UAV	(2002)	2002	(2)	
Czech Republic	(10)	EL/M-2140	Ground surv radar	1994	1995-97	(10)	Czech designation BR-2140E
Ecuador	4	Kfir C-2	FGA aircraft	1995	1996	4	Ex-Israeli; possibly modernized before delivery; originally 8 ordered for \$40 m but USA (involved since aircraft had US engines) did not allow more than 4 to be delivered
	2	Kfir C-2	FGA aircraft	1998	1999	2	Ex-Israeli; modernized before delivery; deal worth \$60-65 m incl modernization of 10-11 Ecuadorian Kfir C-2
	(60)	Python-3	SRAAM	(1995)	1996	(60)	For Kfir C2 combat aircraft

	(48)	Python-4	BVRAAM	(1998)	1999-2000	(48)	For Kfir CE (modernized Kfir C2) combat aircraft
Eritrea	1	Ashdod Class	Landing craft	1997	1997	1	Second-hand
Estonia	(130)	MAPATS	Anti-tank missile	1993	1994-96	(130)	
Finland	6	Ranger	UAV	1999	2001	6	\$20 m deal; ordered via Swiss company
	6	Ranger	UAV	2003	2005	(6)	\$20 m deal; ordered via Swiss company; Ranger-2 version
		Spike-ER	Anti-tank missile	2002			Deal worth \$22 m; for coastal defence; from Dutch-German EuroSpike production line
		Spike-MR/LR	Anti-tank missile	2000	2005	(50)	\$30 m deal; from German EuroSpike production line; Spike-2.5 or Spike-MR version
France	3	Eagle	UAV	2001	2005	(2)	'SIDM' programme, delivery by 2006
	(6)	Hunter UAV	UAV	(1995)	1997	(6)	Deal worth \$50 m
Germany (FRG)	4	A-4N Skyhawk-2	FGA aircraft	2000	2001	(4)	Ex-Israeli; modernized and modified for target towing before delivery; owned and operated by civilian company for target towing for FRG armed forces
		Litening	Aircraft El/Op system	(2000)	2003-2005	(15)	For Tornado combat aircraft; assembled/produced in FRG
Greece	3	Saar-4	Patrol craft	2002	2003-2004	3	\$102 m deal; incl 1 assembled in Greece; for coast guard; Greek designation Fournoi Class
India	(7)	Astra SPX	Light transport ac	1997	1997-98	(7)	For ELINT
	(8)	Heron-2	UAV	(2001)	2002-2003	(8)	
	(4)	Heron-2	MP UAV	(2003)	2005	(4)	
	(30)	Heron-2	UAV	(2005)			\$200-266 m deal; Heron/Eagle version; no. may be up to 50; contract possibly not yet signed
	32	Searcher UAV	UAV	(2000)	2001-2002	(32)	Part of \$300 m deal; Searcher-2 version; bought after experiences in 1999 fighting with Pakistan
	(12)	Searcher UAV	UAV	(1996)	1998	(12)	No. delivered could be up to 36
	(8)	Searcher UAV	UAV	2002	2003	(8)	Searcher-2 version
	7	M-58/M-66 160mm	Mortar	(2000)	2000	7	
	28	EL/M-2022	MP aircraft radar	(2000)	2001-2005	(17)	For 28 Do-228MP MP aircraft from FRG; fitted up to 4 years after aircraft delivered
	(2)	EL/M-2032	aircraft radar	(1999)	2004-2005	(2)	For 2 Jaguar-IM (Maritime Jaguar) combat aircraft from UK

