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# General Accounting Office

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# U.S. Security And Military Assistance: Programs And Related Activities

This report provides information and annual statistics on security and military assistance provided to foreign countries between fiscal years 1977 and 1983. It also includes data on the financial arrangements and incentives used by the Department of Defense to facilitate foreign military sales and the major commercial firms involved in supplying military hardware to foreign countries.



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## UNITED STATES GENERAL ACCOUNTING OFFICE WASHINGTON, D.C. 20548

INTERNATIONAL DIVISION

B-207575

The Honorable William Proxmire
Vice Chairman, Subcommittee on
International Trade, Finance, and
Security Economics
Joint Economic Committee

Dear Mr. Chairman:

In your letter of March 11, 1982, and during subsequent discussions with your office, it was requested that we provide you with information on the annual costs for each of the military-and security-related aid programs including grants, loans, sales, leases, and commercial sales. This report includes information for fiscal years 1977 through 1983, including statistics by individual country. (See app. I.)

Our report contains information on the five major security assistance programs proposed by the administration and funded through congressional appropriations. (See app. II.) We have also included information on activities which can be considered security and military assistance related. Some of these related activities require congressional authorizations and appropriations while others only require congressional review and oversight. (See app. III.) The report also includes information on financial arrangements used to facilitate the sale of military equipment (see app. IV); activities which help develop foreign economies and defense industries (see app. V); and, as you requested, the top 25 companies supplying military equipment through foreign military sales and commercial channels (see app. VI). In addition, appendix VII lists our previous reports concerning foreign military sales.

As you can see, there are numerous programs and activities involved and, as previously discussed with your office, we could not complete a detailed study of all such assistance provided to other countries in a short time frame. However, the report contains information requested by your office on military assistance and activities other than that authorized and funded under the

usual foreign assistance programs. We have not attempted to combine these various programs and activities into totals for each country since it must be recognized that certain figures are not quantifiable and others may not reflect in all instances the real cost to the United States.

The data was developed from records of the Departments of Defense and State and information provided by officials of these agencies. We were not able in all cases to verify its accuracy and, as requested by your office, we did not obtain comments from the Departments of Defense and State on the contents of this report.

Unless you publicly announce its contents earlier, we plan no further distribution of this report until 30 days from the date of this letter. At that time, we will send copies to the Chairmen, House and Senate Committees on Appropriations, House Committee on Government Operations, Senate Committee on Governmental Affairs; the Director, Office of Management and Budget; the Secretaries of State and Defense; the Director, Defense Security Assistance Agency; the Administrator, Agency for International Development; and other interested parties.

Sincerely yours,

and C.Comhan

Frank C. Conahan

Director

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	ABBREVIATIONS	
AECA	Arms Export Control Act	
DOD	Department of Defense	
DSAA	Defense Security Assistance Agency	
ESF	Economic Support Fund	
FAA	Foreign Assistance Act	
FFB	Federal Financing Bank	
FMS	Foreign Military Sales	
GAO	General Accounting Office	
IMET	International Military Education and Training	
MAP	Military Assistance Program	
NATO	North Atlantic Treaty Organization	
PKO	Peacekeeping Operations	

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(CREATED PURSUANT TO SEC. 5(8) DP PUBLIC LAW 304, 78TH CONGRESS)
WASHINGTON, D.C. 20510

March 11, 1982

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The Honorable Charles A. Bowsher Comptroller General of the United States General Accounting Office 441 G Street Washington, D.C. 20548

Dear Mr. Comptroller General:

In 1971, GAO provided to the Joint Economic Committee at my request a series of tables concerning U.S. military assistance to foreign governments. This information was extremely valuable because it brought together for the first time an overview of the diverse forms of military and security related aid activities. The Committee held hearings on this subject in 1971 and partly as a result of the information made public, several policy changes were adopted including the decision to phase out military assistance grants.

I would like to develop a similar overview of the military aid program and request that you provide me with a series of tables showing annual costs for each of the military aid and security related programs including grants, if any, loans, sales, leases, commercial sales, and any other activities, governmental or private. The tables should cover each of the Fiscal Years 1977 through 1982 plus estimates for 1982. In addition to the annual totals, I would like to see breakdowns by individual country recipients. I would also like to see a breakdown of the 25 largest firms involved in supplying military equipment and services with respect to both governmental and commercial transfers.

At this time, I would like to have only the tables and other relevant factual information without any analysis or evaluation. I understand that GAO is already doing work in the area of military loan programs and related areas. This work is of great interest to me and relevant to this inquiry. I would expect that your ongoing work would be useful as a follow-up to the information I am now requesting and look forward to the results of these efforts.

The Honorable Charles A. Bowsher March 11, 1982 Page Two

I would like to have as much of the information as can be developed by June 1, 1982, as it will be useful to me in my work as Ranking Minority Member of the Senate Appropriations Committee as well as in my capacity on the Joint Economic Committee.

Your assistance would be deeply appreciated.

Sincerely,

William Proxmir

Vice Chairman

Subcommittee on International Trade, Finance, and Security Economics

#### SECURITY ASSISTANCE PROGRAMS

There are five major security assistance programs through which the United States provides defense articles, military training, and other assistance and defense-related services to eligible foreign countries. These programs include the Foreign Military Sales (FMS) Financing Program, the Economic Support Fund (ESF) Program, the Military Assistance Program (MAP), the International Military Education and Training (IMET) Program, and the Peace-keeping Operations (PKO) Program. Also, as part of the FMS Financing Program this appendix discusses "Direct Credits Forgiven" and the Guaranty Reserve Fund. The Foreign Assistance Act (FAA) of 1961, as amended, (22 U.S.C. § 2151 et. seq.) is the primary implementing legislation, except for the FMS Financing Program which is authorized under the Arms Export Control Act (AECA) (22 U.S.C. § 2751 et. seq.).

On an annual basis, the executive branch submits to the Congress a program description, along with recommended program levels for each of the major programs. Many programs require congressional authorization and appropriation and, as such, have a direct impact on the budget. FMS guaranteed loans financed through the Federal Financing Bank (FFB) do not require appropriations and are therefore off-budget. Within each program, we identify the specific authorizing legislation, and the purpose, scope, and operations which apply to its conduct and administration. Following is a description of each program and, where applicable, the funds appropriated by country, on an annual basis since 1977.

#### FMS FINANCING PROGRAM

Sections 23 and 24 of the AECA authorize the President to help finance the purchase of defense articles and services by friendly foreign governments and international organizations. The FMS Financing Program consists of direct credit and guaranteed loans.

Funds for the Department of Defense (DOD) direct credit and guaranteed loans are authorized and appropriated annually by the Congress and, when repaid, are done so with interest and returned to the general account of the Treasury. Interest for credit sales is set by section 23 of the AECA at,

" \* \* \* a rate equivalent to the current average interest rate, as of the last day of the month preceding the financing of such procurement, that the United States Government pays on outstanding marketable obligations of comparable maturity, unless the President certifies to Congress that the national interest requires a lesser rate of interest \* \* \* ."

#### Direct credit and guaranteed loans

Under direct credit, DOD finances procurement of defense articles out of funds specifically appropriated for AECA financing programs. In fiscal year 1982 only Israel and Egypt participated in the direct credit program. Special authority contained in section 31 of the AECA relating to debt forgiveness (see p. 15) releases Israel from repayment of \$550 million and Egypt from repayment of \$200 million authorized as part of their respective credit programs. The administration proposed that an additional 19 countries participate in the direct credit program for fiscal year 1983.

Under DOD's guaranteed loan program, loans are made by the FFB to the foreign government. The outstanding balance of the loan is "guaranteed" repayment by a special guaranty reserve established for that purpose. Some 32 countries are projected to participate in the fiscal year 1983 guaranteed loan program.

Usually, countries must repay loans within 12 years. However the AECA also authorizes special repayment terms for the Governments of Israel, Egypt, Sudan, Greece, Turkey, and Somalia. These countries generally are given a 30-year term—a 10-year grace period on repayment of principal, followed by 20 years repayment.

### FOREIGN MILITARY SALES FINANCING PROCRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY <b>19</b> 77	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Worldwide:  Payment Waived  DOD Direct	10,169,577 2,450,000 3,436,919	500,000 28,000	500,000 17,500	500,000 8,000	· –	500,000	24,850,790 4,950,000 3,490,419	3,833,500 750,000 -	5,667,800 950,000 789,000
DCD Guaranty	4,282,659				1,450,000		16,410,371	3,083,500	3,928,800
East Asia and Facific: DOD Direct DOD Guaranty	1,282,164 451,588 830,576	296,525 296,525	403,000	310,100	252,000 - 252,000	304,900 - 304,900	2,848,688 451,588 2,397,100	328,500 328,500	413,500 50,000 363,500
Australia DOE Direct	115,586 115,586	- -	<u>-</u>	-	-	=	115,586 115,586	-	- -
Indonesia	31,600	23,100	40,000	32,000			186,700	40,000	50,000
DOD Direct DOD Guaranty	3,500 28,100	23,100	40,000	32,000	30,000	30,000	3,500 183,200	40,000	50,000
Japan DOD Direct	34,772 34,772	<del>-</del> -	<del>-</del> -	- -	<u>-</u>	<u>-</u>	34,772 34,772	_ _	-
Korea	431,958	152,425	275,000	225,000	129,000	161,500	1,374,883	166,000	210,000
DOD Direct DOD Guaranty	61,700 370,258	152,425	275,000	225,000	129,000	161,500	61,700 1,313,183	166,000	210,000
Malaysia	75,910	36,000	16,500	7,500	7,000	10,000	152,910	10,000	12,500
DOD Direct DOD Guaranty	38,071 37,838	36,000	16,500	7,500	7,000	10,000	38,071 114,838	10,000	12,500
New Zealand DOD Direct	1,492 1,492	- -	<del>-</del>	-	<u>-</u>	- -	1,492 1,492	- -	- -
Philippines	40,000	20,000	18,500	15,600	50,000	50,000	194,100	50,000	50,000
DOD Direct DOD Guaranty	8,600 31,400	20,000	- 18,500	- 15,600	50,000	50,000	8,600 185,500	50,000	50,000

5

### FOREIGN MILITARY SALES FINANCING PROGRAM (Collars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	<u>FY 1980</u>	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Singapore DOD Guaranty	17,221 17,221	- -	-	- -	-		17,221 17,221	_	<del>-</del> -
Taiwan DOD Direct DOD Guaranty	489,226 187,866 301,360	35,000 - 35,000	23,500 - 23,500	- - -	- - -	- - -	547,726 187,866 359,860	- - -	- - -
Thailand DOD Direct DOD Guaranty	44,399 - 44,399	30,000 - 30,000	29,500 - 29,500	30,000	36,000 - 36,000	53,400 - 53,400	223,299 - 223,299	62,500 - 62,500	91,000 50,000 41,000
Near East and South Asia: Payment Waived DOD Direct DOD Guaranty	7,033,021 2,450,000 2,082,649 2,500,372	1,155,000 500,000 655,000	1,139,000 500,000 - 639,000	4,874,500 500,000 - 4,374,500	1,137,000 500,000 - 637,000	2,085,500 500,000 - 1,585,500	17,424,021 4,950,000 2,082,649 10,391,372	2,517,000 750,000 - 1,767,000	3,660,000 950,000 130,000 2,630,000
Egypt Payment Waived DOD Direct DOD Guaranty	- - - -	- - - -	- - -	1,500,000 - - 1,500,000	<u>b</u> /	550,000 - - 550,000	2,050,000 - 550,000 2,050,000	900,000 200,000 700,000	1,300,000 400,000 - 900,000
India DOD Direct	27,310 27,310	- -		-	~	-	27,310 27,310	<u>-</u>	- -
Iran DOD Direct DOD Guaranty	496,407 175,705 320,701	- - -	- - -	- - -	-	- - -	496,407 175,705 320,701	- - -	- - -
Israel Payment Waived DOD Direct DOD Guaranty	5,904,244 <u>a/</u> 2,450,000 1,667,103 1,787,142	1,000,000 500,000 500,000	1,000,000 500,000 - 500,000	3,200,000 500,000 - 2,700,000	b/ 1,000,000 500,000 - 500,000	1,400,000 500,000 - 900,000	13,504,244 4,950,000 1,667,103 6,887,142	1,400,000 550,000 - 850,000	1,700,000 500,000 - 1,200,000

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### FOREIGN MILITARY SALES FINANCING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Jordan DOD Direct	179,840 55,703	75,000	71,000	67,000	50,000	42,100	484,940 55,703	50,000	75,000
DOD Guaranty	124,137	75,000	71,000	67,000	50,000	42,100	429,237	50,000	75,000
Lebanon DOD Direct	9,168	25,000	-	42,500	22,000	20,000	118,668 9,168	10,000	15,000
DOD Guaranty	9,168 -	25,000	-	42,500	22,000	20,000	109,500	10,000	15,000
Morocco	116,430	30,000	43,000	45,000	25,000	33,400	292,830 68,830	30,000	100,000 50,000
DOD Direct DOD Guaranty	68,830 47,600	30,000	43,000	45,000	25,000	33,400	224,000	30,000	50,000
Oman	-	-	-	-	25,000	25,000	50,000	30,000	40,000
DOD Direct DOD Guaranty	-	-	-	-	25,000	25,000	50,000	30,000	40,000
Pakistan	7,633	-	_	-	-	-	7,633	-	275,000
DOD Direct DOD Guaranty	5,786 1,847	-	_	-	-	- -	5,786 1,847	-	275,000
Saudi Arabia	254,167	-	_	-	-	-	254,167	-	-
DOD Direct DOD Guaranty	65,222 188,945	- -	<u>-</u>	_	-	-	65,222 188,945	-	_
Sri Lanka	308	-	-	-	-	-	308	2,000	-
DOD Direct DOD Guaranty	308 -	_	_	-	<del>-</del>	_	308 -	2,000	_
Tunisia DOD Direct	37,514 7,514	25,000	25,000	20,000	15,000	15,000	137,514 7,514	85,000	140,000 70,000
DOD Guaranty	30,000	25,000	25,000	20,000	15,000	15,000	130,000	85,000	70,000
Yemen	-	-	-	_	-	-	_	10,000	15,000
DOD Direct DOD Guaranty	-	- -	-	-	-	<del>-</del>	-	10,000	10,000 5,000

### FOREIGN MILITARY SALES FINANCING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Europe and Canada: DOD Direct DOD Guaranty	870,550 388,550 482,000	367,000 367,000	435,000	435,000 - 435,000	468,000 468,000	546,500 546,500	3,122,049 388,550 2,733,500	793,000	1,235,000 375,000 860,000
Austria DOD Direct	15,713 15,713	- -	~	- -	-	<del>-</del>	15,713 15,713	-	-
Belgium DOD Direct	7,793 7,793	<del>-</del>	-	-	-	- -	7,793 7,793	-	-
France DOD Direct	80,392 80,392	<del>-</del>	-	<u>-</u> -	-	<del>-</del>	80,392 80,392	-	-
Greece DOD Direct	450,500 158,500	122,000	140,000	140,000	145,100	176,500	1,174,100 158,500	280,000	280,000
DOD Guaranty	292,000	122,000	140,000	140,000	145,100	176,500	1,015,600	280,000	280,000
Italy	292	~	-	_	_	-	292	-	-
DOD Direct	292	-	-	-	-	-	292	-	-
Netherlands	2,200	_	_	_	_		2,200	_	_
DOD Direct	2,200	~	-	-	-	-	2,200	-	-
Portugal	_	-	-	_	-	~	-	45,000	90,000
DOD Direct	-	-	-	-	-	-	-	`45 000 -	75,000 15,000
DOD Guaranty	-	_	-	-	-	~	~	45,000	15,000
Spain	2,300	120,000	120,000	120,000	120,000	120,000	602,300	125,000	400,000
DOD Direct DOD Guaranty	2,300	120,000	120,000	120,000	120,000	120,000	2,300 600,000	125,000	400,000
Turkey	309,971	125,000	175,000	175,000	202,900	250,000	1,237,871	343,000	465,000
DOD Direct	119,971	_	-		-	_	119,971		300,000
DOD Guaranty	190,000	125,000	175,000	175,000	202,900	250,000	1,117,900	343,000	165,000
Yugoslavia	1,388	_	-	-	_	-	1,388	-	_
DOD Direct	1,388	-	-	-	_	_	1,388	-	<del>-</del>

## FOREIGN MILITARY SALES FINANCING PROGRAM (Collars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Africa:	138,720	53,500	52,000	26,200	74,570	78,000	422,990	132,600	234,000 50,000
Payment Waived DOD Direct DOD Guaranty	81,234 57,486	28,000 25,500	17,500 34,500	8,000 18,200	74,570	- 78,000	134,734 288,256	132,600	160,000 24,000
Botswana	_	_	_	-	_	500	500	500	5,000
DOD Direct DOD Guaranty	<del>-</del> -	- -	-	- -	- -	500	500	500	5,000
Cameroon		_	5,000	2,000	1,000	4,400	12,400	1,500	10,000
DOD Direct DOD Guaranty	-	<del>-</del> -	5, <b>00</b> 0	2,000	1,000	4,000	12,400	1,500	10,000
Ejibouti DOD Guaranty	- -	-	<u>-</u>	- -	- -	<u>-</u>	<u>-</u>	1,000 1,000	1,500 1,500
Ethiopia DOD Direct	36,000 36,000	-	-	-	***	<del>-</del> -	36,000 36,000		<del>-</del>
Cabon	2,000	2,000	2,000	_	-	2,600	8,600	2,600	3,000
DOD Direct DOD Guaranty	2,000	2,000	2,000	-	**	2,600	2,000 6,600	2,600	3,000
Kenya DCD Direct	35,000	15,000	27,000	10,000	20,000	6,000	113,000	22,000	35,000 35,000
DOD Guaranty	35,000	15,000	27,000	10,000	20,000	6,000	113,000	22,000	-
Liberia DOD Direct	6,551 4,851	500 —	500	1,200	2,470	4,700	15,921 4,851	7,000	15,000 15,000
DOD Guaranty	1,700	500	500	1,200	2,470	4,700	11,070	7,000	
Mali DOD Direct	48 48	-	<u>-</u>	<del>-</del>	-	<del>-</del> -	48 48	<u>-</u> -	- -

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# FOFEIGN MILITARY SALES FINANCING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
	<u>F1 1970</u>				_	2,300	2,300	2,000	5,000 5,000
Niger DCD Direct	-	<del>-</del>	-	- -	-	2,300	2,300	2,000	
DOD Guaranty	<b>-</b>				_	_	335	_	-
Nigeria	335 335	-	-		-	_	335	-	_
DOD Direct	335			_	<del>-</del>	1,500	1,500	1,500	1,500
Rwanda DOD Direct	_	- -	- -	- -	- -	1,500	1,500	1,500	1,500
DOD Guaranty	_	8,000	_	_	_	_	8,000	2,000	5,000 5,000
Senegal DOD Direct	<del>-</del> -	_	-	- -	-	-	8,000	2,000	_
DOD Guaranty	-	8,000	_	_	20,000	20,000	40,000	10,000	30,000 30,000
Somalia DOD Direct	- -	-		-	20,000	· <del>.</del>	40,000	10,000	-
DOD Guaranty	-		_	5,000	25,000		61,327	75,000	100,000 50,000
Sudan	1,327	-	-	-	-	. <del>-</del>		- -	50,000
Payment Waived DOD Direct	1,327			5,000	25,000	30,000	61,32	75,000	_
DOD Guaranty	57,459	28,000	17,500	8,000	6,100	6,000	123,05° 91,50°	9 7 <b>,</b> 500	20,000 20,000
Zaire DOD Direct	38,000 19,459	28,000		8,000	6,10	6,000	31,55		_
DOD Guaranty	19,409			_					3,000
Zimbabwe DOD Guaranty	- -	-	- -	- -					3,000

