

Transfers and licensed production of major conventional weapons: Israeli exports, sorted by recipient. Deals with deliveries or orders made 1993-2002

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 1993-2002. '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 recipient, supplier and licensor.

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Argentina							
S: Israel	1	Bell-212/UH-1N	Helicopter	(1998)	1998	1	Ex-Israeli
	1	Bell-212/UH-1N	Helicopter	2000	2000	1	Ex-Israeli
	(6)	EL/M-2022	MP aircraft radar	(1993)	1995-2000	(6)	Part of \$30 m modernization of 6 S-2E/G ASW/MP aircraft to S-2T version
Australia							
S: Israel	(18)	EL/M-2022	MP aircraft radar	1995	2002	6	Part of 'Project Air-5276' worth \$372-495 m for modernization of 18 P-3C ASW/MP aircraft to AP-3C Sea Sentinel version by US company; delivery of aircraft 2002-2004

Belgium

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
S: Israel	18	B-Hunter UAV	UAV	1998	2001-2002	(18)	Deal worth \$72.7 m incl 3 control systems
Botswana							
S: Israel	(5)	M-71	Towed gun	(1997)	1998	(5)	Designation uncertain; possibly ex-Israeli
Brazil							
S: Israel	12	Kfir C7	FGA aircraft	2002		..	Ex-Israeli Kfir C7 modernized to Kfir C10 version before delivery; 5-year lease worth \$91 m
	(8)	K-6	Mortar	(1994)	1995	8	No. delivered could be up to 85
Cameroon							
S: Israel	(8)	Model-839 155mm	Towed gun	(1996)	1997-98	8	Designation uncertain; possibly ex-Israeli
Chile							
S: Israel	24	K-6	Mortar	(1999)	2000	24	Designation uncertain
	(10)	LAR-160	MRL	(1993)	1994	(10)	
	14	EL/M-2032	Combat ac radar	1990	1993-97	(14)	EL/M-2032B version; for modernization of 14 Chilean F-5E/F FGA aircraft
	3	EL/M-2075 Phalcon	AEW aircraft radar	(1989)	1995	3	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-2228S	Air surv radar	(1989)	1993-96	(4)	For modernization of 4 Prat (County) Class destroyers
	(96)	Barak	SAM	1989	1993-96	(88)	For modernized Prat (County) Class destroyers
	(84)	Derby	BVRAAM	(2001)	2002	(42)	For modernized F-5E (Tigre-3) FGA aircraft
	(10)	Gabriel-2	Anti-ship missile	(1996)	1997	10	For Reshef (Casma) Class FAC
	(400)	MAPATS	Anti-tank missile	(1988)	1990-93	(400)	
	(180)	Python-3	SRAAM	(1988)	1992-97	(180)	For Pantera (modernized Mirage-50) and Tigre-3 (modernized F-5E) FGA aircraft
	(84)	Python-4	BVRAAM	(2001)	2001-2002	(84)	For Tigre-3 (modernized F-5E) FGA aircraft
	1	Reshef Class	FAC(M)	1996	1997	1	Ex-Israeli; Chilean designation Casma Class; 1 more delivered for spares only

China

S:	Israel	..	EL/M-2032	Combat ac radar	(2000)	..	For FC-1 FGA aircraft; status uncertain
L:	(3 000)	Python-3	SRAAM	1990	1990-2001	(3 000)	Chinese designation PL-8; no. delivered could be much lower or higher

Czech Republic

S:	Israel	(10)	EL/M-2140	Ground surv radar	1994	1995-97	(10)	Czech designation BR-2140E
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Ecuador

S:	Israel	4	Kfir C2	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 C2	FGA aircraft	1998	1999	2	Ex-Israeli; modernized before delivery; deal worth \$60-65 m incl modernization of 10-11 Ecuadorian Kfir C2