Supplier/ recipient (R) or licenser (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	10	EL/M-2032	aircraft radar	1999	1999-2005	(10)	\$16 m deal; for modernization of 10 Jaguar-M combat aircraft
	(14)	EL/M-2032	aircraft radar	2005		••	Part INR4.76 b deal; for modernization of 14 Sea Harrier combat aircraft
	3	EL/M-2075 Phalcon	AEW aircraft radar	2004			Part worth \$1.1 b deal (incl \$350 m advance payment); for 3 A-50EhI AEW&C aircraft (aircraft delivered from Uzbekistan via Russia and fitted with radar in Israel); delivery 2007-2009
	(170)	EL/M-2140	Ground surv radar	1998	2000-2001	(170)	
	(2)	EL/M-2221	Fire control radar	(2001)	2002-2003	(2)	\$260-280 m deal; for use with Barak SAM on 1 modernized Viraat aircraft carrier and 1 modernized Godavari frigate
	6	EL/M-2221	Fire control radar	(2002)	2003-2005	(4)	For 3 Delhi and 3 Bangalore destroyers produced in India; for use with Barak SAM
	5	EL/M-2221	Fire control radar	(2003)	2004-2005	(4)	For 3 Brahmaputra frigates produced in India and modernization of 2 Godavari frigates; for use with Barak SAM
	2	Green Pine	Air surv radar	2002			Status uncertain
	(36)	Barak	SAM	(2001)	2003	(36)	Part of deal worth \$260-280 m; for modernized Viraat Class aircraft carrier and Godavari Class frigate
	(144)	Barak	SAM	(2002)	2003-2005	(72)	For Delhi and Bangalore destroyers
	(60)	Barak	SAM	(2003)	2004-2005	(60)	For Brahmaputra and modernized Godavari frigates
	20	Derby	BVRAAM	2005			Deal worth \$25 m; for modernized Sea Harrier combat aircraft
	(40)	Harpy	Anti-radar UAV	1997	1999-2000	(40)	
	30	Popeye-1	ASM	2001	2004-2005	(4)	INR2.7 b (\$63 m) deal; for Mirage-2000 combat aircraft; Indian designation Crystal Maze

Italy	4	Litening	Aircraft El/Op system	2000	2000	(4)	Part of deal worth \$25 m; Litening-2 version; for AV-8B combat aircraft; ordered via USA; from US production line
Lebanon/SLA	20	M-66 160mm SP	Self-propelled mortar	(1994)	1996	20	Ex-Israeli; aid
Mexico	2	C-130E Hercules	Transport aircraft	(2001)	2002	(2)	Ex-Israeli
	3	E-2C Hawkeye	AEW&C aircraft	2002	2004	3	Ex-Israeli; deal worth \$18 m; incl for antinarcotics operations
	(2)	S-65/Yasur-2000	Helicopter	(2005)	2005	2	Ex-Israeli
	2	Aliya	FAC(M)	2003	2004	(2)	Ex-Israeli; deal worth \$64 m or \$90 m
Netherlands	2 400	Spike-MR/LR	Anti-tank missile	2001	2005	(10)	\$150-225 m deal; from German Eurospike production line; Spike-MR version
New Zealand	6	EL/M-2022	MP aircraft radar	2005			Part of NZD352 m modernization of 6 P-3K ASW/MP aircraft; EL/M-2022(V)3 version; delivery 2008-2010
Philippines	2	Blue Horizon	UAV	2001	2001	2	Deal worth \$1-1.2 m or \$2-12 m; for use against Abu Sayyaf and other Muslim rebels; possibly delivered from Singapore
Poland	(2 675)	Spike-MR/LR	Anti-tank missile	2003	2004-2005	(270)	PLN1.49b (\$397-450 m) deal (incl \$250-260 m for Israeli producer; incl 264 launchers; offsets \$826 m incl production of components and assembly in Poland); Spike-LR version; delivery 2004-2013
Romania	25	EL/M-2032	aircraft radar	1993	1996-2002	(25)	For modernization of 25 MiG-21MF combat aircraft to MiG-21 Lancer-A
	(1 000)	Spike-ER	Anti-tank missile	(1998)	1999-2005	(1 000)	For SA-330 (IAR-330) helicopters modernized to IAR-330 SOCAT
		Spike-MR/LR	Anti-tank missile	(2005)	2005	(50)	For modernized MLI-84 IFVs; from German EuroSpike production line
Singapore	(10)	Searcher UAV	UAV	(1997)	1998-99	(10)	Searcher-2 version
	6	EL/M-2221	Fire control radar	1992	1996-97	(6)	For 6 Type-62 (Victory Class) corvettes from FRG; for use with Barak SAM
	12	EL/M-2228	Fire control radar	(1993)	1996-98	12	For 12 Fearless Class patrol craft/FAC produced in Singapore
	4	EL/M-2238	Air surv radar	(1996)	2000-2001	4	For 4 Endurance Class landing ships
	(144)	Barak	SAM	(1992)	1996-97	(144)	For Type-62 (Victory Class) corvettes