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### FOREIGN MILITARY SALES FINANCING PROGRAM (Collars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
American Republics:	822,014	39,000	72,000	27,200	18,430	31,287	1,009,931	62,400	125,300
DOD Direct	409,788						409,788	~	74,000
DOD Guaranty	412,226	39,000	72,000	27,200	18,430	31,287	600,143	62,400	51,300
Argentina	175,879	_	-	_	-	-	175,879	_	-
DOD Direct	63,240	_	~	_	_	-	63,240	-	_
DOD Guaranty	112,639	-	~	-	-	-	112,039	-	-
Pahamas	_	_	-	-	_	-	-	1,000	~
DCD Guaranty	-	-	-	_	-	-	-	1,000	~
Earbados	_	_	•	_	_	-	_	2,000	~
DOD Guaranty	-		-	-	-	-	-	2,000	-
Polivia	17,000		_	6,000	-	_	23,000	-	~
DOD Direct	8,000	-	-	_	_	-	8,000	-	-
DOD Guaranty	9,000	-	-	6,000	_	-	15,000	-	-
Brazil	264,618	-	_	-	-	-	264,618	-	-
DOD Direct	111,303	_	_	-	-	-	111,303	_	_
DOD Guaranty	153,315	-	-	-	-	-	153,315	-	-
Chile	62,524	_	-	_	-	-	62,524	-	_
DOD Direct	58 <b>,49</b> 0	-	_	-	-	-	58 <b>,49</b> 0	-	_
DOD Guaranty	4,034	-	-	_	-	-	4,034	_	-
Colombia	41,823	~	51,000	12,500	~	_	105,323	12,000	12,000
DOD Direct	22,223	~	-	_	-	-	22,223	<del>-</del>	
DOD Guaranty	19,600	-	51,000	12,500	-	-	83,100	12,000	12,000
Costa Rica	-	5,000	_	_	-	-	5,000	_	-
DOD Guaranty	~	5,000	-	-	-	_	5,000	-	-
Dominican Republic	1,498	1,000	-	500	3,200	3,000	9,198	4,000	9,500
DOD Direct	500	-	-	-	-	<b>-</b>	500		3,700
DOD Guaranty	998	1,000	-	500	3,200	3,000	8,698	4,000	5,800

# APPENDIX II

### FORFIGN MILITARY SALES FINANCING PROGRAM (Collars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY_1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Eastern Caribbean <u>c</u> / DOD Direct	<u>-</u>	<u>-</u> -	<u></u>	- -	<u>-</u>	<u>-</u> -	- - -	2,600 - 2,600	5,500 4,500 1,000
DOD Guaranty	-	_	-	-	_	_		2,000	2,000
Ecuador	10,636	15,000	10,000	_	3,000	4,000	42,636	4,500	6,000
DOD Direct	638	_	_	_	-	_	638		-
DOD Cuaranty	9,998	15,000	10,000	-	3,000	4,000	41,998	4,500	6,000
El Salvador	3,373	_	_	_	5,700	10,000	19,073	16,500	60,000
DOD Direct	3,373	_	_	_	_	· -	3,373	-	50,000
DOD Guaranty	5,575	_	-	-	5,700	10,000	15,700	16,500	10,000
0 1	10,718	_	_	_	_	-	10,718	_	_
Guatemala DOD Direct	9,327	_	_	_	_	-	9,327	-	-
DOD Guaranty	1,391	_	_	_	-	-	1,391	-	_
DOD GGGPGATO	_,						1 500	200	300
Haiti	_	500	500	200	~	300	1,500	300	300
DOD Direct	-	_	-	_	-	~	-	200	300
DOD Guaranty	-	500	500	200	-	300	1,500	300	_
Honduras	5,500	2,500	2,500	2,000	3,530	8,400	24,430	9,000	14,500
DOE Direct	3,000	_		· -	-	~	3,000	<del>-</del>	9,000
DOD Guaranty	2,500	2,500	2,500	2,000	3,530	8,400	21,430	9,000	5,500
Jamaica	_	_	_		_	1,587	1,587	1,000	6,500
DOD Direct	_	_	_	-		· -	-	-	6,500
DOD Guaranty	_	-	-	-	-	1,587	1,587	1,000	-
Mexico	4,298	_	_	_	_	_	4,298	-	-
DOD Direct	4,298	_	-	_	_	-	4,298	-	-
MD DITECT	4,230								
Nicaraqua	5,500	2,500	-	~	-	-	8,000	_	_
DOD Guaranty	5,500	2,500	-	-	-	-	8,000	_	_

### FOREIGN MILITARY SALES FINANCING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Panama	_	2,500	_	1,000	_	-	3,500	5,000	5,000
DOD Guaranty	-	2,500	-	1,000	_	-	3,500	5,000	5,000
Paraguay	707	_	_	_	_	-	707	_	_
DOD Direct	318	_	_	_	_	_	318	_	_
DOD Guaranty	389	-	-	-	_	-	389	-	-
Peru	75,040	10,000	8,000	5,000	3,000	4,000	105,040	4,500	6,000
DOD Direct	20,978	10,000	-	-	-	-,	20,978		_
DOD Guaranty	54,062	10,000	8,000	5,000	3,000	4,000	84,062	4,500	6,000
Uruquay	18,349	_	_	_	_	-	18,349	_	_
DOD Direct	8,349	_	_	_	_	_	8,349	_	-
DOD Guaranty	10,000	-	-	-	_	-	10,000	-	-
Venezuela	124,551	_	_	_	_	_	124,551	_	
DOD Direct	95,751	_	_	_	_	-	95,751	_	_
DOD Guaranty	28,800	-	_	-	-	-	28,800	-	-
International Organi-									
zations	23,110		_	_	_	_	23,110	-	_
DOD Direct	$\overline{23,110}$	-	_	_	-	_	<del>23,110</del>	-	<del></del>

<sup>\*</sup>Less than \$500.

Note: As of September 30, 1981.

Totals may not add due to rounding.

The data and footnotes on this chart were obtained from DOD records.

a/Includes \$500 million for Israel authorized by P.L. 91-441 and appropriated by P.L. 91-665 (Supplemental Appropriations Act, January 8, 1971) and \$2,182,664 pursuant to P.L. 93-199 (Emergency Security Assistance Act, December 26, 1973).

b/Includes \$1,500,000 for Egypt and \$2,200,000 for Israel authorized by P.L. 96-35 (Special International Security Assistance Act of 1979) and appropriated by P.L. 96-38 (Supplemental Appropriations Act, July 25, 1979).

c/Eligible countries included in Eastern Caribbean are: Antigua, Barbados, Barbuda, Dominica, Montserrat, St. Kitts-Nevis, St. Lucia and St. Vincent, and the Grenadines.

#### DIRECT CREDITS FORGIVEN

The FMS Financing Program is authorized under sections 23 and 24 of the AECA. Under the Act, the President can authorize direct credit or guaranteed loans to help foreign governments and international organizations purchase U.S. defense articles and services. The Act also allows the United States to forgive repayment of credit sales and guaranteed loans to certain countries.

Over the years, the bulk of direct credits have been provided to Israel, and more recently Egypt. Since 1977, Israel has received at least \$500 million a year in FMS direct credits. More significant though, as the following table shows, Israel has been relieved from repayment of this debt to the United States. 1/Recently, repayment of Egypt's direct credits were forgiven; and Egypt and Sudan are also seeking debt forgiveness for fiscal year 1983.

<sup>1/</sup>Direct credits were first forgiven for Israel in FY 1974; from FY 1974 through FY 1976 \$2.4 billion in direct credits were forgiven.

APPENDIX II

#### DIRECT CREDITS FORGIVEN

	FY1977	FY1978	FY1979 (Do:	FY1980 Llars in	FY1981		Proposed FY1983	Direct Credits Forgiven FY1977 FY1983
Israel								
Total	1,000	1,000	3,200	1,000	1,400	1,400	1,700	_
DOD Guaranty Direct credits	500	500	2,700	500	900	850	1,200	-
forgiven	500	500	500	500	500	550	500	3,550
Egypt								
Total		_	1,500		500	900	1,300	_
DOD Guaranty Direct credits	-	-	1,500		500	<b>7</b> 00	900	-
forgiven	_	-	-	_	-	200	400	600
Sudan								
Total	_	_	5	25	30	75	100 1/	_
DOD Guaranty Direct credits	-	-	5	25	30	75		-
forgiven	-	-	-	_	-	-	50	<u>50</u>

 $<sup>\</sup>underline{1}/\mathrm{This}$  figure includes all direct credits, of which only \$50 million will be forgiven.

#### GUARANTY RESERVE FUND

The Guaranty Reserve Fund, a revolving fund administered by DOD, is used to guaranty FMS loans extended by the FFB and commercial lending institutions. Missed payments from FMS customers with guaranteed loans are withdrawn from the Guaranty Reserve Fund when the lender demands payment for defaults that are 10 days overdue. The amounts withdrawn from the fund are converted to new DOD loans with a separate repayment schedule, the proceeds of which are repaid directly to the Guaranty Reserve Fund. The remaining payments for the original loans guaranteed by DOD are continued with the FFB or lending institution in accordance with the original repayment schedule or the schedule pursuant to international debt rescheduling agreements.

Until December 16, 1980, the Congress appropriated 10 percent (25 percent prior to fiscal year 1975) of the annual FMS guaranteed loan program for defaults on loans made by the FFB. The International Security and Development Cooperation Act of 1980 (P.L. 96-533) amended the provision of the AECA regarding the reserve fund by eliminating the requirement for an appropriation of FMS financing in the amount of 10 percent of the face value of guaranteed loans; authorizing use of the balance of funds existing in the Guaranty Reserve Fund as of December 16, 1980, for future payment of claims; providing for a Presidential report to the Congress when the payment of claims reduces the Guaranty Reserve Fund to less than \$750 million; allowing for replenishment of the reserve fund, and requiring an annual report on the amount and adequacy of the Guaranty Reserve Fund.

#### GUARANTY RESERVE FUND

Fiscal year	Cash balance of fund(Dollars in '	Cumulative contingent liability Thousands)	Percent
1977	\$ 389,430	\$ 3,894,300	10.0
1978	547,780	5,477,800	10.0
1979	1,064,800	10,642,800	10.0
1980	1,170,403 <u>a</u> /	12,092,800	9.6
1981	1,060,445 <u>b</u> /	13,233,000	8.0
1982	960,445 <u>c</u> /	15,666,000 <u>c</u> /	6.1
1983	860,445 <u>c</u> /	18,910,000 <u>c</u> /	4.6

<sup>&</sup>lt;u>a</u>/The balance of the fund after all outlays as of December 16, 1980. This total represented 25 percent of the outstanding loans issued in FY 1974 and prior and 10 percent of outstanding loans issued subsequent to 1974. After December 16, 1980, Public Law 96-533 was passed and no new appropriations were authorized.

<sup>&</sup>lt;u>b</u>/Declines are the result of agreed to debt reschedulings for Turkey and Liberia.

c/Estimated.

#### ECONOMIC SUPPORT FUND PROGRAM

The ESF is authorized by Chapter 4, Part II of the FAA of 1961, as amended. The program, administered by the Agency for International Development, is designed to promote economic or political stability in areas where the United States has special security interests and it is determined that economic assistance can be useful in helping to secure peace or to avert major economic or political crises.

Funds are made available on a loan or grant basis and can be used for a variety of purposes, including balance of payments support, financing infrastructure and other capital projects, and support for development projects which benefit the poor. Although a substantial amount of the ESF goes for balance of payments type aid, it also provides for programs aimed at primary needs in health, education, agriculture, and family planning. While the ESF is earmarked for specific countries, over one-half of the ESF total proposed for 1983 is designated for the Middle East in support of continuing efforts to achieve peace in the region. Also, a Special Requirements Fund has been requested to permit quick U.S. response to unforeseen needs for economic assistance.

### ECONOMIC SUPPORT FUND PROGRAM (Dollars in Thousands)

	FY 1977a/	<u>FY 1978a</u> /	FY 1979	FY 1980	FY 1981	Estimated FY 1982	Proposed FY 1983
Worldwide Total	1,766,400	2,224,437	1,954,146	2,158,141	2,199,295	2,564,000	2,886,000
East Asia and Pacific:							
Philippines	_	-	_	20,000	30,000	50,000	50,000
Thailand	_	-	-	2,000	2,000	5,000	10,000
South Pacific Region						500	
Regional Total				22,000	32,000	55,500	60,000
Near East and South Asi	a:						
Eahrain	400	_	-	-	_	_	
Egypt	699,300	750,750	835,000	865,000	829,000	771,000	750,000
Israel	735,000	785,000	785,000	785,000	764,000	806,000	785,000
Jordan	70,000	93,000	93,000	69,000	10,000	15,000	20,000
Lebanon	· <del>-</del>	20,000	_	500	5,000	6,000	8,000
Oman	-	-	_	5,000	_	15,000	15,000
Pakistan	_	-	-	-	-	100,000	175,000
Syria	80,000	90,000	90,000	_	-	-	-
Tunisia	-	~	-	-	-	5,000	_
Middle East Regional							
Cooperation	_	-	50	_	6,950	11,000	15,000
Program Support and							
Private Voluntary							
Organizations	_	28	3,207	3,716	_	_	-
Middle East Special							
Requirements Fund	16,100	11,451	11,599	_	_	-	-
Sinai Support Mission		11,686					
Regional Total	1,600,800	1,761,915	1,817,856	1,728,216	1,614,950	1,729,000	1,768,000
Europe:							
Cyprus	17,500	15,000	15,000	15,000	14,000	15,000	-
Malta	9,500	9,500	-	_	_	-	
Poland	<del>-</del>	-	-	_		5,000	<del>-</del>
Portugal	65,000	300,000	-	40,000	25,000	20,000	20,000
Spain	10,000	7,000	- <u>t</u>	7,000	7,000	17,000	12,000
Turkey	· -	· _	50,000	198,000	200,000	300,000	350,000
Yugoslavia			10,000		=		
Regional Total	102,000	331,500	75,000	260,000	246,000	357,000	382,000

### ECONOMIC SUPPORT FUND PROGRAM (Dollars in Thousands)

) Series :	<u>FY_1977a</u> /	FY 1978a/	FY 1979	FY 1980	FY 1981	Estimated FY 1982	Proposed FY 1983
Africa: Botswana	10,000	15,070	11,100	13,000	10,860	10,000	10,000
	10,000	15,070	11,100	13,000	2,000	2,000	2,000
Djibouti	-	-	_	14,500	5,500	10,000	30,000
Kenya Lesotho	-	5,345	_	14,500	2,300	10,000	30,000
Liberia	-	5,345	5,000	5,200	32,000	16,000	32,000
Mauritius	-	_	5,000	5,200	32,000	2,000	2,000
	_	_	_	_	_	2,000	5,000
Niger	_	_	_	<del>-</del>	_	_	10,000
Senegal	_	_	_	_		2,000	2,000
Seychelles Somalia	_	_	<u>-</u>	5,000	_	20,000	25,000
Sudan	-	_	_	40,000	50,000	100,000	70,000
Swaziland		12,666	_	40,000	50,000	100,000	70,000
Uganda	_	12,000	3,000	_	_	_	_
Zaire	20,000	9,999	3,000	_	_	_	15,000
Zambia	20,000	30,000	20,000	24,000	20,576	20,000	20,000
Zimbabwe	20,000	30,000	20,000	22,900	24,996	75,000	75,000
Southern African	_			22,500	24/330	157000	,5,000
Regional Require-							
ments Fund	4,000	37,597	13,900	8,099	17,039	19,750	27 <u>,</u> 000
menes raid	4,000	31,331	137500	_07055	177033	237130	2.7555
Regional Total	54,000	110,677	53,000	132,699	162,971	276,750	325,000
American Republics:							
Costa Rica	_	_	_	_	_	20,000	60,000
Eastern Caribbean c/	_	_	_	4,000	_	20,000	30,000
El Salvador	_	_	_	9,100	44,900	40,000	105,000
Haiti	_	-	_	1,000	· <b>-</b>	-	_
Honduras	_	_	_	· <u>-</u>	-	_	25,000
Jamaica	_	11,013	_	_	41,000	40,000	55,000
Nicaragua	_	· ~	8,000	1,125	56,574	20,000	_
Surinam	_		-	-	-	-	1,000
Central American							
Regional Program (ROCAP)					900		=
Regional Total		11,013	8,000	15,225	143,374	140,000	276,000

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### ECONOMIC SUPPORT FUNE PROGRAM (Dollars in Thousands)

	FY 1977a/	FY 1978a/	FY 1979	FY 1980	FY 1981	Estimated FY 1982	Proposed FY 1983
Other:							
Inter-Regional Program							
Support	_	231	2 <b>9</b> 0	-	-	-	-
UN Forces in Cyprus	9,600	9,100	_	-	_	-	~
Special Requirements							
Fund	_	~	,	_	-	5,750 d/	75,000 e/
Non-Regional Total	9,600	9,331	<u> 290</u>	三	==	5,750	75,000

<sup>\*</sup>Less than \$500.

Note: As of September 30, 1981. Totals may not add due to rounding.

a/Originally funded under Security Supporting Assistance. The International Security
Assistance Act of 1978 repealed the legislative authorities for Security Supporting
Assistance and provided authority for the ESF and PKO. See appendix II, Footnote 1, page 33.
b/Funded under PKC. See page 35.

#### MILITARY ASSISTANCE PROGRAM

MAP is carried out under authority of Chapter 2 of Part II of the FAA of 1961, as amended, and has been used to loan or give military equipment, facilities, and technical assistance to friendly countries. Initially, the program's purpose was to strengthen the mutual defense and collective security of the non-communist world. However, as time progressed, MAP was justified on several new grounds including retaining U.S. military base rights; maintaining regional arms balances; encouraging greater military self-reliance on the part of certain nations; and promoting tangible evidence of U.S. support.

Congressional interest in this program is reflected in the long list of restrictions on the use of grant military assistance. The Congress has indicated that this program should be phased out and replaced by credit and cash sales to the extent possible. Originally, MAP was scheduled to terminate at the end of fiscal year 1981 although the legislative authority for the program remained intact. The program is authorized annually for administrative costs associated with prior years' programs and for unforeseen circumstances where U.S. national security interests and the recipient's economic conditions require grant aid.