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	(60)	Python-3	SRAAM	(1995)	1996	(60)	For Kfir C2 FGA aircraft
	(48)	Python-4	BVRAAM	(1998)	1999-2000	(48)	For Kfir CE (modernized Kfir C2) FGA aircraft
Eritrea							
S: Israel	1	Ashdod Class	Landing craft	1997	1997	1	Second-hand
Estonia							
S: Israel	(130)	MAPATS	Anti-tank missile	1993	1994-96	(130)	
Finland							
S: Israel	(6)	Ranger	UAV	1999	2001	(6)	
	..	Spike-MR/LR	Anti-tank missile	2000		..	Deal worth \$30 m; assembled or produced in Germany; Spike-2.5 version
France							
S: Israel	3	Eagle	UAV	2001		..	'MALE UAV' programme; delivery 2003
	(6)	Hunter UAV	UAV	(1995)	1997	(6)	Deal worth \$50 m
India							
S: Israel	(7)	Astra SPX	Light transport ac	1997	1997-98	(7)	For ELINT
	(6)	Heron-2	UAV	2001	2002	(2)	
	32	Searcher UAV	UAV	(2000)	2001-2002	(32)	
	(12)	Searcher UAV	UAV	(1996)	1998	(12)	No. delivered could be up to 36
	8	Searcher UAV	UAV	2002		..	Searcher-2 version

	7	M-58/M-66	Mortar	(2000)	2000	7	
	(14)	EL/M-2022	MP aircraft radar	(2000)	2000-2002	(14)	For Do-228 MP aircraft
	10	EL/M-2032	Combat ac radar	1999	2000-2001	(10)	For modernization of 10 Jaguar-M FGA aircraft
	3	EL/M-2080	Air surv radar	(2002)		..	For modification of 3 Il-76 transport aircraft delivered from Uzbekistan via Russia to Il-76/A-50EI AEW&C aircraft; contract not yet signed
(170)		EL/M-2140	Ground surv radar	1998	2000-2001	(170)	
(7)		EL/M-2221	Fire control radar	(2001)	2001	(1)	Deal worth \$280 m; for modernization of 1 Viraat Class aircraft carrier and possibly 5 Rajput Class destroyers and other ships; for use with Barak SAM
	2	Green Pine	Air surv radar	2002		..	
	..	Barak	SAM	(2001)	2001	(24)	Deal worth \$280 m; for 1 modernized Viraat Class aircraft carrier and possibly 5 modernized Rajput Class destroyers and other ships
(40)		Harpy	Anti-radar UAV	1997	1999-2000	(40)	
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Lebanon/SLA							
S: Israel	20	M-66 SP	Self-propelled mortar	(1994)	1996	20	Ex-Israeli; aid
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Mexico							
S: Israel	3	E-2C Hawkeye	AEW&C aircraft	2002		..	Ex-Israeli; deal worth \$18 m
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NATO							
S: Israel	4	A-4N Skyhawk-2	FGA aircraft	2000	2001	(4)	Ex-Israeli; modernized and modified for target towing before delivery; leased and operated by civilian company in FRG for target towing for NATO

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Netherlands							
S: Israel	2 400	Spike-MR/LR	Anti-tank missile	2001		..	Deal worth \$150-225 m; delivery from 2003
Philippines							
S: Israel	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							
S: Israel	(180)	Spike-MR/LR	Anti-tank missile	2002		..	Deal worth \$250 m incl licensed production; Spike-MR and probably Spike-LR versions; delivery 2003
L:	(5 000)	Spike MR/LR	Anti-tank missile	2002		..	Deal worth \$250 m incl direct delivery; Spike-MR and probably Spike-LR versions; delivery from 2003/2004
Romania							
S: Israel	25	EL/M-2032	Combat ac radar	1993	1996-2002	(25)	For modernization of 25 MiG-21MF fighter aircraft to MiG-21 Lancer-A
	(960)	Spike-MR/LR	Anti-tank missile	(1998)	1999-2002	(400)	For modernized SA-330 (IAR-330) helicopters
Singapore							

S: Israel	(10)	Searcher UAV	UAV	(1997)	1998-99	(10)	For 6 Type-62-001 (Victory Class) corvettes; for use with Barak SAM For 12 Fearless Class patrol craft/FAC For 4 Endurance Class landing ships For 6 Type-62-001 (Victory Class) corvettes For F-5S and F-16 FGA aircraft Probably Spike-LR version; assembled in Singapore
	6	EL/M-2221	Fire control radar	1992	1996-97	(6)	
	12	EL/M-2228	Fire control radar	(1993)	1996-99	(12)	
	4	EL/M-2238	Air surv radar	(1996)	2000-2001	4	
	(96)	Barak	SAM	(1992)	1996-97	(96)	
	(600)	Python-4	BVRAAM	(1997)	1997-2002	(460)	
..	Spike-MR/LR	Anti-tank missile	1999	2001-2002	(350)		