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	(600)	Python-4	BVRAAM	(1997)	1997-2004	(600)	For F-5S and F-16 combat aircraft
		Spike-MR/LR	Anti-tank missile	1999	2001-2005	(900)	Probably Spike-LR version; assembled in Singapore
Slovenia	(56)	K-6	Mortar	(1995)	1996	56	Designation uncertain
	18	Model-839 155mm	Towed gun	1996	1996-97	18	Incl assembly in Slovenia
South Africa	(3)	EL/M-2208	Air surv radar	(1996)	1999-2000	(3)	For modernization of Minister (Reshef) FAC
South Korea	100	Harpy	Anti-radar UAV	1997	1998-2000	(100)	
Spain	2	Litening	Aircraft El/Op system	2000	2000	(2)	Part of deal worth \$25 m; Litening-2 version; for AV-8B combat aircraft; ordered via USA; from US production line
	25	Litening	Aircraft El/Op system	(2001)	2003-2004	(25)	Litening-2 version; for F/A-18 combat aircraft; probably from US production line
Sri Lanka	3	Kfir C-2	FGA aircraft	(1995)	1996	3	Ex-Israeli; mainly for use against LTTE rebels
	(4)	Kfir C-2	FGA aircraft	(1995)	1996	(4)	Ex-Israeli; incl 1 Kfir TC-2 version; mainly for use against LTTE rebels
	(4)	Kfir C-2	FGA aircraft	2000	2000	(4)	Ex-Israeli; mainly for use against LTTE rebels
	4	Kfir C-7	FGA aircraft	2000	2000	4	Ex-Israeli; mainly for use against LTTE rebels
	1	Kfir C-7	FGA aircraft	(2004)	2005	1	Ex-Israeli; part of \$25 m deal; probably modernized before delivery
	(6)	Scout	UAV	(1995)	1998	(6)	Second-hand; deal worth \$4.3 m; Super Scout version; modernized before delivery; for use against LTTE rebels
	(2)	Scout	UAV	(2000)	2001	(2)	Super Scout version; for use against LTTE rebels
	(16)	Gabriel-2	Anti-ship missile	(1999)	2000	(16)	For 2 ex-Israeli Reshef (Nandimithra) Class FAC
	2	Reshef/Saar-4	FAC(M)	(1999)	2000	2	Ex-Israeli; deal worth \$26 m; for use against LTTE rebels; Sri Lankese designation Nandimithra Class
Switzerland	28	Ranger	UAV	1996	1998-2001	(28)	For 4 ADS-95 UAV reconnaissance systems; incl assembly in Switzerland
Taiwan	1	Astra SPX	Light transport ac	1999	2000	1	Owned and operated by civilian company for target towing

Thailand	4	Searcher UAV	UAV	(2000)	2001	(4)	Deal worth \$12 m
	1	EL/M-2032	aircraft radar	(1997)	1998	1	For modernization of F-5E FGA aircraft
Turkey	10	Heron-2	UAV	2005			Deal worth \$183 m (offsets 30%); delivery 2007
	170	Sabra-3	Tank	(2002)	2005	1	\$688 m deal; Turkish M-60A3 tanks rebuild to Sabra-3
	54	EL/M-2032	aircraft radar	1997	2001-2003	(54)	For 54 F-4E combat aircraft modernized in deal worth \$600-700 m in Israel to F-4E-2020 version
	(108)	Harpy	Anti-radar UAV	1999	2001-2004	(108)	Deal probably worth \$76 m
	(46)	Popeye-1	ASM	(1998)	2002	(46)	Deal worth \$90 m; for F-4E-2020 combat aircraft
UK		Hermes-450	UAV	2005			Part of GBP700 m (\$1.2 b; incl GBP300m for producer of Hermes-450) 'Watchkeeper' programme; incl assembly/production in UK; UK designation WK-450; delivery from 2010
	20	Litening	Aircraft El/Op system	2005			Deal worth GBP15 m; Litening-3 version; bought via UK company; for Eurofighter combat aircraft
USA	13	A-4E Skyhawk	FGA aircraft	2000	2001	13	Ex-Israeli; operated by civilian company in USA for US and other military customers for training; incl 3 TA-4J trainer version
	(2)	Aerostar	UAV	2004	2004	(2)	Assembled/produced in USA; for training
	2	Astra SPX	Light transport ac	1996	1997	2	Deal worth \$1 m; US designation C-38A; option on 2 more not used
	(62)	Hunter UAV	UAV	1992	1993-96	(62)	Deal incl 7 ground-control systems; ordered via US company; possibly assembled in USA; US designation RQ-5A
	2	Kfir C-2	FGA aircraft	(2001)	2002	2	Ex-Israeli; leased by civilian company for training of US armed forces; Kfir TC-2 version
	(4)	Kfir C-2	FGA aircraft	2002	2002-2004	(4)	Ex-Israeli; modernized before delivery; delivered to civilian company for training of US armed forces
		CARDOM 120mm	Mortar	(2003)	2004-2005	(75)	For Piranha-3 (Stryker) mortar carrier
	1 254	K-6	Mortar	1990	1991-97	(1 254)	Incl for use in M-106A3 mortar carrier; US designations M-120 and M-121
	(4)	K-6	Mortar	(2002)	2002	(4)	Possibly for Piranha mortar carrier