II

### MILITARY ASSISTANCE PROGRAM (Dollars in Thousands)

WORLDWIDE	FY 1950 to FY 1976 53,009,563	FY 1977 235,221	FY 1978 217,073	FY 1979 227,975	FY 1980 279,473	FY 1981 268,128	FY 1950 to FY 1981 54,237,432	Estimated FY 1982 269,212	Proposed FY 1983 92,909
									050
East Asia and Pacific:		47,034	40,589	30,179	161,088	125,491	28,874,975	5,185	<u>950</u>
Purma	72,134	-	-	-	_	_	72,134	_	
Indochina	708,977	<del>-</del>	<b>-</b> -	_	_	-	708,977	100 5	/ 100
Indonesia	162,681	14,121	14,128	1,997	1,840	417	195,184	123 <u>b</u> /	100
Japan	810,276	_	-	_	-	-	810,276	_	_
Kampuchea	1,177,370	<u>-</u>	<del>-</del>	<del>-</del>	_		1,177,370	- -	_ 
Korea <u>a</u> /	5,109,659	1,047	511	11,040	122,037	99,705	5,343,998	60 <u>b</u> /	′ 50
Laos <u>a</u> /	1,460,076	-	_	~	<del>-</del>	-	1,460,076	456 %	/ 7F0
Philippines a/	508 <b>,4</b> 77	16,240	18,325	15,647	25,332	25,000	609,023	456 <u>b</u> /	
Taiwan	2,554,446	28	83	8	45	10	2,554,621	10 c/	
Thailand	1,132,646	15,599	7,541	1,488	11,835	359	1,169,467	4,536	50
Vietnam <u>a</u> /	14,773,851	-	_	-	-	-	14,773,851		-
Near East and South									
Asia:	1,992,511	52,091	54,885	41,804	28,311	1,428	2,171,029	<u>1,965</u>	<u>903</u>
Afghanistan	2	_						_	-
India	90,199	35	9	10	-	_	90,254	_	-
Iran	766,733	_	_	_	~	_	766,733	-	-
Iraq	45,208	_	_	_	-	_	45,208	-	
Jordan	315,311	52,025	54,867	41,790	28,301	1,425	493,717	964 b/	900
Lebanon	13,585	_	_	· -	-	-	13,585		_
Libya	12,624	_	_	_		-	12,624	-	-
Morocco	29,600	-	_	_	-	-	29,600	_	-
Nepal	1,678	_	_	_	-	~	1,678	-	-
Pakistan	650,280	_	_	_	-		650,280	-	~
Saudi Arabia	23,868	_	_	_	~	~	23,868	_	~
Sri Lanka	3,167	_	_	_	_	~	3,167	-	~
Tunisia	40,257	31	9	3	10	3	40,313	1 b <sub>/</sub>	/ 3
Yemen	_	_	-	-	-		-	1,000	~

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### MILITARY ASSISTANCE PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
Europe and Canada:	18,451,648	73,355	73,445	107,987	38,188	56,118	18,800,740	70,217	2,968
Austria	96,310	-	-	_	~	_	96,310	-	_
Eelgium	1,203,784	-	_	_	-	-	1,203,784	_	_
Denmark	587,274		-	-	_	-	587,274	_	-
France	4,045,066	-	-	_	-	-	4,045,066	-	-
Germany	884,774	_	_			-	884,774	- 005 b	/ 969
Greece	1,583,026	28,585	34,056	31,754	612	399	1,678,431	885 <u>b</u>	<sub>2</sub> / 868
Italy	2,243,742	_	_	-	-	-	2,243,742	_	_
Luxembourg	7,753	_	-	<del>-</del>	•	_	7,753	_	-
Netherlands	1,178,056	-	-	-	-	_	1,178,056	-	-
Norway	862,177	_	-	_	<del>-</del>	<del>-</del>	862,177	-	-
Portugal	313,470	31,243	24,787	26,926	29,862	51,000	477,288	11,385	1,000
Spain	615,054	13,527	14,497	43,063	3,939	3,600	693,682	228 <u>b</u>	
Turkey	3,128,736	-	104	6,243	3,776	1,119	3,139,979	57 <b>,719</b>	600
United Kingdom	1,012,855	-	-	-	_	-	1,012,855	-	_
Yugoslavia	689,570	-	-	-		-	689,570	_	_
Africa:	217,006	572	<u>-</u>			2,691	220,270	53,026	175
Benín	55			_	_	_	55	-	-
Cameroon	239	_		-	-	-	239	-	-
Ethiopia	182,638	569	-	-	_	-	183,207	-	_
Guinea	810	-	-	-	_	-	810	~	-
Ivory Coast	54	_	-	-	-	-	54	~	-
Kenya	-	-	~	-	-	_		10,000	-
Liberia	5,289	3	-	-	-	991		5,000	~
Mali	1,865	_	-	-	_	-	1,865	~	-
Niger	52	-	-	_	-	_	52	-	-
Senegal	2,646	-	_	-	_	_	2,646		_
Somalia	-	-	_	_	-	-	-	10,000	
Sudan	-	_	*	-	_	1,70		25,026	175
Upper Volta	57	-	_	-	-	-	57	<del>-</del>	••
Zaire	23,302		-	-	-	-	23,302	3,000	_

# MILITARY ASSISTANCE PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
		2,830	207	75	<u>75</u>	23 <u>,179</u>	691,089	67,519	_4_
American Republics:	664,722	2,630	207	<u>75</u>			34,020	-	-
Argentina	34,020	2,229	135	41	63	-	32,572	_	-
Polivia	30,103	2,223	-	_	-	_	207,163	-	-
Brazil	207,163		_	_	_	-	80,468	_	-
Chile	80,468	_	_	_	_	_	83,161	_	-
Colombia	83,161	_	_	_	-		930	-	_
Costa Rica	930	_	_	_	_	-	8,552	_	-
Cuba	8,552	6	3	8	*	_	21,565	1,000	_
Dominican Republic	21,548	-	_	_	_	-	31,995	-	
Ecuador	31,995	9	3	4	*	23,176 e/	28,009	63,500 <u>e</u> ,	/ <del>-</del>
El Salvador	4,816	6	1	2	*	*	16,250	1	1
Guatemala	16,241	•		-	_	_	2,427	_	-
Haiti	2,427	27	6	5	2	*	5,618	1,001	1
Honduras	5,577	21	-	-	_	_	1,053	1,000	-
Jamaica	1,053	· -	_	_	_	-	7	_	-
Mexico		-	15	Λ	_	_	7,631	_	-
Nicar <i>a</i> gua	7,560	54	13	4	3	*	4,495	1 <u>b</u> 4 b	/ 1
Panama	4,273	202	32	8	6	2	9,357	4 b	/ 1
Paraguay	9,034	277	32	_	_	_	74,952	· –	_
Peru	74,952	_	-	_	_	_	40,833		_
Uruguay	40,813	20	_	-	_	_	33	-	_
Venezuela	33	_	_	_	_	_	_	1,012 d	/ -
Eastern Caribbean	-	-	-	_				_	
International						_	1,601,449	<del>-</del>	_=
Organizations	1,601,449		_ <b>=</b>	_ <del>_</del>					

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### MILITARY ASSISTANCE PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
General and Regional Costs	1,611,634	59,337	47,947	47,930	51,811	59,221	1,877,879	71,300	37,900
Special Requirements Fund					<u>.                                    </u>				50,000

\*Less than \$500.

26

Note: As of September 30, 1981.

Totals may not add due to rounding.

The data and footnotes on this chart were obtained from DOD records.

a/During the period FY 1966 - FY 1975, grant aid funding in support of activities in Southeast Asia was a part of the regular DOD appropriation and was identified for programming purposes as Military Assistance Service Funded programs. The funds were used for providing military equipment and related services and training to those countries engaged in the hostilities in Southeast Asia, i.e., Korea, Laos, Philippines, Thailand and Vietnam. Also included are transfers to Korea under Section 3, P.L. 91-652 during FY 1971 and FY 1972 and Section 23 of P.L. 95-384, dated September 26, 1978, as well as the transfer of ammunition to Thailand under Section 24 of P.L. 96-92, dated October 29, 1979.

b/Program phase out costs under Section 516(b) of the FAA, including supply operations.

c/Supply operations only for delivery of previously MAP-funded material in pipeline. MAP for Taiwan ended in FY 1975.

d/Tentative distribution is as follows: \$253,000 each to Barbados, Dominica, St. Lucia and St. Vincent and the Grenadines.

e/Includes following program amounts under Section 506(a) which allows the drawdown of defense articles from DOD stocks. In FY 1981, \$1.0 million for Liberia and \$25.0 million for El Salvador; in FY 1982, \$55.0 million for El Salvador.

### INTERNATIONAL MILITARY EDUCATION AND TRAINING PROGRAM

The IMET program, authorized by Chapter 5 Part II of the FAA of 1961, as amended, was established to provide instruction and training in military skills and U.S. military doctrine to foreign military and related civilian personnel. IMET training and education complements various national security and foreign policy objectives, including improved readiness, standardization of weapons, and better access to key military personnel and policymakers in foreign countries. The purposes of IMET training are to help foreign countries develop the necessary skills to operate and maintain equipment acquired from the United States; to foster indigenous training capabilities by the foreign country; to promote rapport among U.S. and foreign armed forces; and to promote a better understanding of the United States, its people, and its political system.

To achieve the objectives of the IMET program, the U.S. military departments make available a wide range of courses in the United States and abroad, including professional military education at the war colleges, technical and maintenance training, and flight training. In essence, foreign students are taught to fly airplanes, drive tanks, and steer ships; install, test, calibrate, and repair equipment; and manage information systems, fill requisitions, and devise and implement operational plans and strategies. Since grant military training began in 1950, the United States has trained over one-half million foreign personnel from about 100 countries.

### INTERNATIONAL MILITARY EDUCATION AND TRAINING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	<u>FY 1979</u>	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
WORLDWIDE	1,868,425	23,854	<u>27,931</u>	26,835	25,084	29,289	2,001,418	38,488	53,700
EAST ASIA AND PACIFIC	790,954	6,121	6,541	5,739	4,427	4,768	818,552	6,770	9,150
Eurma	4,253	-	_	-	30	31	4,313	150	200 55
Fiji	-	_	_	-	-	_		_	55
Indochina	5 <b>98</b>	<u>-</u>		-	-	1 003	598	2 200	2,625
Indonesia	21,015	2 <b>,4</b> 27	2,649	1,960	1,636	1,823	31,509	2,200	2,023
Japan	44,589	_	-	-		_	44,589	_	_
Kampuchea	14,603		_	-	-	1 212	14,603	1,400	1,850
Korea <u>a</u> /	151,966	1,172	1,077	1,759	1,136	1,212	158,322	1,400	1,650
Laos a/	42,814	_	-	-	202	200	42,814	500	85 <b>0</b>
Malaysia	2,355	271	594	516	283	300	<b>4,319</b> 21	20	20
Papua New Guinea		-	_		13	8		1,000	1,300
Philippines a/	32,560	5 <b>94</b>	713	645	540	591	35,644 7	1,000 50	50
Singapore	_	_		_	-	7	,	50	50
Taiwan	102,162	457	545	_	-	-	103,164		2,200
Thailand <u>a</u> /	71,898	1,199	964	860	789	795	76,506	1,450	2,200
Vietnam a/	302,142	~	-	-	-	_	302,142	_	<del>-</del>
NEAR EAST AND ASIA	140,734	3,031	6,000	6,328	4,760	4,855	165,708	8,330	11,100
Afghanistan	5,191	173	251	_	_	_	5,616	_	~
Bangladesh	J,171	44	211	230	121	131	738	175	225
Egypt	_	~	183	394	848	792	2,217	2,000	2,000
India	5,413	165	300	450	280	4	6,611	80	200
Iran	67,442	-	-	-		_	67,442	_	~
Iraq	1,487	_	-	_	-	_	1,487	_	-
Jordan	5,500	918	1,248	1,585	999	849	11,097	1,325	2,000
Lebanon	1,518	32	460	544	376	326	3,254	575	750
Libya	2,795		-	-	-	_	2,795	_	-
Morocco	11,446	<b>78</b> 5	1,062	963	932	1,006	16,194	1,100	1,600
Nepal	328	29	64	51	26	63	561	75	75
Owan	J20 -	£9	-	-	10	8	18	100	100
Great					~ "	•			

## INTERNATIONAL MILITARY EDUCATION AND TRAINING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	<u>FY 1979</u>	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
NEAR EAST AND ASIA (CONTD.)	}								
Pakistan Saudi Arabia Sri Lanka Syria Tunisia Yemen	23,236 12,456 166 56 3,460 242	310 6 - 358 211	547 - 62 - 929 684	463 - 28 - 1,059 561	- 24 - 638 506	- 80 - 663 934	24,556 12,456 366 56 7,106 3,137	1,000 1,200	150 1,700 1,500
EUROPE AND CANADA	533,934	4,078	6,326	4,505	6,571	7,252	562,665	7,735	11,035
Austria Belgium Denmark Finland France Germany (FRG) Greece Iceland Italy Luxembourg Netherlands Norway Portugal Spain Turkey United Kingdom Yugoslavia	1,292 33,889 30,451 156 107,987 16,173 43,360 - 46,566 494 39,100 31,652 12,404 33,397 111,102 21,624 4,286	24 - 12 - 934 17 - - 1,122 1,969	50 - 37 - 1,964 - - - 2,503 1,771	50 - 24 - - 19 - - - 2,344 1,742 327	24 - 43 - 1,200 4 - - 1,801 2,109 1,353 - 36	23 - 37 - 1,144 - - 1,820 2,550 1,651 - 27	1,463 33,889 30,451 310 107,987 16,173 48,602 40 46,566 494 39,100 31,652 21,995 43,537 114,433 21,624 4,349	45 - 40 - 1,200 20 - - - 1,800 2,000 2,500 - 130	45 - 40 - 1,700 20 - - 2,600 3,000 3,500
<u>AFRICA</u>	35,681	2,828	2,654	2,976	<u>2,715</u>	4,037	50,891	6,015	8,735
Benin Botswana Burundi Cameroon Cape Verde	27 - - 38 -	- - - -	- - - -	- - - -	- 70 - <b>44</b> -	- 22 - 50 -	27 93 - 133 -	70 - 50 30	125 30 150 35

## INTERNATIONAL MILITARY EDUCATION AND TRAINING PROCRAM (Collars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY <u>1980</u>	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Froposed FY 1983
AFRICA (CONTD.)									
Congo	_	_	_	-	_	-	_	30	35
Djibouti	_	-	_	_	_	_	-	75	100
Equatorial Guinea	-	_	_	_	_	-	_	30	50
Ethiopia	22,506	199	-	-	_	-	22,705	-	
Cabon	_	_	-	_	51	49	100	60	100
Chana	548	83	233	211	191	200	1,466	300	450
Cuinea	89	-	_	_	-	-	89	-	35
Guinea-Bissau	-	-	_	-	-	_	_	35	35
Ivory Coast	104	-	-	-	13	24	142	30	50
Kenya	1,297	193	374	399	501	518	3,282	1,050	1,500
Liberia	3,348	94	187	248	232	600	4,708	600	800
Madagascar		~	~	-	-	<del>-</del>	_	_	20
Malawi	-	~	~	-	18	21	39	40	60
Mali	982	-	~	70	101	109	1,262	75	125
Mauritania	-	-		_	-	27	27	30	50
Niger	11	-	-	-	-	210	221	375	<b>4</b> 50
Nigeria	1,507	-	-	_	-	-	1,507		
Rwanda	-	-	~	_	52	33	85	40	.75
Senegal	228	30	53	111	167	246	835	300	450
Sierra Leone	-	_	_	_	-	-	_	25	25
Somalia	-	_	-	_	-	380	380	350	550
Sudan	718	83	211	290	416	580	2,299	1,150	1,500
Tanzania	-	_	_	-	-	=	_	30	75
Togo	_	23	_	-	30	32	84	50	<b>7</b> 5
Uganda	_	_	_	-	-	26	26	50	50
Upper Volta	33	_	_	115	85	74	307	75	135
Zaire	4,243	2,124	1,597	1,531	743	836	11,074	1,000	1,300
Zambia	-	_	-	-	-	-	_	_	150
Zimbabwe	-	_	_	_	-	-	-	65	150

## INTERNATIONAL MILITARY EDUCATION AND TRAINING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY_1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
AMERICAN REPUBLICS	173,222	7,422	6,285	3,187	2,473	4,069	196,657	9,386	13,335
Argentina	12,086	721	· _	-	_	_	12,806	-	50
Bahamas	_	-	_	_	-	-	~	_	60
Barbados	_	-	_	6	59	50	116	<u>b</u> /	<u>b</u> /
Belize	_	-	-	_	_	_	-	26	100
Bolivia	12,503	581	628	371	147	-	14,229	-	100
Brazil	16,236	46	-	_	-	_	16,283	30	50
Chile	16,847	~	_	_	-	-	16,847	-	50
Colombia	12,983	697	1,116	449	261	284	15,791	500	860
Costa Rica	901	_	_		-	35	936	50	150
Cuba	2,023	_	_	_	_	_	2,023	_	_
Dominica	_	_	_	-	_	26	26	b/	b/
Dominican Republic	8,925	527	608	<b>46</b> 8	249	430	11,205	45 <del>0</del>	75 <del>0</del>
Eastern Caribbean	-	<b>-</b>	_	_	_	_	_	235	280
Ecuador	11,048	393	703	455	227	345	13,171	475	700
El Salvador	5,278	565	-	_	253	1,264	7,359	1,000	1,300
Guatemala	7,005	490	_	_	_	· _	7,494	-	250
Guyana	_	_	_	_	_	24	24	40	50
Haiti	869	93	130	177	120	123	1,513	250	415
Honduras	6,898	631	692	248	438	535	9,441	650	800
Jamaica	13	_		_	_	74	87	75	200
Mexico	2,255	118	115	191	127	120	2,927	200	245
Nicaraqua	10,552	658	384	7		_	11,600	-	_
Panama	3,484	456	439	393	275	378	5,426	400	500
Paraguay	5,718	386	587	-		-	6,691	15	50
Peru	17,276	986	781	422	291	317	20,073	485	700
St. Lucia		-	_			7	7	b/	ъ/
St. Vincent & Grenadine	_	_	_	_	_	16	16	$\frac{\bar{b}}{b}$	<u>b/</u> <u>b</u> / 75
Surinam	_	_	_	_	26	33	60	60	7 <del>5</del>
Uruquay	6,621	_	_	-	-	-	6,621	15	50
Venezuela	13,702	73	101	_	_	8	13,885	30	50
Panama Canal Area	,,	, 5	101			5	20,000	•	
Military School	_	_	_	_	_	-	_	4,400	5,500

### INTERNATIONAL MILITARY EDUCATION AND TRAINING PROGRAM (Dollars in Thousands)

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Proposed FY 1983
INTERNATIONAL ORGANIZATIONS	278			- · _=			278		
GENERAL COSTS	193,622	<u>375</u>	126	4,100	<u>4,137</u>	<u>4,</u> 307	206,667	252	345

<sup>\*</sup>Less than \$500.

Note: As of September 30, 1981. Totals may not add due to rounding.

 $<sup>\</sup>underline{a}/Includes$  IMET and Military Assistance Service Funded programs. See Footnote  $\underline{a}/Includes$  II, page 26.

b/Included in Eastern Caribbean.

### PEACEKEEPING OPERATIONS PROGRAM

PKO is authorized by Chapter 6 of Part II of the FAA. 1/ In past years, this included the U.S. contribution to the United Nations Forces in Cyprus and the Sinai Support Mission.

## United Nations Forces in Cyprus

In recent years the U.S. contribution to the United Nations Forces in Cyprus has been \$9 million a year. The United Nations Forces in Cyprus presently has about 2,400 military and civilian personnel stationed in Cyprus provided by Australia, Canada, Denmark, Finland, Ireland, Sweden, and the United Kingdom. As of December 30, 1981, total Force costs since its inception in 1974 were estimated at \$384 million.

## Multinational Force and Observers

Multinational Force and Observers came into being on August 3, 1981, and replaces the Sinai Support Mission. Under the original plan the Mission was established (by Executive Order 11896 on January 13, 1976) to fulfill the U.S. commitment to build and operate an early warning system to verify the operations of Israeli and Egyptian electronic surveillance stations in the buffer zone. As a result of the March 1979 peace treaty between Israel and Egypt and Executive Order 12150 of July 23, 1979, the role of the Sinai Support Mission was extended through January 1980. However, Egypt and Israel requested that the United States supervise the implementation of certain security arrangements from February 1980 to Israel's final withdrawal from the Sinai in April 1982. From its inception in 1976 through the April 1982 phase-out the total cost of the Sinai peacekeeping operations is estimated to be about \$103 million.

The establishment of the Multinational Force and Observers, marks the first time U.S. military units have been introduced into the peace process. The expected costs to the United States will greatly exceed that incurred in the operation of the Sinai Support Mission. According to U.S. side letters to the Protocol establishing the Multinational Force and Observers, the U.S. contribution will be at least \$170 million over the first 2-1/2 years.

<sup>1/</sup>The International Security Assistance Act of 1978 repealed the legislative authorities for Security Supporting Assistance and provided authority for an ESF and the PKO fund in order to make a more explicit differentiation between politically important economic and peacekeeping assistance.