Slovenia

S: Israel	(56)	K-6	Mortar	(1995)	1996	56	Designation uncertain
	18	Model-839 155mm	Towed gun	1996	1996-97	18	Incl assembly in Slovenia

South Korea

S: Israel	100	Harpy	Anti-radar UAV	1997	1998-2000	(100)	
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Sri Lanka

S: Israel	3	Kfir C2	FGA aircraft	(1995)	1996	3	Ex-Israeli; mainly for use against LTTE rebels
	(4)	Kfir C2	FGA aircraft	(1995)	1996	(4)	Ex-Israeli; incl 1 Kfir TC2 version; mainly for use against LTTE rebels
	(4)	Kfir C2	FGA aircraft	2000	2000	(4)	Ex-Israeli; mainly for use against LTTE rebels
	4	Kfir C7	FGA aircraft	2000	2000	4	Ex-Israeli; mainly for use against LTTE rebels
	(6)	Scout	UAV	(1995)	1998	(6)	Second-hand; deal worth \$4.26 m; modernized before delivery
	2	Reshef Class	FAC(M)	(1999)	2000	(2)	Ex-Israeli; deal worth \$26 m; for use against LTTE rebels

Switzerland

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
S: Israel	28	Ranger	UAV	1996	1998-2000	(28)	For 4 ADS-95 UAV reconnaissance systems
Taiwan							
S: Israel	1	Astra SPX	Light transport ac	1999	2000	1	Owned and operated by civilian company for target towing
Thailand							
S: Israel	4	Searcher UAV	UAV	(2000)	2001	(4)	Deal worth \$12 m
	1	EL/M-2032	Combat ac radar	(1997)	1998	1	For modernization of F-5E FGA aircraft
Turkey							
S: Israel	54	EL/M-2032	Combat ac radar	1997	2001	(10)	For 54 F-4E FGA aircraft modernized in deal worth \$600-700 m in Israel to F-4E-2020
	(110)	Harpy	Anti-radar UAV	1999	2000-2002	(83)	
	(46)	Popeye-1	ASM	(1998)	2000-2001	(15)	For F-4E-2020 FGA aircraft
USA							
S: Israel	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	Astra SPX	Light transport ac	1996	1997	2	Deal worth \$20.8 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 C2	FGA aircraft	(2001)	2002	2	Ex-Israeli; leased by civilian company for training of US armed forces; Kfir TC2 version
	2	Kfir C7	FGA aircraft	2002	2002	2	Ex-Israeli; modernized before delivery; delivered to civilian company for training of US armed forces
	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
	86	Popeye-1	ASM	1988	1991-93	86	US designation AGM-142A Raptor or Have Nap
	(50)	Popeye-1	ASM	(1993)	1993-95	50	For B-52H bomber aircraft; US designation AGM-142A Raptor or Have Nap
	50	Popeye-1	ASM	1996	1997-98	(50)	Deal worth \$39 m; US designation AGM-142A Raptor or Have Nap
	(42)	Popeye-1	ASM	(1999)	2000	(42)	US designation AGM-142A Raptor or Have Nap; no. delivered could be 142
L:	..	Popeye-1/AGM-142	ASM	1998	2002	(25)	US designation AGM-142A Have Nap or Raptor
Unknown							
S: Israel	(10)	Rhino	APC	(1994)	1995	(10)	
Uruguay							
S: Israel	15	T-54/55 Model-S	Main battle tank	(1997)	1997	15	Ex-Israeli
Venezuela							
S: Israel	(2)	EL/M-2238	Air surv radar	1999	2002	2	For modernization of 2 Sucre (Lupo) Class frigates
	(54)	Barak	SAM	1999	2002	(54)	Deal worth \$20 m incl 3 ADAMS launchers; option on more; ordered via Dutch company

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