Supplier/ recipient (R) or licenser (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
		Litening	Aircraft El/Op system	(2001)	2002-2005	(40)	Litening-2 and Litening-ER versions; for F-16 and AV-8B combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	16	Litening	Aircraft El/Op system	2002	2002-2003	(16)	Deal worth \$19.3 m; Litening-ER version; for F- 16 combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	24	Litening	Aircraft El/Op system	2003	2003	24	Deal worth \$32.6 m; Litening-ER version; for F-15E, F-16, A-10 and B-52 combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	32	Litening	Aircraft El/Op system	1999	2000-2001	(32)	Deal worth \$53 m; Litening-2 version; for F-16 combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	9	Litening	Aircraft El/Op system	2000	2000	(9)	Part of deal worth \$25 m; Litening-2 version; for AV-8B combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	47	Litening	Aircraft El/Op system	2001	2001-2002	(47)	Deal worth \$55-73 m; Litening-2 version; for AV-8B combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	8	Litening	Aircraft El/Op system	2004	2004	(8)	Deal worth \$10.3 m; Litening-AT version; for F/A-18 combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	(24)	Litening	Aircraft El/Op system	2005			Litening-AT version; for F/A-18 combat aircraft; assembled/produced in USA; US designation AN/AAQ-28
	(50)	Popeye-1	ASM	(1993)	1993-95	50	For B-52H combat aircraft; US designation AGM-142A Raptor or Have Nap
	50	Popeye-1	ASM	1996	1997-98	(50)	Deal worth \$39 m; US designation AGM-142 Raptor or Have Nap

	(42)	Popeye-1	ASM	(1998)	2000	(42)	US designation AGM-142 Raptor or Have Nap; no. delivered could be 142
Uganda	18	Model-839 155mm	Towed gun	(2002)	2002	18	Designation uncertain; possibly ex-Israeli
Unknown country	y (2)	Aerostar	UAV	(2003)	2003	(2)	Recipient is an African country
	(2)	Aerostar	UAV	(2003)	2003	(2)	Recipient is an African country
	(4)	ATMOS-2000 155mm	Self-propelled gun	2003	2004	(4)	Deal worth \$5 m; recipient possibly Botswana
	(10)	Rhino	APC/ISV	(1994)	1995	(10)	
	3	SPYDER	Mobile SAM system	(2005)		••	Recipient is an Asian country (possibly Singapore)
Uruguay	15	T-54/55 Model-S	Tank	(1997)	1997	15	Ex-Israeli
Venezuela	12	EL/M-2032	aircraft radar	(2002)			For 12 AMX-ATA trainer/combat aircraft from Brazil
	(2)	EL/M-2238	Air surv radar	1999	2002	2	For modernization of 2 Sucre (Lupo) Class frigates
	(4)	Litening	Aircraft El/Op system	(1997)	1997	(4)	For F-16 combat aircraft
	(54)	Barak	SAM	1999	2002	(54)	Deal worth \$20 m incl 3 ADAMS launchers; option on 3 more launchers not used; ordered via Dutch company
	(54)	Python-4	BVRAAM	2003	2004	(54)	Deal worth \$7.5 m; for F-16A combat aircraft
L: China	(3 000)	Python-3	SRAAM	1990	1990-2001	(3 000)	Chinese designation PL-8; possibly also for use as SAM; no. delivered could be much lower or higher
USA	(250)	Popeye-1/AGM-142	ASM	1998	2000-2005	(250)	US designation AGM-142 Raptor or Have Nap