Under the negotiated agreement, the costs of the Multinational Force and Observers will be shared by the United States, Egypt, and Israel. As shown in the following table, total start-up and operating costs through 1983 are estimated at \$330 million.

Country	1981	<u>1982</u> (Dollars in M	1983 illions)-	Total
United States	\$10	\$125	\$ 35	\$170
Egypt	20	25 <u>a</u> /	35	80
Israel	<u>20</u>	_25 <u>a</u> /	_35	_80
Total	\$ <u>50</u>	\$ <u>175</u>	\$ <u>105</u>	\$330

a/Egypt and Israel are actually required to contribute \$45 million in 1982, but they will receive credit for the \$20 million payments advanced in 1981. The table reflects only the additional \$25 million which will be paid out in 1982.

### Peacekeeping Operations costs

The PKO program costs since inception are shown in the following table.

## PEACEKEEPING OPERATIONS PROGRAM (Dollars in Thousands)

	FY 1979	FY 1980	FY 1981	Estimated FY 1982	Proposed FY 1983
Spain $\underline{\mathtt{a}}/$	\$ 7,000	\$	\$ -	\$ <b>-</b>	\$ -
Sinai Support Mission	11,700	16,000	14,928 <u>b</u> /	5,000	-
UN Forces in Cyprus	8,700	9,000	9,000	9,000	9,000
Multinational Force and Observers		_	-	125,000	34,474
Chad Peacekeeping Operation				12,000 c/	
Total	\$27,400	\$25,000	\$23,928	\$151,000	\$ <u>43,474</u>

<sup>\*</sup>Less than \$500.

Note: As of September 30, 1981.

Totals may not add due to rounding.

a/ Funded as PKO in fiscal year 1979 and as ESF in fiscal years 1980 and 1981.

 $<sup>\</sup>overline{\underline{b}}/$  \$1.0 million from Sinai Support Mission reprogrammed to fund start up of the Multinational Force and Observers.

c/ \$12.0 million transferred from ESF to PKO under Section 610(a) of the FAA of 1961, as amended. These funds were used in responding to the request for assistance by African nations contributing to the Organization for African Unity peackeeping force for Chad.

## SECURITY AND MILITARY ASSISTANCE RELATED ACTIVITIES

In addition to the five major programs discussed in appendix II, there are related activities which can be considered security and military assistance. These include FMS cash program, leases and loans of equipment, sale of ships, providing excess defense articles, stockpiling of defense articles for foreign countries, overseas military program management, construction costs for overseas bases, support of international military activities, and air base construction in Israel.

While some of the activities require congressional authorizations and appropriations on an annual basis others only require congressional review and oversight. The support of international military activities, for example, is included in the DOD budget and is identified as "Support of Other Nations" and "NATO Infrastructure" which are related to security and military assistance. Additionally, construction cost for overseas bases which is included in the DOD budget, is a related program since title to the facilities reverts to the host country when construction is completed or when no longer required by U.S. forces depending on the negotiated agreements.

Although the FMS cash program, leases and loans of equipment, sale of ships, providing of excess defense articles, and stockpiling of defense articles for foreign countries do not involve any appropriations of funds at the time of the transaction, there are congressionally mandated limits, ceilings, dollar values and notification requirements associated with these activities. For example, defense articles added to stockpiles come from existing U.S. military stocks, which in turn are generally funded by annual appropriations provided to the military departments. Additionally, any transfer of equipment to a foreign country at less than its actual value is a form of grant aid.

### FOREIGN MILITARY SALES CASH PROGRAM

The FMS cash program is carried out under the AECA and enables eligible foreign governments to purchase defense articles, services, and training from the U.S. Government. Normally, the foreign government signs a sales agreement, commonly known as the "Letter of Offer and Acceptance" with the U.S. Government. The terms of the sale and delivery of the items or services are worked out as part of the agreement. Also, the purchasing government is responsible for paying all costs associated with the sale. We have issued numerous reports showing that DOD does not recover full cost. (See app. VII.)

1

Under this program, DOD can fill orders by providing the items or services from DOD stocks in accordance with Section 21 of the AECA or procuring the items from U.S. firms in accordance with Section 22 of the Act. When the source of supply is new procurement, the U.S. Government agency or military department assigned cognizance for the procurement enters into a contractual arrangement with industry to provide the item or service requested. Sales under the cash program comprise the largest volume of U.S. arms transfer. The following table identifies actual cash sales as of April 7, 1982.

	FY 1950							FY 1950 to
COUNTRY	to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1982	FY 1982
GRAND TOTAL	52,896,544	5,886,395	7,890,661	10,629,137	12,364,614	7,659,742	8,708,821	106,035,914
Argentina	104,098	12,656	4,618	<del>-</del>	<u></u>	_	-	121,372
Australia	1,677,591	122,568	334,829	139,066	450,149	456,989	2,683,861	5,865,053
Austria	86,273	6,279	3,338	54,468	17,381	7,384	3,686	178,809
Bahrain	41	76	24	28	6,029	62	-	6,260 15
Barbados	_	-	-	<del>-</del>		15	-	
Belgium	2,002,796	6,198	12,166	19,877	11,638	41,539	10,345	2,104,559
Benin	-	*	-	=	_	-	_	*
Bolivia	1,853	140	_	78	28			2,099
Brazil	88,925	12,841	13,538	311	3,178	4,3 <del>9</del> 8	4,616	127,807
Brunei	1	9	-	-	_	172		182
Burma	2,719	575	602	563	816	585	1,069	6,929
Cameroon	-	-	-	3	-	-	<del>-</del>	3
Canada	1,277,941	67,192	99,850	73,872	131,952	141,719	155,256	1,947,782
Chile	150,750	235	_	-	-	-	-	150,985
Colombia	16,205	2,246	213	1,710	4,011	5,233	11,269	40,887
Costa Rica	1,157	7	_	10	-	-	_	1,174
Cuba	4,510	_	_	_	-	_	-	4,510
Denmark	1,066,545	13,499	21,330	36,584	14,747	28,125	5,897	1,186,727
Dominican Republi	ic 2,185	*	_	112	111	2	-	2,410
Ecuador	21,442	13,888	22,870	9,659	2,107	11,232	5,373	86,571
Egypt	62,518	35	2,060	6,093	71,166	87,566	13,943	243,381
El Salvador	2,865	179	29	*	371	9,082	2,753	15,279
Ethiopia	83,367	6	_	_	-	-	=	83,375
Fiji	137	_	_	_	1	1,364	1	1,502
Finland	18	5	1	-	*	158	_	182
France	294,675	1,981	6,143	6,140	59 <b>,4</b> 07	13,161	33,860	415,367
Gabon	1 <b>4</b> 5	_	-	_	-	-	-	145
Germany	5,848,881	339,404	400,533	627,257	430,965	246,257	103,189	7,996,486
Ghana	255	136	_	_	126	145	-	662
Greece	523,104	191,809	96,281	155,995	102,734	109,162	63,956	1,243,041
Guatemala	14,196	5,654	3,147	1,949	10	4	-	<b>24,96</b> 0
Haiti	857	190	_	48	12	-	_	1,107
Honduras	6,087	312	308	193	3,392	971	273	11,536
Iceland	503	13	20	4	3	_	-	543
India	64,163	1,441	1,677	6,494	1,211	233	306	75,525
Indochina	8,542	·	· _		-	_	-	8,542
	=							

	FY 1950 to							FY 1950 to
COUNTRY	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1982	FY 1982
Indonesia	47,743	7,766	2,755	35,735	6,919	39,663	26,170	166,751
Iran	9,857,047	1,948,161	453,193	35,513	_	_	-	12,293,914
Iraq	13,152	-	_	-	-	_	-	13,152
Ireland	531	39	69	52	22	27	38	778
Israel	134,953	29,199	824,858	210,371	404,027	127,985	26,007	1,757,400
Italy	741,182	23,135	6,242	16,977	24,453	206,984	72,286	1,091,259
Jamaica	157	*	3	-	-	-	_	160
Japan	451,464	43,556	342,098	479,406	437,045	622,253	98,137	2,473,959
Jordan	552,455	90,250	54,399	33,526	228,035	357,880	30,189	1,346,734
Kenya	1	2,742	2,109	2,550	11,787	22,799	1,204	43,190
Korea	490,716	182,581	294,027	214,540	271,689	369,740	1,053,706	2,876,999
Kuwait	573,502	19,163	70,891	10,831	127,372	45,933	80,924	928,616
Lebanon	15,345	<del></del>	238	1,390	10,429	32,103	53	59,558
Liberia	857	21	8	45	_	407	_	1,338
Libya	29,594	_	_	_	_	_	_	29,594
Luxembourg	2,778	2	11	240	225	434	759	4,449
Madagascar	_	-	_	-	*	*	-	*
Malaysia	11,669	5,044	1,951	31,810	5,969	31,863	155	88,459
Mali	106	-	_	_	_	_	_	106
Morocco	15,015	156	1,973	91	15	107,593	6,025	130,868
Nepal	73	-	-	-	-	_	_	73
Netherlands	1,986,641	32,407	66,975	469,202	158,702	513,315	297,219	3,524,461
New Zealand	124,609	5,485	8,373	11,692	16,515	19,261	9,924	195,859
Nicaragua	4,330	575	11	_	1	_	_	4,917
Niger	8	-	-	-	-	-	-	8
Nigeria	11,733	5,408	9,248	8,026	22,581	6,583	1,331	64,910
Norway	1,578,860	15,244	45,337	27,160	20,214	53,874	19,837	1,760,526
Oman	1,832	764	-	50	21	21,541	19,924	44,132
Pakistan	251,206	142,184	44,643	22,694	29,148	59,802	1,600,783	2,150,460
Panama	3,261	191	64	139	264	422	196	4,537
Paraguay	113	227	40	9	96	33	92	610
Peru	111,395	9,606	5,3 <del>44</del>	4,816	3,124	4,858	537	139,680
Philippines	78,984	67,861	29,013	15,807	9,331	6,583	6,544	214,123
Portugal	13,837	1,143	738	1,316	23,514	21,277	6,615	68,440
Qatar	-	_	-	_	84	262	74	420
Rwanda		_	_	_	_	747	-	747
* *								

	FY 1950							FY 1950
	to							to
COUNTRY	FY 19 <b>7</b> 6	FY 1977	<u>FY 1978</u>	FY 1979	FY 1980	FY 1981	FY 1982	FY 1982
Saudi Arabia	16,890,739	1,679,462	3,373,295	5,832,439	4,521,992	2,140,236	1,616,715	36,054,878
Senegal	9	_	-	-	_	-	_	9
Singapore	45,435	112,352	12,528	7,740	120,522	42,357	9,131	350,065
Somalia		_	_	<u> -</u>	_	1,100	-	1,100
South Africa	3,149	-	_	-	_	_	-	3,149
Spain	698,702	16,871	42,649	36,767	418,322	107,228	6,714	1,327,253
Sri Lanka	4	_		_	-	-	-	4
Sudan	_	86,149	-	908	18	2,189	105	89,369
Surinam	_	1	-	_	_	-	_	1
Sweden	68,540	26,452	5,687	1,902	6,868	28 <b>,9</b> 85	5,552	143,986
Switzerland	549,032	76,521	37,577	58,270	119,943	318,142	3,722	1,163,207
Syria	1	_	-	_	-	_	-	1
Taiwan	757,819	147,581	337,926	5 <del>44</del> ,704	493,670	267,044	57,037	2,605,781
Thailand	192,059	46,570	93,051	359,570	192,266	150,002	70,693	1,104,211
Trinidad - Tobago	94	_	-	-	_	15	_	99
Tunisia	3,272	1,220	1,611	2,317	3,210	8,068	116,453	136,151
Turkey	82,345	*	268	4,980	29,923	75,613	100,874	294,003
United Arab Emirates	2,177	268	36	2,836	154	18,418	10	23,899
United Kingdom	2,070,752	184,131	508,832	260,853	2,943,113	337,758	152,445	6,457,884
Uruquay	7,366	281	61	17	574	638	129	9,066
Venezuela	120,190	1,942	4,207	2,199	3,426	72,453	990	205,407
Vietnam	1,167	-	-	_	_	_	-	1,167
Yemen	133,243	1,895	1,252	167,776	1,523	17,755	16,975	340,419
Yuqoslavia	12,145	179	1,114	470	28,193	11,507	6,512	60,120
Zaire	6,163	265	420	174	27	881	501	8,431
Country Totals	52,295,897	5,814,624	7,708,702	10,058,424	12,006,871	7,440,169	8,622,940	103,698,617

to
32 FY 1982
5
5
16,598
1,106
3,429
671,670
97,493
18,650
492,774
216,887
1,187
35,302
169
47,394
82
4,081
. 8
8,868
. 6
1,615,714

<sup>\*</sup> Less than \$500.

AEW&C - Aircraft Early Warning and Control

CENTO - Central Treaty Organization

ICAO - International Civil Defense Organization

NAMFI - Nato Missile Firing Installation

NAMMA - Nato Multi-Role Combat Aircraft

NAMSA - Nato Maintenance and Supply Agency

NAPMO - NATO Airborne Early Warning and Control Program Management Office

NATO - North Atlantic Treaty Organization

NICSMA - NATO Intergrated Communications System Management Agency

OAS - Organization of American States

SACLANT - Supreme Allied Commander Atlantic

SHAPE - Supreme Headquarters U.S. Allies Europe

Note: As of September 30, 1981.

Totals may not add due to rounding.

a/ ABBREVIATIONS

### LEASES OF EQUIPMENT

Military equipment has been transferred to foreign countries through sales made under the AECA, on a grant basis under the FAA and, until recently, military equipment has been leased to foreign countries under Title 10 of the United States Code, Section 2667. Leasing of defense articles to foreign countries or international organizations is now included under Chapter 6 of the AECA.

The International Security and Development Cooperation Act of 1981, passed December 29, 1981, provides that (1) 10 U.S.C. 2667 can no longer be used to lease military equipment to a foreign country or international organization, and (2) military equipment, with a few exceptions, 1/ can no longer be leased to a foreign country or international organization on a rent-free or nominal-rent basis. Prior to December 1981, DOD used 10 U.S.C. § 2667 to lease defense equipment to foreign governments. More significantly, it was leasing the equipment on a rent-free or nominal-rent basis. In essence, this was tantamount to grant aid which, over the years, cost the United States millions of dollars in lost revenue.

We have issued three reports identifying defense equipment transferred to foreign countries on a rent-free or nominal-rent basis. The most recent report, issued April 27, 1981, to the Senate Foreign Relations Committee is entitled "Appropriateness of Procedures For Leasing Defense Property To Foreign Governments" (ID-81-36). We recommended that the Congress amend 10 U.S.C. § 2667 to prohibit rent-free or nominal-rent leases of defense property to foreign governments. Our report was used as the basis for the legislation which was passed by the Congress in December 1981.

### Property leased rent free

During the period 1977-1980, the United States entered into 48 lease arrangements for military equipment having a total property value of about \$80.0 million; \$52.5 million being provided on a rent-free basis. The following table shows the value of these leases made each year for calendar years 1977-1980.

<sup>1/</sup>The requirement does not apply to leases involving cooperative research or development, military exercises, or communications or electronics interface projects, or to any defense article which has passed three-quarters of its normal service life.

	Value of property leased rent-free	Value of property leased with rent payable	Total value of property leased
1977	\$ 0	\$ 361,824	\$ 361,824
1978	20,000	1,167,178	1,187,178
1979	3,975,786	21,547,245	25,523,031
1980	48,498,652	5,221,084	53,719,736
Total	\$52,494,438	\$28,297,331	\$80,791,769

In addition to these leases, there were 11 leases initiated during calendar year 1981. The value of the property in these leases totals about \$17.3 million, of which over \$15.5 million was provided on a rent-free basis. These 11 leases are shown in the following table.

### LEASES TO FOREIGN GOVERNMENTS

## CALENDAR YEAR 1981

Country	Items	Date	Duration	Total rent	Lessor	Value
Norway	84 ea. TER-9A, Bomb Racks	1/1/81	2 years	\$6,810	AF	\$ 84,000
El Salvador	2 ea. UH-1H Helicopters	1/14/81	l year	None	Army	\$2,238,470
El Salvador	4 ea. UH-1H Helicopters	1/16/81	l <b>yea</b> r	None	Army	\$3,700,000
Turkey	Destroyer	2/20/81	5 years	None	Navy	\$7,900,000
Netherlands	4 ea. ACM-65B Trng. Missles	4/1/81	4 months	\$20,908	AF	\$ 630,000
Israel	I-Hawk Shipping Containers	6/1/81	6 months	\$36,291	Army	\$1,088,751
Turkey	Landing Ship (Tank)	9/23/81	5 years	None	Navy	\$ 400,000
Turkey	Landing Ship (Tank)	9/23/81	5 years	None	Navy	\$ 400,000
Turkey	Non-self Propelled Barracks Barge	9/23/81	5 years	None	Navy	\$ 397,500
Turkey	Non-self Propelled Barracks Barge	9/23/81	5 <b>ye</b> ars	None	Navy	\$ 472,500
Saudi Arabia	12 ea. GFL 940 MCL Light Tables and 12 ea. Bausch & Lomb Zoom 70 Optics	10/25/81	l year	\$1,536	AF	Not available

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### LOANS OF EQUIPMENT

The loan of military equipment to foreign countries is authorized under Section 503 of the FAA of 1961, as amended. This method of furnishing defense articles is restricted to MAP recipients and the equipment may not be loaned without prior DOD approval. A written loan agreement is concluded between the lending agency and the borrowing government prior to the commencement of the loan, and agreement is reached on the terms and conditions under which the loan is authorized, including all fees to be paid.

Since 1977 only Portugal and Greece have participated in this program. Following is a listing of the military equipment loaned to these two countries.

Country	Items	Loan period	Loan fees	Acquisition costs
Portugal	T-38 aircraft, 6 each Jet engines model J85-5, 4 each Support equipment, (includes 11 items)	1/77 - 9/78	\$197,843	Not available Not available \$ 131,736
Greece	T-37B aircraft, 8 each	7/78 - 6/83	\$283,800	\$1,318,832

## SALE OF U.S. NAVY SHIPS TO FOREIGN GOVERNMENTS

The transfer by any means of certain ships, such as destroyers and submarines, to another government is governed by 10 U.S.C. § 7307. That section provides that if the ship is less than 20 years old or weighs more than 3,000 tons it may not be transferred unless Congress enacts a law authorizing its transfer. Any other naval vessel may be transferred only after (1) notice provisions to congressional committees are complied with, and (2) the Chief of Naval Operations certifies that the ship is not essential to the defense of the United States. The purpose of the ships transfer program is to strengthen the friendly navies of small countries and make them more self-reliant.

The U.S. Navy has sold 182 ships to foreign governments between January 1977 and February 1982. In each case, the sales price cited was based on scrap value. The total sales price for these ships equalled \$33.8 million, which represents 4.56 percent of the total U.S. acquisition cost of \$723.6 million. The following table shows the sale of ships on an annual basis.

Year	Number of ships	Sales price	Acquisition cost Thousands)
1977	70	\$12,147	\$338,870
1978	57	7,733	175,691
1979	13	2,666	30,882
1980	35	9,242	119,959
1981	5	1,384	41,265
Feb. 1982	2	723	17,005
Total	182	\$33,895	\$723,672

Following is a listing of the individual sales of U.S. Navy ships to foreign governments between January 1977 and February 1982.

SALES OF EXCESS U.S. NAVY SHIPS TO FOREIGN GOVERNMENTS: 1 JAN 1977 - PRESENT

	SHIP	COUNTRY	SALE DATE	_	SALE RICE		UISITION COST	YEAR USN ACQUIRED	HOT SHIP TRANSFER 1/		/IOUS /LEASE 2/	AUTHORITY	.3/	
	HEERMANN (DD 532)	Argentina	1-77	\$	125,000	\$ 8	,297,390	7-43	NO	LO	8/61	PL 94-457	5.0	CT 76
	STEMBEL (DD 644)	Argentina	1-77		125,000		,610,226	7-43	NO	LO	8/61	PL 94-457	5 O	CT 76
	DORTCH (DD 670)	Argentina	1-77		125,000		,516,096	8-43	NO	LO	8/61	PL 94-457	5 0	CT 76
	SATYR (ARL 23)	Philippines	1-77		180,000		,259,963	11-44	NO			PL 94-457		CT 76
	WHITEMARSH (LSD 8)	Rep of China	1-77		270,000	\$ 6	,857,392	1-44	NO	TO	11/60	PL 94-457	5 O	CT 76
	ARD 9	Rep of China	1-77	\$	400,000		,032,150	9-43	NO		10/67	PL 94-457		CT 76
	POWELL (DD 686)	Korea	1-77	\$	200,000	\$ 7	,361,485	10-43	NO	LO	4/68	PL 94-457		CT 76
	ERBEN (DD 631)	Korea	1-77	\$	200,000	\$ 7	,816,077	5~43	NO	TO	,	PL 94-457		CT 76
	HICKOX (DD 673)	Korea	1-77	\$	200,000	\$ 7	,516,096	9-43	NO		11/68	PL 94-457		CT 76
	LARSON (DD 830)	Korea	1-77	\$	200,000	\$ 7	,858,562	4-45	МО	ľO	10/72	PL 94-457	5 O	CT 76
	CHEVALIER (DD 805)	Korea	1-77	\$	200,000	\$ 7	,887,219	1-45	NO	LO	,	PL 94-457		CT 76
4	MINOTAR (ARL 15)	Korea	1-77	\$	200,000	\$ 1	,259,963	9-44	NO	ľO	10/55	PL 94-457		CT 76
	SUMMIT COUNTY (LST 1146)	Ecuador	2-77	\$	200,000	\$ 1	,419,522	5-45	ИO			NOTIFICATIO		
	YFB 82	Paraguay	2-77	\$	18,000	\$	127,783	4-44	NO	$L\!E$		NOTIFICATIO		
	YFB 86	Paraguay	2-77	\$	18,000	\$	127,505	9-43	NO	LE	6/70	NOTIFICATIO	M.	
	AFDL 26	Paraquay	2-77	\$	100,000	\$	639,150	6-44	NO	LE	3/65	NOTIFICATIO		
	YTL 211	Paraguay	2-77	\$	18,000	\$	94,467	9-42	NO	LE	3/65	NOTIFICATIO		
	YTL 567	Paraguay	2-77	\$	18,000	\$	171,978	10-45	NO	TO	4/74	NOTIFICATIO		
	YR 37	Paraguay	2-77	\$	25,000	\$	575,947	5-42	NO	$_{ m LE}$	3/65	NOTIFICATIO		
	NEW (DD 818)	Korea	2-77	\$	250,000	\$ 8	,416,672	4-46	NO			PL 94-457	5 0	XT 76
	RICHARD E. KRAUS (DD 849)	Korea	2-77	\$	250,000		,858,562	5-46	NO			PL 94-457	-	XT 76
	HALE (DD 642)	Colombia	2-77	\$	75,000	\$ 7	,783,830	6-43	NO	$\mathbf{r}$		PL 94-457		CT 76
	AMPHION (AR 13)	Iran	3-77	\$	450,000	\$ 9	,658,714	1-46	NO		10/71	PL <b>94-4</b> 57		CT 76
	ARCO (ARD 29)	Iran	3-77	\$	400,000	\$ 3	,032,150	6-44	NO	TO.	9/71	PL 94-457		CT 76
	GURKE (DD 783)	Greece	3 <b>-7</b> 7	\$	320,000	\$ 8	,122,273	5-45	NO			PL 94-457	5 C	CT 76
	TERRELL COUNTY (LST 1157)	Greece	3-77	\$	200,000	\$ 7	,792,500	3-53	NO			PL 94-457		OCT 76
	WHITEFIELD COUNTY	Greece	3-77	\$	200,000	\$ 8	,236,300	9-54	NO			PL <b>94-45</b> 7	5 C	CT 76
	(LST 1169)										7.150	DT 04 452	E /	XT 76
	RINGOLD (DD 500)	W. Germany	3-77		150,000		,061,676	12-42	NO NO	io		PL 94~457		XI 76 XI 76
	CLAXTON (DD 571)	W. Germany	3-77		150,000		,976,527	12-42	NO		12/59	PL 94-457		
	WADSWORTH (DD 516)	W. Germany	3-77		150,000		,836,063	3-43	NO	LO	10/59	PL 94-457	5 (	OCT 76
	Source: Office of Chief of	of Naval Operati	ions , A	pril	30, 1982									

										-
	CHTD	CVOLD IMPOL	SALE	SALE	ACQUISITION	YEAR USN	HOT SHIP TRANSFER <u>1</u> /	PREVIOUS LOAN/LEASE 2/	AUTHORITY 3/	
	SHIP	COUNTRY	DATE	PRICE	COST	ACQUIRED	TRANSPER/	LOAN/ LEASE 2/	AUTHORITY 3/	
	DYSON (DD 572)	W. Germany	3-77	\$ 150,00	\$ 8,994,080	12-42	NO	LO 2/60	PL 94-457 5 OCT 76	6
	FORT MARION (LSD 22)	Rep of China	4-77	\$ 250,00		1-46	NO		PL 94-457 5 OCT 76	-
	BRADFORD (DD 545)	Greece	4-77	\$ 320,00		6-43	NO	LO 9/62	PL 94-457 5 OCT 76	
	BROWN (DD 546)	Greece	4-77	\$ 320,00		7-43	NO	LO 9/62	PL 94-457 5 OCT 76	
	AULICK (DD 569)	Greece	4-77	\$ 320,00		10-42	NO	LO 8/59	PL 94-457 5 OCT 76	
	Hodiat (BS 303)	GI CCCC	4 17	y 320,00	7 7,055,042	10 42	110	30 0/33	111 71 431 3 001 70	,
	CHARRETTE (DD 581)	Greece	4-77	\$ 320,00	\$ 8,042,905	6-43	NO	LO 6/59	PL 94~457 5 OCT 76	5
	CONNER (DD 582)	Greece	4-77	\$ 320,00		6-43	NO	LO 10/59	PL 94~457 5 OCT 76	5
	HALL (DD 583)	Greece	4-77	\$ 320,00		7-43	NO	LO 2/60	PL 94~457 5 OCT 76	5
	EPPERSON (DD 719)	Pakistan	4-77	\$ 229,50		3-49	NO	,	PL 94~457 5 OCT 76	
	WILTSIE (DD 716)	Pakistan	4-77	\$ 229,50		1-46	NO		PL 94-457 5 OCT 76	
				,	, , , , , , , , , , , , , , , , , , , ,					
4	R. B. ANDERSON (DD 786)	Rep of China	6-77	\$ 250,00	\$ 8,122,273	10-45	NO		NOTIFICATION	
$\infty$	ROWAN (DD 782)	Rep of China	6-77	\$ 250,00	\$ 8,122,273	3-45	NO		NOTIFICATION	
	GIBBS (AGOR 1)	Greece	5-77	\$ 105,00	\$ 6,015,317	3-44	NO	LE $12/71$	NOTIFICATION	
	YTL 426	Argentina	6-77	\$ 16,00	\$ 183,724	9-44	NO	LE 3/69	NOTIFICATION	
	YTL 441	Argentina	6 <b>-</b> 77	\$ 16,00	\$ 135,462	2-45	NO	LE 3/69	NOTIFICATION	
	YTL 443	Argentina	6-77	\$ 16,00	) \$ 135,462	4-45	NO	LE 3/65	NOTIFICATION	
	YTL 444	Argentina	6-77	\$ 16,00		5-45	NO NO	LE 3/65	NOTIFICATION	
	YTL 445	Argentina	6-77	\$ 16,00		8-44	NO NO	LE 3/69	NOTIFICATION	
	YTL 448	Argentina	6-77	\$ 16,00		11-44	NO NO	LE 3/65	NOTIFICATION	
	BORDELON (DD 881)	Iran	7-77	\$ 250,00		6-45	NO	J/07	NOTIFICATION	
	BORDIZON (DD 661)	Tran	1-11	\$ 2,0,00	7 0,144,013	0-45	110		NOTH TOAT TON	
	SARSFIELD (DD 837)	Rep of China	10-77	\$ 275,00	\$ 7,858,562	7-45	YES		NOTIFICATION	
	POWER (DD 839)	Rep of China	10-77	\$ 275,000	\$ 7,858,562	9-45	YES		NOTIFICATION	
	CHOWANOC (ATF 100)	Ecuador	10-77	\$ 195,000	\$ 2,323,000	2-44	YES		NOTIFICATION	
	CAPITAINE (SS 336)	Italy	12-77	\$ 130,00		1-45	NO	LO 3/66	NOTIFICATION	ΑŁ
	VOLADOR (SS 490)	Italy	12-77	\$ 160,000		10-48	NO	LO 8/72	NOTIFICATION	10
										ENU
	PICKEREL (SS 524)	Italy	12-77	\$ 160,000		4-49	NO	LO 8/72	NOTIFICATION	É
	MARIETA (AN 82)	Venezuela	12-77	\$ 16,000	\$ 1,038,387	6-45	NO	LE 2/62	NOTIFICATION	X
	TUNXIS (AN 90)	Venezuela	12-77	\$ 16,000		6-45	NO	LE 8/63	NOTIFICATION	×
	WAXSAW (AN 91)	Venezuela	12-77	\$ 16,000	\$ 1,136,318	<b>3-4</b> 5	NO	LE 8/63	NOTIFICATION	-
	ARD 13	Venezuela	12-77	\$ 320,000	\$ 3,032,150	5-45	NO	LO 1/62	NOTIFICATION	<u> </u>

Source: Office of Chief of Naval Operations, April 30, 1982.

	SHIP	COUNTRY	SALE DATE		SALE RICE	AC(	UISITION COST	YEAR USN ACQUIRED	HOT SHIP TRANSFER 1/		/IOUS /LEASE 2/	AUTHORITY	<u>3/</u>
	QUIRINUS (ARL 39) UTINA (ATF 163) VERNON COUNTY (LST 1161) YTM 193	Venezuela Venezuela Venezuela Venezuela	12-77 12-77 12-77 12-77	\$ \$ \$ \$ \$	165,000 165,000 280,000 75,000	\$ 2	2,159,210 2,086,261 2,857,000 290,035	11-43 6-45 5-53 9-42	NO NO NO NO	LE LE LE	9/71 6/73	PL 94-457 PL 94-457 PL 94-457 NOTIFICATION	5 OCT 76 5 OCT 76 5 OCT 76 ON
	YTM 385 YIM 778 YR 48 GRAPPLE (ARS 7) HELIOS (ARB 12)	Venezuela Venezuela Venezuela Rep of China Brazil	12-77 12-77 12-77 12-77 12-77	\$ \$ \$ \$ \$	75,000 100,000 25,000 250,000 185,000	\$ \$ \$ 2	348,927 482,794 167,937 2,867,248 -,080,430	5-44 12-45 1-44 12-43 2-45	NO NO NO YES NO	LE LE LE	3/65 7/61	NOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATION	OM OM OM
49	YFN 903 HALE (DD 642) LEONARD F. MASON (DD 852) GRASP (ARS 24) KALMIA (ATA 184)	Brazil Colombia Rep of China Korea Colombia	12-77 2-78 3-78 3-78 3-78	\$ \$ \$ \$ \$ \$ U	17,000 70,000 250,000 245,000 180,000	\$ 8 \$ 2	36,343 7,783,830 5,572,430 5,515,481 886,848	3-45 6-43 6-46 8-44 11-44	NO NO NO YES NO		1/62 1/61	NOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATION	ON ON ON
	CHOCTAW (ATF 70) RUCHAMKIN (LPR 89) YFND 6 YFR 443 YTL 231	Colombia Colombia Colombia Colombia Colombia	3-78 3-78 3-78 3-78 3-78	5 5 5 5 5	195,000 75,000 26,000 56,000 16,000	\$ 3 \$	2,319,852 3,530,272 35,500 376,690 64,500	4-43 9-45 11-42 11-43	NO NO NO NO NO	LE LE	12/60 11/69 12/60 7/63 5/63	NOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATION	ON ON
	YFND 19 LCU 1212 LCU 1218 LCU 1244 LCU 1367	Rep of China Rep of China Rep of China Rep of China Rep of China	4-78 4-78 4-78 4-78 4-78	\$ \$ \$ \$ \$	30,000 25,000 25,000 25,000 25,000	\$ \$ \$ \$ \$	64,500 120,394 120,394 131,198 117,497	8-44 1945 1945 1945 1945	NO NO NO NO	ro or ro	6/71 11/59 12/59 12/59 12/59	NOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATIONOTIFICATION	0N ON ON
	LCU 1397 LCU 1429 LCU 1452 GREEN (DD 711) NOA (DD 841)	Rep of China Rep of China Rep of China Spain Spain	4-78 4-78 4-78 5-78 5-78	\$ \$ \$ \$ \$ \$	25,000 25,000 25,000 200,000 200,000	\$ \$ \$ 8	124,123 120,560 116,015 ,947,809 ,858,562	1945 1945 1945 6-45 11-45	NO NO NO NO	ro ro ro	12/59 12/59 12/59 12/59 8/72 10/73	NOTIFICATION NOTIFICATION NOTIFICATION PL 94-457	ON

Source: Office of Chief of Naval Operations, April 30, 1982.

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\$ 1,661,633

\$ 1,614,907

\$ 3,863,672

575,947

508,749

\$

\$

ACQUISITION

COST

\$ 8,144,019

\$ 8,144,019

\$ 8,144-019

\$14,319,700

\$ 7,792,500

YEAR USN

ACOUIRED

5 - 45

7-45

11-45

11-52

9-53

2-44

12-43

4-42

9~45

9-43

HOT SHIP

TRANSFER

NO

**PREVIOUS** 

LOAN/LEASE

LO 10/73

LO 8/72

LO 10/73

LO 10/71

LO = 1/72

IO 11/60

LO 12/60

LE 7/62

LE 3/63

LE 12/67

Philippines Source: Office of Chief of Naval Operations, April 30, 1982.

Ecuador

Ecuador

Ecuador

Ecudaor

SALE

DATE

5 - 78

5-78

5-78

5-78

5 - 78

8-78

8-78

8-78

8-78

8-78

\$

\$

\$

\$

COUNTRY

Spain

Spain

Spain

Spain

SHIP

LEARY (DD 879)

FURSE (DD 882)

O'HARE (DD 889)

TERREBONNE PARRISH

(LST 1156)

EUNICE (PCE 846)

BOOTH (DE 170)

YR 34

YW 131

PASCAGOULA (PCE 874)

SALE

200,000

200,000

200,000

350,000

350,000

35,000

35,000

25,000

44,000

95,000

PRICE

\$

\$

	SHIP	COUNTRY	SALE DATE	SALE PRICE	ACQUISITION COST	YEAR USN ACQUIRED	HOT SHIP TRANSFER 1/	PREVIOUS LOAN/LEASE 2/	AUTHORITY 3/
	NETTLE (WAK 169) NIPMUC (ATF 157) SALINAN (ATF 161) HOLDER (DD 819) ABNAKI (ATF 96)	Philippines Venezuela Venezuela Ecuador Mexico	8-78 9-78 9-78 9-78 9-78	\$ 75,000 \$ 210,000 \$ 210,000 \$ 185,000 \$ 210,000	\$ 1,000,000 \$ 2,086,261 \$ 2,086,261 \$ 8,416,668 \$ 2,323,001	1944 7-45 11-45 5-46 11-43	NO YES YES NO YES	LE 1/68	NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION
	COCOPA (ATF 101) HITCHITI (ATF 103) SAMOSET (ATA 190) ASKARI (ARL 30) 35' BOAT (25385)	Mexico Mexico Haití Indonesia Indonesia	9-78 9-78 10-78 2-79 2-79	\$ 210,000 \$ 210,000 \$ 180,000 \$ 375,000 \$ 1,560	\$ 2,323,000 \$ 2,323,000 \$ 886,848 \$ 1,159,210 \$ 18,000	3-44 5-44 12-44 3-45 11-52	YES YES NO NO NO	LE 9/71 LE 5/72	NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION
51	CLARK COUNTY (LST 601) IREDELL COUNTY (LST 839) STONE COUNTY (LST 1141) CARIB (ATF 82) HIDATSA (ATF 102)	Indonesia Indonesia Thailand Colombia Colombia	2-79 2-79 3-79 3-79 3-79	\$ 230,000 \$ 230,000 \$ 230,000 \$ 195,000 \$ 195,000	\$ 1,691,073 \$ 1,775,259 \$ 1,297,528 \$ 2,401,691 \$ 2,323,000	3-44 11-44 4-45 7-43 4-44	NO NO NO NO NO	LE 7/70 LE 7/70 LE 3/70	NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION
	JICARILLA (ATF 104) BANNOCK (ATF 81) UMPQUA (ATA 209) LIZARDFISH (SS 373) DELIVER (ARS 23)	Colombia Italy Colombia Italy Korea	3-79 5-79 3-79 7-79 8-79	\$ 195,000 \$ 220,000 \$ 155,000 \$ 120,000 \$ 245,000	\$ 2,323,000 \$ 2,401,690 \$ 886,848 \$ 3,945,297 \$ 2,515,481	6-44 6-43 3-45 12-44 7-44	NO NO NO NO YES	LE 10/62 LE 6/71 LO 1/60	NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION NOTIFICATION
	MEREDITH (DD 890) PAUL REVERÉ (LPA 248) FRANCIS MARION (LPA 249) FORT MANDAN (LSD 21) GRANT COUNTY (LST 1174)	Turkey Spain Spain Greece Brazil	11-79 1-80 1-80 2-80 2-80	\$ 275,000 \$1,200,000 \$1,200,000 \$ 325,000 \$ 400,000	\$ 8,144,019 \$10,064,316 \$10,082,427 \$ 5,951,922 \$10,960,000	12-45 12-53 5-54 10-45 12-57	NO YES' NO NO NO	LE 1/71 LE 1/73	NOTIFICATION PL 96-150 20 DEC 79
	ARD 14 AFDL 39 TIDEWATER (AD 31) AFDL 20 KRISHNA (ARL 38) KEYWADIN (ATA 213)	Brazil Brazil Indonesia Philippines Philippines Haiti	2-80 2-80 3-80 3-80 3-80 3-80	\$ 375,000 \$ 180,000 \$ 525,000 \$ 110,000 \$ 375,000 \$ 197,600	\$ 3,032,150 \$ 1,611,700 \$ 8,912,985 \$ 639,150 \$ 1,159,210 \$ 887,000	12-43 10-44 2-46 6-44 6-45 5-45	NO NO NO NO NO	IE 1/62 LE 11/66 LE 2/71 LO 10/61 LE 10/71	PL 96-150 20 DEC 79 PL 96-150 20 DEC 79 PL 96-150 20 DEC 79 NOTIFICATION NOTIFICATION NOTIFICATION

<sup>\*</sup> Haiti bought on FMS credits, but has never taken delivery and is considering cancelling the case.

Source: Office of Chief of Naval Operations, April, 1982.

APPENDIX

III

Source: Office of Chief of Naval Operations, April 30, 1982.

1/A transfer that is made on the day the vessel is retired from active service in the U.S. Navy.

- 2/The date on which the country first assumed custody of the vessel on a lease (LE) or loan (LO) basis.
- 3/This column depicts the authority for transfer pursuant to 10 U.S.C. § 7307. The Public Law is cited for these transfers because vessel tonnage or age required approval legislation. "Notification" is cited as authority for all other transfers; the absence of congressional objection during the waiting period of 30 continuous legislative days is construed as tacit approval to proceed with the intended transfer.

## ABBREVIATIONS

AD	Destroyer Tender
AFDL	Small Auxiliary Floating Drydock (non self-propelled)
AN	Net Laying Ship
AOG	Gasoline Tanker
APD	High Speed Transport
AR	Repair Ship
ARB	Battle Damage Repair Ship
ARD	Auxiliary Repair Drydock (non self-propelled)
ARL	Repair Ship, Small
ARS	Salvage Ship
ATA	Auxiliary Ocean Tug
ATF	Fleet Ocean Tug
YC	Open Lighter (non self-propelled)
YD	Floating Crane (non self-propelled)
YFB	Ferry Boat or Launch
YFN	Covered Lighter
YFND	Drydock Companion Craft (non self-propelled)
YFR	Refrigerated Covered Lighter
YOG	Gasoline Barge
YR	Floating Workship (non self-propelled)
YTL	Small Harbor Tug
YTM	Medium Harbor Tug
YW	Water Barge
LCU	Landing Craft, Utility
LPA	Amphibious Transport
LPR	Amphibious Transport (small)
LSD	Dock Landing Ship
LST	Tank Landing Ship
	Tank Banaring Dhip
DD	Destroyer
DE	Escort Ship
SS	Submarine (conventionally-powered)
FS	Army Supply Ship
PCE	Patrol Escort
WAK	Coast Guard Supply Ship

### EXCESS DEFENSE ARTICLES

Defense articles no longer needed by the DOD, referred to collectively as Excess Defense Articles, in the past were used to meet some of the requirements of the MAP but now are sold under the FMS Program.

Excess defense articles are sold to eligible countries under FMS procedures. Section 31 (d) of the AECA limits the annual acquisition value to be provided to foreign governments by sales and MAP to \$250 million annually. The price of the equipment to be sold is based on the condition of the items as described in DOD Instruction 2140.1 and range from a high of 50 percent of original acquisition value for new equipment to a low of 5 percent for equipment in need of repairs. This price range applies to defense articles which are not intended to be replaced. Section 21 (a)(2) of the AECA requires the purchaser to pay the replacement cost of defense articles which are intended to be replaced. The following schedule shows the Excess Defense Articles sold under the FMS Program.

## EXCESS DEFENSE ARTICLES SOLD UNDER FOREIGN MILITARY SALES (Dollars in Thousands)

	FY 19		FY 1978		FY 1979 Acquisition Sales		FY 1980 Acquisition Sales		FY 198 Acquisition	Sales
Country	Acquisition Value	Sales Value	Acquisition Value	Sales Value	Value	Value	Value	Value	Value	Value
Councily	Varue	Varae								. 075
Worldwide Total	96,198	12,473	77,259	12,127	16,533	4,459	51,972	9,640	6,444	<u>1,875</u>
East Asia and										
Pacific:								_	_	_
Australia	17,284	1,609	-		-	_	528	115	_	_
Japan	-	- <b>-</b>	429	53	-	-	v — · ·	380	1,619	180
Korea	16,046	2,228	8 <b>,9</b> 17	932	102	11	1,580	360	1,017	100
New Zealand	9	*	_		_	_	- 10	4	12	7
Philippines	28,641	4,268	15,504	1,656	36	5	18	-	12	
Singapore	-	-	7,343	2,820	9,187	2,447	29,321	7,106	823	242
Taiwan	10,557	1,455	18,135	1,985	1,573	597	6,214	463		
Thailand	528	44	718	345	252	125	370	20	2,237	1,097
Regional Total	73,065	9,604	51,046	7,791	11,150	3,185	38,031	8,088	4,692	1,526
Near East and										
South Asia:										
Iran	1,000	50	-	_	-	-	-	7.00	~	_
Israel	38	19	5,356	736	-	-	7,729	199	-	_
Jordan	-		340	188	-	-	-	-	-	-
Morocco	51	3	_	_	~	_	-	_	70	_
Pakistan	8	3	200	10	1	*	-	-	78	8
Tunisia							631	15		<u>_</u>
Regional Total	1,097	75	5,896	934	1	*	8,360	214	78	8

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## EXCESS DEFENSE AFTICLES SOLD UNDER FOREIGN MILITARY SALES (Dollars in Thousands)

	FY 197		FY 197		FY 197	'9	FY 198	0	FY 198	1
	Acquisition	Sales	Acquisition	Sales	Acquisition	Sales	Acquisition	Sales	Acquisition	
	Value	Value	Value	<u>Value</u>	Value	Value	Value	<u>Value</u>	Value	Value
Europe and Canada	a •									
Canada	135	5	_	_	_	_	103	10	854	114
Denmark	15	1	60	3	_	_	103	10	034	114
France	-	_	-	_	_	_	_	_	4	2
Germany	820	208	_	_	_	_	23	1	-	_
Greece	1,186	164	1,658	147	3,106	523	2,135	558	271	63
Iceland	416	11	630	22	400	15	2,133	220	2/1	0.5
Luxembourg	32	2	49	3	400		_	_	*	*
Norway	-	_	-	_	5	2	_	_		
Portugal	1	*	1	*	_	_	_	_	52	_
Spain	72	8	-	_	_	_	832	42	406	138
Turkey	682	136	10,030	1,003	_	_	100	42	-	130
Yuqoslavia	-	_	338	32	-	_	100	-	_	_
					-		<del></del>			
Regional Total	3,359	<u>535</u>	12,766	1,210	<u>3,511</u>	<u>540</u>	3,193	<u>653</u>	1,588	327
Africa:										
Ethiopia	31	4	-	-	<b>y</b>	_	-	_	_	
Zaire -	-	_	_	_	1,068	53 <b>4</b>	_	_	_	_
Regional Total	31	4		-	1,068	534	_	_	_	_
							<del></del>			
American Republic										
Argentina	11,280	1,128	1,862	569	-	-	-	_	_	-
Polivia	-	_	_	-	*	*	_	_	_	-
Colombia	3,073	447	1,679	782	22	1	_	-	-	-
El Salvador	13	3	-	-	_	-	_	-	-	
Guatemala	88	32	_	-	246	123	_		-	
Haiti	2,048	102		-	378	49	_	_	-	_
Honduras	697	137	1,179	408	-	-	900	236	-	-
Mexico	-	_	2,708	412	_	-	-	-	-	-
Nicaragua	229	80	-	_	_	_		-	_	-
Panama	41	6	40	5	105	17	366	3 <del>9</del>	35	5
Paraguay	77	24	83	17	40	8	426	86	52	10
Uruguay	1,100	295	_	-	-	-	453	140	_	-
Venezuela							242	184		
Regional Total	18,646	2,254	7,551	2,193	791	<u>198</u>	2,387	685	86	<u>16</u>

## EXCESS DEFENSE ARTICLES SOLD UNDER FOREIGN MILITARY SALES (Dollars in Thousands)

	FY 1977		FY 1978		FY 1979		FY 198	0	FY 198	1
	Acquisition Value	Sales Value	Acquisition Value	Sales Value	Acquisition Value	Sales Value	Acquisition Value	Sales Value	Acquisition Value	Sales Va <u>lue</u>
International Organizations	<del>_</del> _		_ <del>_</del> _		13	3		=		

\*Less than \$500.

Note: As of September 30, 1981. Totals may not add due to rounding.

### STOCKPILING OF DEFENSE ARTICLES FOR FOREIGN COUNTRIES

Section 514(b) of the FAA of 1961, as amended sets an annual ceiling on the value of additions to stockpiles of defense articles located abroad that may be set aside, earmarked, reserved, or otherwise intended for use as war reserve stocks for allied or other foreign countries (other than those for NATO purposes). Existing legislation sets ceilings of \$130 million in fiscal year 1982 and \$125 million in fiscal year 1983 on the value of such additions. Defense articles added to stockpiles under this ceiling will come from existing stocks.

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The defense articles in these stockpiles remain U.S. military service—owned stocks. As the term "war reserve" implies, these stocks are intended for use only in emergencies. All of the additions under the fiscal year 1983 ceiling would be for the Republic of Korea, and some of the stocks would be stored, under agreed arrangements, at Korean Government facilities. (The International Security Assistance Act of 1979 authorized the establishment of new stockpiles at Korean facilities.) In all cases, title to and control of the additions would remain with the U.S. Government. Any transfer to Korea is required by section 514(a), of the FAA, to be in accordance with the provisions of the security assistance legislation prevailing at that time.

Some of the additions in fiscal years 1982 and 1983 may consist of overseas U.S. defense stocks currently identified as war reserves for U.S. Armed Forces which would be identified in fiscal years 1982 and 1983 as war reserves for Korea, but not wholly relocated into that country in these years. When relocated to Korea, their value will not be counted a second time against a limitation in section 514(b)

VALUE OF ANNUAL ADDITIONS TO WAR RESERVE STOCKS
FOR ALLIES AUTHORIZED
(Dollars in Thousands)

Fiscal year	Amount
1977	\$125,000
1978	270,000
1979	90,000
1 <b>98</b> 0	95,000
1981	85,000
1982 Estimated	130,000
1983 Proposed	125,000

Source: DOD's Congressional Presentation Document (Security Assistance Program fiscal year 1983.)

### OVERSEAS MILITARY PROGRAM MANAGEMENT

In all but a few foreign countries where programs are extremely small and uncomplicated, supervision and coordination of U.S. military security assistance activities is accomplished by Department of Defense personnel. These personnel, responsible to the Chief of the U.S. Diplomatic Mission, maintain direct liaison with the U.S. Diplomatic Mission and the foreign defense establishment on security assistance matters; advise and assist the Chief of the U.S. Diplomatic Mission on such matters; and advise, assist and plan with the foreign defense establishment as may be appropriate. These personnel implement international defense cooperation relationships which include such interrelated activities as armaments cooperations projects to promote rationalization, standardization and interoperability, in-country management of foreign military sale cases, data exchange agreements, military exercises, memoranda of understanding, host nation support, arrangements, evaluation, and planning of the host government's military capabilities and requirements.

Proposals for fiscal year 1983 include separate organizations dedicated solely to the security assistance mission in 49 countries. In 36 other countries administration of security assistance activities is carried out by the U.S. Embassy or the Defense Attache Office. Administrative costs are reimbursed from amounts received for sales under sections 21, 22, and 29 of the AECA.

### ABBREVIATIONS OF OVERSEAS PROGRAM MANAGEMENT ORGANIZATIONS

- Defense Attache Office DAO JUSMAAG - Joint U.S. Military Assistance Advisory Group - Joint U.S. Military Advisory Group JUSMAG - Joint U.S. Military Aid Group JUSMAG JUSMMAT - Joint U.S. Military Mission for Aid to Turkey - Kenya-U.S. Liaison Office KUSLO LIBMISH - U.S. Military Mission, Liberia - Military Assistance Advisory Group MAAG MAP - Military Assistance Program, Sudan MILGP - Military Group MUSLO - Morocco-U.S. Liaison Office ODC - Office of Defense Cooperation ODRP - Office of Defense Representation, Pakistan OMC - Office of Military Cooperation SAMS - Security Assistance Management Staff USDLG - U.S. Defense Liaison Group - U.S. Liaison Office, Kuwait USLOK USLOT - U.S. Liaison Office, Tunisia USMDAO - U.S. Mutual Defense Assistance Office USMILGP - U.S. Military Group USMLO - U.S. Military Liaison Office USMTM - U.S. Military Training Mission ZAMISH - U.S. Military Mission, Zaire

## OVERSEAS MILITARY PROGRAM MANAGEMENT a/ (Dollars in Thousands)

Country	Organization	FY 1978 b/	FY 1979	FY 1980	FY 1981	Estimated FY 1982	Proposed FY 1983
EAST ASIA & PACIFIC:							
Australia	DAO	61	59	59	83	115	124
Burma	DAO	-	2	3	3	15	20
Indonesia	USDLG	2,001	1,595	1,674	1,866	2,139	1,953
Japan	USMDAO	997	1,087	1,049	1,015	1,324	1,569
Korea	JUSMAG	6,512	6,462	6,963	7,722	10,182	11,475
Malaysia	DAO	36	28	15	104	104	92
New Zealand	-	-	2	1	2	5	7
Philippines	JUSMAG	1,641	1,382	1,517	1,633	2,009	2,286
Singapore	DAC	42	48	58	48	74	79
Taiwan	_	511	421	-	-	-	-
Thailand	JUSMAG	2,317	1,748	1,794	2,122	2,932	5,065
Regional Total		14,118	12,834	13,133	14,597	18,899	22,670
NEAR EAST AND SOUTH ASI	<u>A</u> :						
Afghanistan	DAC	_	5		-	-	-
Pangladesh	DAO	-	2	3	10	27	8
Egypt	OMC	-	499	902	2,721	3,587	3 <b>,38</b> 3
India	ODC	173	219	218	214	279	296
Iran	ARMISH/MAAG	228	191	~	-	-	-
Israel	-	_	-	-	1	3	3
Sudan	MAP	706	792	886	1,093	1,269	1,395
Kuwait	USLOK	122	82	201	93	96	104
Lebanon	DAC	_	6	89	112	127	230
Morocco	MUSIC	798	831	873	1,092	1,427	1,739
Nepal	-	-	1	2	4	13	9
Oman	OMC	_	-	124	269	347	5 <b>4</b> 4
Pakistan	ODRP	488	467	426	592	762	83 <b>4</b>
Saudi Arabia	USMTM	412	418	454	608	718	775
Sri Lanka	DAO	_	4	4	8	15	77
Tunisia	USLOT	376	385	491	584	694	874
United Arab Emirates	USLO	-	_	-	340	521	826
Yemen	OMC	74	763	<u> 753</u>	<u>992</u>	1,207	1,169
Regional Total		3,377	4,665	5,426	8,733	11,092	12,266

## OVERSEAS MILITARY FROCRAM MANAGEMENT a/ (Dollars in Thousands)

Country	Organization	FY 1978	FY 1979	FY 1980	FY 1981	Estimated FY 1982	Proposed FY 1983
EUROPE:							
Austria	DAO	59	88	103	138	147	176
Belgium	ODC	427	5 <b>4</b> 7	572	640	737	908
Denmark	ODC	257	312	361	387	465	673
Finland	_	_	-	1	2	3	3
France	ODC	449	486	564	567	588	630
Germany	ODC	804	895	1,030	870	1,022	1,081
Greece _	<i>JUSM</i> AG	1,617	1,646	1,836	2,074	2,556	2,561
Italy	ODC	453	547	5 <b>34</b>	542	627	840
Netherlands	CDC	278	329	391	467	593	663
Norway	ODC	238	227	260	297	37 <del>9</del>	397
Portugal	MAAC	538	653	748	883	1,051	1,205
Spain	JUSMAAG	1,080	1,280	1,308	1,242	1,671	2,176
Switzerland	DAO	_	4	4	4	5	4
Turkey	TAMMRUL	3,597	3,384	3,229	4,250	5,160	5,801
United Kingdom	DAO	122	127	140	146	191	190
Yugoslavia	CAC			58	110	162	163
Regional Total		9,919	10,525	11,139	12,619	15,357	17,471
AFRICA:							
Chad	DAO	-	2	-	_	_	_
Ghana	DAO	5	4	5	15	20	21
Ivory Coast	_	-	_	2	2	6	6
Kenya	KUSLO	_	-	<b>4</b> 30	396	501	591
Liberia	LIPMISH	630	603	611	748	863	1,775
Nigeria	DAO	15 <b>1</b>	178	35 <b>6</b>	672	282	702
Senegal	_	-	9	12	12	11	11
Somalia	OMC	_	-	~	215	360	376
Suđan	OMC		242	330	495	960	1,132
Zaire	ZAMISH	<u> </u>	666	855	1,185	1,361	1,939
Regional Total		1,503	1,704	2,601	3,740	4,364	6,553

## CVERSEAS MILITARY PROGRAM MANACEMENT a/ (Dollars in Thousands)

Country	Organization	FY 1978	FY 1979	FY 1980	FY <u>1981</u>	Estimated FY 1982	Proposed FY 1983
AMERICAN REPUBLICS:							
Argentina	MILCP	511	677	823	1,163	1,376	1,649
Barbados	USMLO	_	_	18	113	151	135
Polivia	MILGP	534	512	552	55	-	390
Prazil	SAMS	2,091	433	<b>4</b> 27	428	484	524
Chile	MILGP	429	430	_	-	_	-
Colombia	MILGP	501	5 <b>4</b> 2	58 <b>4</b>	789	792	825
Costa Rica	ODC	97	122	182	196	189	281
Dominican Republic	MAAG	188	248	247	354	430	464
Ecuador	USMLO	201	267	304	365	455	<b>4</b> 71
El Salvador	MILGP	265	243	304	422	673	632
Guatemala	MILGP	228	238	386	338	358	335
Haiti	DAO	27	40	40	<b>4</b> 8	70	90
Honduras	MILGP	222	292	431	479	5 <b>2</b> 5	584
Jamaica	USMLC	-	_	_	-	204	279
Mexico	DAO	24	30	39	51	<b>14</b> 5	222
Nicaragua	USMLO	256	189	128	215	228	421
Panama	MILGF	370	436	495	379	497	687
Paraguay	ODC	282	296	334	387	447	535
Peru	MAAG	293	281	283	325	463	530
Uruquay	CDC	263	301	412	418	520	574
Venezuela	MILCP	<u>453</u>	540	576	627	<u>781</u>	980
Regional Total		7,235	6,117	6,565	7,152	8,788	10,608
Worldwide Total		36,152	35,845	38,864	46,841	58,500	69,568
Reimbursement		28,920	28,827	31,676	28,970	39,882	45,568
Net Expense		7,232	7,018	7,188	17,871	18,618	24,000
*Less than \$500.			<del></del>	<del></del> ···			

a/Administrative costs are reimbursed from amounts received for sales under sections 21, 22, and 29 of the AECA. b/Statistics for fiscal year 1977 not readily available.

Note: As of September 30, 1981.

Totals may not add due to rounding.

### CONSTRUCTION COSTS FOR OVERSEAS BASES

The United States continues to develop and maintain a formidable foreign military base system. The trend in base construction overseas has been for the host country to own the real property and all improvements made by the U.S. Government to that property. Once the United States completes construction of a base or makes other real property improvements the foreign government normally takes title to them, and the United States has access to the property in accordance with a signed agreement. In some instances, the United States has exclusive base rights, while in others, the base is shared with armed forces of the host country. The U.S. Government retains title to equipment, materials, relocatable structures, etc., which are not incorporated into the real property.

In situations where the United States, for whatever reason, withdraws from a base it occupies, generally all real property improvements made by the United States would revert to the host country since they have title, and thus ownership, to the property and its permanent fixtures. In some countries, notably Germany and Japan, the United States would receive compensation for improvements or new construction. However, compensation could be reduced by the amount required to restore host country-provided facilities returned by U.S. forces. As a further stimulus to the host country's economy, many agreements call for the United States to use contractors in the host country to build the facilities. This is an indirect form of assistance because local construction materials are used and it creates jobs.

Since 1977, the United States has increased its construction costs for overseas bases. U.S. construction costs of \$2.1 billion have been proposed for fiscal year 1983. The following list shows DOD's military construction appropriations in fiscal years 1977-1982.

# MILITARY CONSTRUCTION APPROPRIATIONS FOR U.S. FACILITIES OVERSEAS 1/ (Dollars in Thousands)

(Dollars in Thousands)								
							Total	
Country	FY1977	FY1978	FY1979	FY1980	FY1981	FY1982	FY1977-82	
Bahrain				_		1,400	1,400	
Belgium	-	_	-	3 <b>,6</b> 00	-	-	3,600	
Canada	_	-	-	-	~	280	280	
Cuba	-	-	_	210	480	5,900	6,590	
Diego Garcia	-	7,300	-	-	131,877	237,740	376,917	
Egypt	-	_	<b>96</b> 0	30		106,400	107,3 <b>9</b> 0	
Germany	82,649	253,695	213,094	127,960	156,280	285,163	1,118,841	
Greece	1,000	-	310	1,500		800	3,610	
Greenland	495	-	-	315	-	1,600	2,410	
Iceland	9,009	161	6,230	17,650	49,200	6,790	89,040	
Italy	2,988	13,270	15,730	12,020	480	75,090	119,578	
Japan	124	3,698	12,999	2,700	33,890	31,380	84,791	
Kenya	-	22,518	21,953	30	-	30,500	75,001	
Korea	16,124	_	_	1,460	107,215	118,803	243,602	
Kwajalein	_	2,603	6,571	2,900	6,280	3,240	21,594	
Netherlands	1,400	4,700	3,597	3,300	_	4,860	17,857	
New Zealand		_	_	_	_	1,250	1,250	
Oman	-	-	-	-	-	78,480	78,480	
Panama	281	2,384	718	25,660	3,900	-	32,943	
Philippines	-	-	1,086	410	13,280	29,090	43,866	
Portugal	_		1,663	510	24,600	46,570	73,343	
Puerto Rico	4,160	170	6,258	2,347	12,882	2,760	28,577	
Somalia	-	-	-	-		24,000	24,000	
Spain	_	4,200	4,050	7,700	870	9,690	<b>26,51</b> 0	
Turkey	3,300		516	_	15,670	28,510	47,996	
United Kingdom	39,832	36,550	3,190	15,300	25,060	73,105	193,037	
Virgin Islands	_	-	-	_	_	564	564	
Wake Island		_	114		-	14,500	14,614	
Various, Europe		_	~	-	8,801	13,422	22,223	
Various, Pacific								
Command	_	_	~-	-	-	1,250	1,250	
Guam	6,031	1,453	2,060	4,760	2,390	_	16,694	
Bermuda	_	_	4,300	860	2,580	_	7,740	
South West Asia		-	-	_	105,000	_	105,000	
Seychelles	_	_		550	_	_	550	
Australia		-	-	2,500	-	_	2,500	
Total	\$167,393	\$352,702	\$305,399	\$234,272	\$700,735	\$1,233,137	\$ 2,993,638	

<sup>\*</sup>Less that \$500.

 $<sup>\</sup>underline{1}/NATO$  infrastructure appropriations not included, see page 65. Note: As of September 30, 1981. Totals may not add due to rounding.

## SUPPORT OF INTERNATIONAL MILITARY ACTIVITIES

The United States provides funds for numerous international military activities. The NATO Infrastructure Program is funded through the DOD Military Construction Program and pays for the U.S. share of NATO military facilities construction costs. The Support for Other Nations is funded through the annual appropriations of the military departments and pays the costs of U.S. military personnel assigned to international military organizations such as the U.S. mission to NATO and for other military activities overseas. The table below shows the amounts provided for the NATO Infrastructure Program and Support for Other Nations from fiscal year 1977 to fiscal year 1982.

FISCAL YEAR	NATO INFRASTRUCTURE PROGRAM a/(Dollar	SUPPORT FOR OTHER NATIONS a/ s in Thousands)	TOTAL
1977	\$ 76,000	\$ 59,771	\$ 135,771
1978	81,000	79,166	160,166
1979	173,000	80,254	253,254
1980	150,000	89,254	239,254
1981	250,000	119,600	369,600
1982	345,000  b/	138,700 b/	483,700
Total	\$ <u>1,075,000</u>	\$566,745	\$1,641,745

a/Appropriation b/Amount requested

### AIR BASE CONSTRUCTION IN ISRAEL

As a result of the Camp David Accord and the Israeli-Egyptian Peace Treaty, the United States is committed to assist Israel to construct two airfields in the Negev Desert. These airfields will replace installations in the Sinai Desert from which the Israelis withdrew as part of the peace treaty between the two countries.

The Congress appropriated \$800 million for this project for fiscal year 1979. Any additional costs above the \$800 million will be provided by the Government of Israel. Current estimates place the eventual cost of this project at \$1.077 billion.

DOD has assigned the U.S. Army Corps of Engineers the role of Construction Agent and the U.S. Air Force has the role of Program Manager and Liaison with the Israeli Government. The Corps has been responsible for the planning, design, and construction of the airfields.

## FINANCIAL ARRANGEMENTS USED IN THE SALE OF MILITARY EQUIPMENT

Financial incentives and arrangements have been established to enhance the sale of military hardware to foreign countries or to allow countries to continue buying from U.S. sources. These include: FMS waivers for non-recurring charges, "cash flow" method of financing, dependable undertakings, FMS defaults and debt rescheduling, and Export-Import bank loans.

These arrangements, except for dependable undertakings, are considered as additional forms of assistance because they either reduce the amount of cash expected to be received by the U.S. Government from a sale or may require future appropriations if countries default on existing loans. For example, while waivers do not affect the expenditure of security assistance funds in the current budget, each waiver issued represents a subsidy to the purchasing country.

Many of the countries purchasing military equipment are heavily dependent on FMS financing. Cash-flow financing and dependable undertakings in anticipation of future FMS credits commit countries and the United States to larger programs than would normally be undertaken. Additionally, such arrangements appear to commit the Congress to more support than annual appropriations would allow.

Finally, the information included under debt rescheduling and outstanding Export-Import bank credits reflects problems some countries are experiencing in repaying credits extended in prior years. Defaults on FMS and Export-Import bank loans may result in increased debt forgiveness or rescheduling at subsidized rates in the future.

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#### FMS WAIVERS

The AECA mandates that unless a waiver is issued, DOD must charge customers for the administrative and development costs associated with producing and selling military hardware. Further, DOD policy requires the Defense Security Assistance Agency (DSAA) to charge royalty fees for U.S. technical data packages used in military hardware production outside the United States.

Recoupment of administrative surcharges, royalty fees, and non-recurring costs can be waived by DSAA when it is considered in the best interest of the United States. For example, Section 21 (e)(2) of the AECA authorizes the issuance of a waiver for the recoupment of non-recurring research and development costs when the sale would significantly advance the U.S. Government in NATO standardization, standardization with the Armed Forces of Japan, Australia, or New Zealand or provide procurement in the United States under coproduction agreements. Further, Section 27 of the AECA provides that the President may reduce or waive the charges for cooperative projects under which NATO, or one or more countries thereof, agrees to share with the United States the cost of research and development, testing, and evaluation in order to further the objectives of rationalization, standardization and interoperability of the North Atlantic Treaty Organization.

## Value of waivers issued since fiscal year 1977

DSAA estimates the value on issued waivers since fiscal year 1977 exceeds \$782 million. Of this amount, \$764.5 million are charges for non-recurring costs for research and development, \$11.8 million for royalty fees on technical data packages, and \$6.6 million for administrative surcharges. We were told by DSAA officials that determining the value of a waiver is difficult since it is issued before an FMS case is accepted and is based on either the total projected value of the "accepted" case or the number of units involved. In some instances, the countries involved cancel cases and do not realize the full value of the waiver.

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Table 1 identifies the countries and estimated value of waived royalty fees on technical data packages and table 2 identifies waived charges for non-recurring research and development costs.

Estimated Values of Waived Royalty Fees for

Technical Data Packages
(Dollars in Thousands)

		FY1978	FY1979	FY1980	FY1981	<u>FY1982</u> a/	Total
Korea	-	-	289	-	-	_	289
Spain	-	-	-	63	-	-	63
Greece	-		-	52	184	-	236
Germany	-	-	-	4,750	-	~	4,750
Pakistan	-	-		11	-	-	11
Turkey	-	-	-	*	-	~	*
Italy	_	<del>-</del>	-	185	_	~	185
Canada		<del></del>		4,485		~	4,485
Egypt	-	<del></del>	-	1,772	. <b>-</b>	-	1,772
Denmark				_		1	1
		_	289	11,318	_184	1	11,792

<sup>\*</sup>Value not identified when the waiver was issued.

 $<sup>\</sup>underline{a}/As$  of March 31,1982.

TABLE 2

Estimated Values of Waived Charges for Non-recurring Costs (Dollars in Thousands)

Country	<u>FY1977</u>	FY1978	FY1979	FY1980	FY1981	FY1982	Total
Australia	_	_	_	_	878	253	1,131
Canada	100	-	-	564	73,696		74,360
Denmark		_	_	661	-	965	1,626
Egypt	_	_	_	3,600	-	-	3,600
Germany (FRG)	_	725	_	6,654	1,250	901	9,530
France	_	-	_	688	156	_	844
Greece	_	-	1,668	2,318	~	-	3,986
Italy	-	~	-	1,533	-	-	1,533
Luxembourg	_	~	12	· _	-	-	12
Netherlands	_	7,700	5,424	2,894	2,515	2,207	20,740
Norway	<del>-</del>	-	-		· -	530	530
Turkey		~	3,741	441	3,362	1,208	8,752
United Kingdom	28,500	735	4,261	-	92,928	· -	126,424
NATO (Consortium)	468,000 a/	5,585	21,627	-	2,259	-	497,471
EPG (European	_						
Participating							14 000
Governments-F16)		14,900					14,900
Total	496,600	29,645	36,733	19,353	177,044	6,064	765,439
10001						<u></u> _	

 $<sup>\</sup>underline{a}/\mathrm{This}$  waiver was issued for the Airborne Warning and Control System (AWACS) coproduction as provided for by congressional legislation.

#### "CASH FLOW" METHOD OF FINANCING

Under the normal credit program authorized for most FMS customers, orders must not exceed the amount of authorized credit. Under the so-called "cash flow" method of financing, more orders can be placed sooner than would ordinarily be possible under a normal credit system, thereby, stretching buying power.

The cash flow financing system as compared to the normal full funding FMS program works as follows. When a weapon system is purchased, a Letter of Offer and Acceptance is signed by the buyer spelling out the equipment delivery and the payment schedule. While the total cost of an item may be hundreds of millions of dollars, not all the money will be paid in the first year after the contract is signed. Major systems have a long lead time before delivery, usually several years, and payments will be spread out over this time period. Under normal FMS financing procedures with most countries, the United States requires that the buyer reserve, or set aside, the full cost of the item when the order is placed. This means that if an item costs \$100 million, FMS credits of \$100 million must be set aside when the Letter of Offer and Acceptance is signed. Under the cash flow system only the amount of money needed to meet the current fiscal year's cash requirement is set aside. That same \$100 million item, for example, may only require \$50 million the first year. So only \$50 million is set aside and the other \$50 million is available to place additional orders up to the limit of its cash requirement during that year. At this time, only Israel and Egypt are permitted to use the cash flow method of financing. We reported on the use of cash flow financing for Egypt in 1982. a/ Under this system, the United States has allowed Egypt to order \$3.5 billion of military equipment in the first 3 years of the program (1979 through fiscal year 1981), even though \$2.05 billion in credits had been allocated for Egypt. Without cash flow, Egypt could have purchased, through the end of fiscal year 1981, F-4s (\$500 million), F-16s (\$1 billion), air defense batteries (\$600 million), and nothing else. Those three programs would have used up all available credits. No money would have been available until the following year for tanks, personnel carriers, missiles, and other urgent Egyptian needs.

By authorizing this cash flow system, the United States has permitted Egypt to buy much more equipment than would ordinarily be possible. On the other hand, it has made a deeper U.S. commitment without congressional approval for future support. The FMS credit program is the only likely source of funding to meet obligations coming due for orders already placed and for which full program costs have not been set aside.

a/GAO Report to the Congress "Forging a New Defense Relationship with Egypt" (ID-82-15; Feb. 5, 1982).

We did not evaluate the cash flow financing system used for the Israel program. State and Defense officials told us that it closely parallels Egypt's system but has an even more open-ended authorization in that it does not have a total dollar ceiling.

#### DEPENDABLE UNDERTAKINGS

Section 22 of the AECA authorizes the use of dependable undertakings for eligible foreign governments and international organizations. Dependable undertakings is one in a number of "terms of sale" used to sell defense equipment. Dependable undertakings are generally used with new procurement contracts. With dependable undertakings the foreign government or international organization makes periodic payments in such amounts and at such times as required by the contract. The U.S. Government collects the cash in advance and makes payments to the contractor on behalf of the foreign country. This contrasts with sales from DOD stock which requires the full costs of the equipment to be paid in advance. According to DOD officials, a termination liability account is set up for each case which shields the United States against any damages or costs that may accrue from the cancellation of the contract.

A critical element to dependable undertakings is DOD's determination that the foreign government or international organization will have the economic resources to fulfill its commitment. When a determination is made, it is implied that the foreign country will be able to make its payments on schedule. The information was not readily available at DOD for us to determine which countries are using dependable undertakings; however, we have identified those eligible countries which have previously defaulted on loans (see p. 76) or had debts rescheduled (see p. 77).

Following is a list of the 76 countries and I international organization which were authorized dependable undertakings as of October 1981.

#### Africa

### Near East and South Asia

Botswana Cameroon Kenya Liberia Europe	Morocco Nigeria Sudan Tunisia	Bahrian Bangladesh Egypt India Israel Jordan	Nepal Pakistan Oman Qatar Saudi Arabia The United Arab Emirates
		Kuwait	Yemen Arab Republic
Austria	Malta	Lebanon	-
Belgium	Netherlands		
Denmark	Norway	Western Hemis	phere
France	Portugal		<del></del>
Germany	Spain	Bahamas	Haiti
Greece	Sweden	Barbados	Honduras
Iceland	Switzerland	Brazil	Jamaica
Ireland	Turkey	Canada	Mexico
Italy	United Kingdom	Colombia	Panama
Luxembourg	Yugoslavia	Costa Rica	Peru
		Dominica	St. Lucia
Far East		Dominican Republic	St. Vincent
Australia	New Zealand	Ecuador	Surinam
Brunei	Philippines	El Salvador	Trinidad and Tobago
Indonesia Japan	Singapore Taiwan	Guatemala	Venezuela
Korea Malaysia	Thailand	International	Organizations

NATO (North Atlantic Treaty Organization and its agencies)

#### FMS DEFAULTS AND DEBT RESCHEDULINGS

February 1982 statistics show that 13 countries were in default on FMS loans. Three countries, Bolivia, Nicaragua and Ethiopia defaulted on payments in fiscal year 1980 and eight countries, Costa Rica, El Salvador, Liberia, Senegal, Sudan, Tunisia, Turkey and Zaire defaulted in fiscal year 1981. Lebanon and Morocco, which together constitute about 67 percent of the \$28.9 million in defaulted amounts did not make required payments when due in fiscal year 1982.

We were told by DSAA officials that the listing of countries in default changes monthly and most countries do not stay in default in excess of 12 months. They said that some countries, such as Morocco, will pay the defaulted amount as soon as the United States notifies the government that future assistance will be terminated. As of April 1982 only Bolivia, Nicaragua, Ethiopia, and Zaire had not made payments for over 12 months. Ethiopia, according to DSAA officials, defaulted on over \$4 million in direct loans in December 1979 and cannot reschedule its loans due to limited diplomatic relations with the United States. However, Zaire which defaulted on \$2 million in direct loans and \$104,000 in guaranteed loans (see table 1) is undergoing debt rescheduling. In addition, we were told that Sudan and Liberia are expected to complete their debt rescheduling arrangements during fiscal year 1982.

#### Rescheduled loans

DOD has debt rescheduling arrangements with several FMS customers who have missed loan payments for interest and principal. These rescheduled amounts which become new loans are identified in table 2. The amounts identified include the missed payments, the principals for the new loans, and the amount of interest to be paid over the life of the loans. The rate of interest is determined from averaging the interest rates associated with the defaulted payment.

COUNTRIES IN DEFAULT OF FMS GUARANTEED LOANS a/
(Dollars in Thousands)

Country	FY 1980	FY 1981	FY 1982 b/	<u>Total</u>
Bolivia	8	1,653	789	2,450
Nicaragua	389	-	-	389
Costa Rica		4	<b>59</b> 0	594
El Salvador	_	316	637	953
Liberia	-	287	478	765
Senegal	-	789	-	789
Sudan	_	1,093	2,313	3,406
Tunisia	-	3	-	3
Turkey	_	8	_	8
Zaire	-	104	-	104
Lebanon	_	_	1,034	1,034
Morocco			18,370	18,370
Total	<u>397</u>	4,257	24,211	28,865

a/The only countries in default on Direct Credit
Loans are Ethiopia (\$4 million) and Zaire
(\$2 million).

b/As of February 1982.

TABLE 2

RESCHEDULED FMS LOANS

Rescheduled Direct Credit Loans a/

						FY1978				
						to		Balance		
Country	FY1978	FY1979	FY1980	FY1981	FY1982 b/	FY1982	Repayments b/	due_b/_		
				(Dolla	rs in Thousa	nds)				
						400	0	400		
Liberia	_	-	-	488	-	488	0	488		
Peru	_	281	281	-	-	562	59	503		
Turkey	7,098	20,360	43,215	43,418	10,087	124,178	5,156	119,022		
Zaire	5,098	482	12,669	2 <b>,</b> 989		21,238	2,517	18,721		
Total Direct	12,196	21,123	56,165	46,895	10,087	146,466	7,732	\$138,734		
Rescheduled Guaranty Loans a/										
	FY1978									
						to		Balance		
Country	FY1978	FY1979	FY1980	FY1981	FY1982 b/	FY1982	Repayments b/	due_b/		
				(Dolla	rs in Thousa	nds)				
Liberia	_	-	-	963	472	1,435	0	1,435		
Peru	-	4,419	4,417	-	-	8,836	881	7,,955		
Turkey	12,627	46,949	82,094	96,543	48,878	287,091	11,120	2 <b>75,97</b> 1		
Zaire <sup>*</sup>	10,491	· -				10,491	4,850	5,641		
	<del></del>		<del></del>				-4			
Total Guaranty	23,118	51,368	86,511	97,506	49,350	307,853	16,851	291,002		
Total Direct & Guaranty Loan										
Rescheduled	35,314	72,491	142,676	144,401	59,437	454,319	24,583	429,736		

a/There was no FMS rescheduling in Fiscal Year 1977.

b/As of February 1982.

## EXPORT-IMPORT BANK SPECIAL LOANS OUTSTANDING

The Export-Import Bank of the United States was created in 1934 to provide financing support to aid U.S. export sales. Export-Import Bank direct credits may be utilized for sales of defense items only to developed countries. Section 32 of the AECA specifically prohibits the Bank from using its credit resources for the sale of defense items to economically less developed countries.

The following table shows military equipment loans outstanding as of December 31, 1981.

Country		Outstanding Balance in Thousands)	Date <u>Authorized</u>	Term in years	Interest Rate %
Iran <u>a</u> /	\$ 60,000 21,429 71,429 60,000 114,286	\$ 10,000 8,571 28,571 40,000 85,174	7-01-71 6-29-72 10-26-72 6-04-73 8-16-73	9 9 8 8 11	6 6 6 6
Spain <u>b</u> /	\$327,144 50,051 4,150 \$ 54,201	\$172,316 329 <u>1,061</u> \$ 1,390	6-30-70 6-30-70	9 9	6 7 1/2
New Zealand Total	<u>4,619</u> \$385,964	\$174,236	6-24-72	12	6 1/2

a/The Bank accelerated these loans December 21, 1979 on the basis of defaults on scheduled repayments.

b/Loans have been amended, and final payments are due March 31, 1984.

APPENDIX V

#### ACTIVITIES WHICH SUPPORT OTHER COUNTRIES

This appendix includes a number of activities which increase U.S. sales of military hardware and support the defense industrial capabilities and economies of foreign countries. Specifically, these activities include equipment coproduction, procurement offset arrangements and purchasing foreign products from third countries with FMS credits. These activities receive limited congressional oversight and cannot be defined as direct assistance even though they help develop economies and defense industries of foreign countries.

According to DOD officials, coproduction and associated offsets require congressional notification, under Sections 27(c) and 36 (b) of the AECA. These activities may have an adverse effect on the U.S. economy.

#### COPRODUCTION ARRANGEMENTS

The United States is involved in extensive coproduction arrangements with a variety of countries. Some are allies and industrialized countries while others are developing countries who want to establish an indigenous defense industrial sector. Twenty-one countries and one international organization are involved, with Japan and West Germany constituting over 65 percent of the projects. Although there has been a significant decline in coproduction arrangements since fiscal year 1979, the United States is still involved in bilateral arrangements valued at over \$8.6 billion.

The coproduction projects identified in this section include any programs wherein the U.S. Government, pursuant to a duly authorized government-to-government agreement enables an eligible government, international organization, or designated commercial producer to acquire the technical information and "know-how" to manufacture or assemble in whole or in part an item of U.S. defense equipment. It includes projects which have resulted from government-to-government discussions or negotiations, whether recorded in FMS Letters of Offer and Acceptance, Memorandums of Understanding, other international agreements, or exchange correspondence. It does not include projects which have been proposed by U.S. industry for purely commercial reasons, and in which the Government is involved only to the extent of providing approvals required under Section 38 of the AECA and the International Traffic in Arms Regulation.

The following presents DSAA's estimated values for coproduction arrangements between the United States and foreign governments since fiscal year 1977.

#### ESTIMATED VALUES OF COPRODUCTION ARRANGEMENTS a/

							FY 1977
							to
Country	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1982 b/	FY 1982
			(Doll	ars in Mill	ions)		
Australia	~	_	106.0	_	_	-	106.0
Austria	-	-	198.0	-	_	-	198.0
Belgium	52.0	14.0	**		-	-	66.0
Germany (FRG)	534.0	2,329.0	-	_	_	_	2,863.0
Greece	14.5	39.5	4.4	110.0	30.5	-	198.9
Israel	-	.3	.3	.3	13.1	.3	14.3
Itally	-	39.3	_	32.0	_	_	71.3
Japan	62.0	2,636.0	122.0	-	-	_	2,820.0
Korea	-	35.0	653.0		-	_	688.0
Netherlands	.1	_	63.6			-	63.7
Philippines	_	1.0	.9	.9	.9	.9	4.6
Singapore	-	3.6		-	_	-	3.6
Spain	-	-	-	60.0	_	-	60.0
Switzerland	157.0	_	481.8	34.0	_		672.8
Taiwan	662.0	_	5.4	-	-		677.4
Turkey	.3		-	_			.3
United Kingdom	_	_	50.0	_	-	-	50.0
NATO Hawk Projec	t -	-	-	-	120.0	-	120.0
Total	1,481.9	5,097.7	1,685.4	237.4	164.5	1.2	8,667.9
		7-1-1					-

 $<sup>\</sup>underline{a}/\text{Not}$  all coproduction agreements are included. Although some arrangements with Canada, Norway, Greece, Korea, and Thailand have been authorized, the estimated value of the agreements have not been determined.

b/As of April 1982.

#### OFFSET ARRANGEMENTS

Offsets are foreign customer demands as a condition for the purchase of military equipment. Offset arrangements normally require technology transfers, investments, and/or subcontracts in a foreign country as the condition for the sale. The demand for a share of the production is becoming an increasingly common aspect of international procurement negotiations. Because of intense competition, offset concessions are reaching higher levels and causing concern relative to the weakening in the U.S. defense industrial mobilization base.

#### U.S. Government Offsets

In the past, DOD took the lead in negotiating offset arrangements. Presently, DOD's policy regarding offset arrangements with other nations is not to enter into such arrangements unless there is no other feasible alternative to successfully complete transactions of significant importance to U.S. national security interests. DOD believes that offsets involve business decisions better left to the private sector. Although DOD expresses its opposition to offsets, it enters into bilateral and other arrangements which tend to create offset obligations for U.S. industry. Bilateral agreements, reciprocal defense procurement, and memoranda of understanding covering some form of offsets exist between the United States and:

- Canada

- Australia

- United Kingdom

- Norway

- France

- Egypt

- Italy

- Switzerland

- Netherlands

- Israel

- Belgium, Denmark, Norway,

and the Netherlands

In agreements with these countries, the United States has waived the "Buy American" Act. More significant offsets have been granted by the U.S. Government in the F-5E sale to Switzerland, F-16 sale to Belgium, Norway, Denmark, and the Netherlands, NATO-Airborne Early Warning and Control Program and U.S. major weapons systems and defense equipment sales to Australia. The following table shows the extent of these offsets.

APPENDIX V

Country/ Organization	Year	Program	Program Value (Millions)	Offset arrangement
NATO	1978	Airborne Early Warning and Control	\$1,900	U.S. purchase of German vehicles, \$100 million in Ger- man telecommunica- tions equipment for U.S. forces in Ger- many, and placement of AWACS base in Germany.
Switzerland	1975	F-5E	\$ 400	Industry to offset a minimum of 30% of the purchase price of the aircraft. The U.S. Government guaranteed the terms.
Belgium, Norway, Denmark, and the Netherlands	1975	F-16	\$2,800	Guaranteed offset of 58% of their initial F-16 purchase, while U.S. is to seek 100% offset.
Australia	1973	U.S. majo: weapons systems & defense equipment	defense	Combined U.S. industry and Government offsets up to 30% on major Australian defense purchases.

#### Industry offsets

According to preliminary figures obtained from the Treasury Department, U.S. firms over the past 5 years have signed defense-type coproduction agreements worth \$13.9 billion, with associated offsets totaling about \$8.6 billion. Foreign governments often insist upon offset agreements as a condition of sale. If a company were to refuse to enter such agreements, then it is likely that sales of that company would be reduced, since many military items are available from other sources, and potential foreign customers would place their orders elsewhere.

Because of competition between suppliers, offsets are often bid up and can exceed the intial value of the original contract. Such a situation has occurred in the U.S. sale of:

--F-16 fighter planes to Belgium, Denmark, Norway and the Netherlands (100-115% offset),

- --Long Range Aircraft to Canada (135% offset), and
- --F-18 fighter planes to Canada (115-132% offset).

In the sale of fighter planes to Canada, General Dynamics and its F-16 competed against McDonnell Douglas and Northrop and their jointly built F-18. Canada decided to purchase \$2.3 billion worth of F-18A fighter aircraft from McDonnell Douglas. In return, McDonnell Douglas offered offsets between \$2.7 billion and \$3.1 billion. As part of the offset package, Canadian firms will produce components for the F-18, DC-9, and other aircraft. In addition, McDonnell Douglas will establish non-F-18 related industrial capabilities in Canada, help encourage tourism in Canada, and market Canadian exports.

While not a part of any formal offset arrangement, DOD became involved by partially waiving the research and development costs to Canada for the F-18, in return for an increased purchase order by Canada. The research and development costs were estimated to be \$880,000 per plane. This waiver reduced the price of the planes to the Canadians by some \$70 million. While there is a provision for Defense to waive such costs, it constitutes a "subsidy" and sets a precedent for others to follow. Already the European producers of the F-16 are seeking a retroactive waiver of research and development charges and Australia is hoping to get its research and development charges reduced on F-18s it is purchasing.

## <u>Current governmental activities</u> concerning offsets

Presently, there is active lobbying to get the U.S. Government more involved in regulating military coproduction agreements and their associated offsets. Apparently, industry would rather not use offsets but must in order to compete. Defense, among other things, is concerned about the loss of military technology and the need to protect U.S. defense subcontractors. No matter what the reasons, there are current Governmental activities to address offset arrangements including:

- --DOD is forming a study group to review policy toward coproduction and offset agreements.
- -- The Treasury Department is conducting a survey to determine the economic effects which offset programs have had on U.S. industry, labor, and technology over the last 5 years.
- --The Federal Trade Commission is planning hearings on "unconventional" trade methods such as barter and offsets.

#### PURCHASING FOREIGN PRODUCTS WITH FMS FUNDS

Using FMS funds to procure defense items and services outside the United States is prohibited unless a determination to permit offshore procurement is issued under Section 42(c) of the AECA. The Director, DSAA, must make a determination that procurement of defense articles and services outside the United States will not result in adverse effects on the U.S. economy or the industrial mobilization base.

According to a DSAA official, there have been 11 determinations made under Section 42(c) since 1976. It is estimated that the 11 determinations are valued at over \$3.4 billion in FMS funds. However, there is no system for identifying the cost of what is specifically procured offshore under Section 42(c) determinations. Therefore, the \$3.4 billion represents the maximum amount that could legally be purchased under the determinations. The 11 determinations are shown in the following table.

### SECTION 42(c) DETERMINATIONS

Country	Use of funds		Amount of funds	Year
Israel	Procure defense articles and services for construction of air bases	\$	200,000,000	1981
Israel	Procure defense articles and services for a ground-to-ground communications system	\$	27,000,000	1981
Turkey	Procure sewing machines	\$	3,000,000	1981
Liberia	Procure defense con- struction materials and services	\$	490,000	1981
Egypt	Procure CH-47 helicop- ters from Costruzieni Aeronautiche G. Agusta, S.P.A.	\$	63,000,000	1980
Israel	Procure defense articles and services for construction of air bases in Israel and the relocation of Israeli units	\$3	,000,000,000	1979
Zaire	Procure petroleum products in Zaire and Zambia (related to Shaba invasion)	\$	2,000,000	1978
Israel	Procure labor, material, and equipment to manu- facture military equipment	\$	107,000,000	1977
Zaire	Procure petroleum products in Zaire and Zambia	\$	1,042,000	1977
Israel	Procure engines and spare parts for helicopters	\$	10,400,000	1976
Israel	Procure labor, testing and engineering services to manufacture military equipment.	\$	3,730,000	1976

## COMMERCIAL EXPORTS AND LISTING OF TOP MILITARY EQUIPMENT MANUFACTURERS

This appendix lists the commercial exports licensed under the AECA as well as the top 25 companies supplying military equipment under FMS and commercial sales for 1981. Unlike FMS, DOD does not administer commercial sales even though they are an element of security and military assistance for congressional oversight purposes. Commercial sales are licensed under authority provided in Section 38 of the AECA and controlled through the Office of Munitions Control, Department of State.

	FY 1950 to FY 1976	FY 1977	FY 1978	<u>FY 1979</u>	FY 1980	Preliminar FY 1981	FY 1950 y to FY 1981	Estimated FY 1982	Estimated FY 1983
WORLDWIDE	3,720,962	1,523,403	1,676,007	1,526,992	1,911,722	2,064,274	12,423,360	1,791,248	2,084,804
EAST ASIA & PACIFIC	701,014	321,567	405,689	432,257	500,015	572,156	2,932,698	544,053	635,553
AUSTRALIA BRUNEI BURMA	45,557 247 680	11,012 234 26	29,305 886 632	45,421 1,126 7,986	51,131 63 229	35,244 - 203	217,661 2,556 9,756	40,000 1,000 1,000	40,000 1,500 1,000
CHINA	4	1,023	_	_	622	_	1,649	1,000	2,000
FIJI FRENCH POLYNESIA GILBERT ISLANDS	2 57 ~	2	1 10 2	291 -	1 1 -	- - -	5 362 2	-	- -
HONG KONG INDONESIA	2,874 8,990	3,801 5,295	12,167 3,011	16,505 17,011	17,013 6,221	19,234 6,673	71,595 47,201	30,000 10,000	20,000 10,000
JAPAN KAMPUCHEA	3 <b>94,09</b> 5 5	102,823	123,178	196,834	264,892	344,862	1,426,684 5	300,000	400,000
KOREA	25 <b>,49</b> 0	77,169	74,714	60,864	41,459	28,710	308,405	25,000	25,000
LAOS MACAU	4 12	23	_ 4	- 95	- 19	_	4 153	_	_
MALAYSIA	29,389	41,500	63,150	18,209	19,016	29,522	200,785	25,000	25,000
NAURU	9	_	· –	_	208	_	218	· <b>-</b>	_
NEW CALEDONIA NEW HEBRIDES	229 6	7 <b>4</b> 2	103	78 *	2,425	79	2,989 9	50	50 _
NEW TEBRIDES NEW ZEALAND NORFOLK ISLANDS	5,202	3,516	4,433	2,537	6,019	3,709	25,417 *	5,000	5,000
PAPUA NEW GUINEA PHILIPPINES	95 17,7 <b>4</b> 9	188 1 <b>4,</b> 082	39 7,18 <b>4</b>	189 5,589	8 7,954	<b>4</b> 967	523 53,526	3 1,000	3 1,000
PITCAIRN SINGAPORE SOLOMON ISLANDS	31,108	6,652	4,494 59	9,449 46	11,167	22,691 	85,560 105	20,000	20,000
TAIWAN	116,594	46,140	73,637	44,547	57,770	66,731	405,419	75,000	75,000
THAILAND VIETNAM	22,554	8,005	8,677 _	5 <b>,48</b> 0	13,796	13,526	72,039 66	10,000	10,000
WESTERN SAMOA	66 2	-	*	*	*	_ _	2	-	=

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	Preliminary FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Estimated FY 1983
NEAR EAST & SOUTH ASIA	952,806	451,748	478,496	372,432	403,251	304,176	2,962,908	296,800	315,000
AFGHANISTAN	81	132	3	100	281	-	597	_	-
ALGERIA	1,555	187	5	122	-	243	2,112	200	-
BAHRAIN	498	686	126	695	224	1,171	3 <b>,4</b> 00	1,000	1,000
BANGLADESH	150	808	32	16	552	474	2,034	1,000	1,000
EGYPT	652	1,266	6,628	1,258	6,530	4,052	20,385	15,000	30,000
INDIA	12,937	9,132	9,456	9,887	2,833	4,643	48,887	5,000	5,000
IRAN	282,860	138,432	132,651	109,787	7,036	_	670,767	-	-
IRAQ	29	63	139	9	1	-	241	-	
ISRAEL	431,541	221,629	122,992	173,537	271,805	158,080	1,379,585	150,000	150,000
JORDAN	522	3,708	9,337	3,834	53,638	41,653	112,692	50,500	50,000
KUWAIT	6,068	198	2,132	3,283	232	1,307	13,220	5,000	5,000
LEBANON	4,957	2	2,095	3,451	768	1,050	12,324	1,500	1,500
LIBYA	30,595	199	303	_	221	_	31,318	-	_
MOROCCO	5,495	21,616	11,996	8,912	17,385	3,143	68,546	5,000	5,000
NEPAL	48		7	1	67	_	123	-	-
OMAN	1,644	1,146	1,405	639	186	661	5,682	1,500	3,000
PAKISTAN	8,160	4,877	8,521	4,334	4,670	11,108	41,669	5,000	5,000
CATAR	. 60	578	289	3,264	1,018	1,002	6,211	2,000	2,000
SAUDI ARABIA	160,950	44,050	166,278	44,358	28,985	71,540	516,162	50,000	50,000
SRI LANKA	19	21	*	13	33	-	86	- · · -	-
SYRIA	323	40	831	189	1	_	1,384	0	_
TUNISIA	175	2,321	279	3,099	1,687	108	7,669	2,500	500
UNITED ARAB EMIRATES	3 <b>,4</b> 85	658	2,987	1,609	5,085	3,937	17,761	2,000	5,000
YEMEN	<b>5,405</b>	1	2,557	35	14	4	56	100	1,000
		_	2	33		•	30		2,000
EUROPE AND CANADA	1,796,416	663,283	698,536	597 <u>,957</u>	935,489	1,147,263	5,839,944	887,809	1,049,115
AUSTRIA	13,112	1,278	3,244	1,242	5,543	2,260	26,677	5,000	5,000
BELGIUM	61,013	18,030	30,664	35,513	38 <b>,9</b> 55	32,839	217,013	50,000	50,000
BULGARIA	1	-	_	_	_	-	1	-	-
CANADA	343,766	103,937	105,000	83,900	254,597	363,850	1,255,050	150,000	150,000
CYPRUS	25	100	40	113	-	_	279	_	_
DENMARK	31,465	11,177	13,909	7,538	8,961	12,285	85,333	10,000	10,000
FINLAND	3,752	3,898	708	1,806	692	2,342	13,196	4,000	5,000
FRANCE	100,245	31,520	23,352	23,198	31,428	37,180	246,922	35,000	35,000

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	Preliminary FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Estimated FY 1983
EUROPE & CANADA (CONT.)	<u>)</u>								
GERMANY	361,034	126,572	124,920	124,536	153,400	209,489	1,099,950	180,000	200,000
GIBRALTAR	5	5	14	*	1	<u> </u>	24	10	10
GREECE	51,260	12,626	100,958	76,220	28,355	16,332	285,781	10,000	10,000
ICELAND	617	49	16	5	16	14	718	10	20
IRELAND	1,031	171	75	171	364	392	2,204	750	2,000
ITALY	282,813	118,724	104,282	70,047	96,713	97,229	769,808	135,000	150,000
LIECHTENSTEIN	16	3	17	20	2	<del>-</del>	60	25	25
LUXEMBOURG	10,226	104	74	384	233	416	11,435	1,000	2,000
MALTA	10	-	22	2	*	_	35	5	2
MONACO	18	5	2	2	2	25	55	3	3
NETHERLANDS	46,702	89,296	46,326	39,171	55,044	55,143	331,682	50,000	50,000
NORWAY	25,581	20,187	23,712	13,442	32,417	18,312	133,652	3,000	20,000
PORTUGAL	6,544	2,804	2,966	1,513	1,737	3,340	18,904	1,000	5,000
ROMANIA	1,178	200	-	-	1,181	95	2,654	1,000	50
SPAIN	96,892	33,410	28 <b>,164</b>	26,203	39,627	61,191	285 <b>,48</b> 7	50,000	50,000
SWEDEN	75 <b>,707</b>	28,025	22,187	22,207	46,264	53,504	247,894	29,000	50,000
SWITZERLAND	34,901	6,824	8,368	8,022	22,939	13,709	94,764	15,000	15,000
TURKEY	21,017	13,970	9,077	993	1,127	2,707	48,890	10,000	10,000
UNION OF SOV SOC REP	3	7	_	-	_	-	10		_
UNITED KINGDOM	223,892	38,037	48,646	58,224	114,698	163,380	646,877	125,000	225,000
YUGOSLAVIA	4,559	2,327	1,792	3 <b>,488</b>	1,195	1,231	14,590	3,000	5,000
AFRICA	48,534	19,785	14,709	6,382	_ 7,257	2,928	99,595	10,450	11,750
ANCOLA	24	22	-	-	-	_	45	-	-
BENIN	*	_		~-	-	-	*		
BOTSWANA	171	2	25	24	24	15	261	100	150
BURUNDI	1	-	-	-	68	569	638		-
CAMEROON	1,089	7,732	2,838	334	82	9	12,085	2,000	2,000
CENTRAL AFRICAN EMP	57	_	_	-	-	_	57	_	-
CHAD	*	15	-	-	-		16	-	_
DJIBOUTI	11	-	*	-	~	-	11	-	-
EQUATORIAL GUINEA	*	_	-	_	~	-	*	_	_
ETHIOPIA	445	1,074	-	2		-	1,522		
GABON	25	178	295	71	858	1	1,428	2,000	2,000

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	Preliminary FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Estimated FY 1983
AFRICA (CONT.)									
GAMPIA	263	_	1	1	_	_	265	~	_
GHANA	58	283	56	39	121	_	557	-	_
GUINEA		-	2	7	-	_	9		
IVORY COAST	253	_	10	314	14	-	592	~	_
KENYA	5,613	227	346	226	197	165	6,774	300	800
LESOTHO	-	1	1	3	18	**	23	-	-
LIBERIA	317	92	36	612	264	486	1,806	500	800
MADAGASCAR	213	66	1	29 <b>4</b>	_	-	57 <b>4</b>	~	_
MALAWI	10	_	-	-	-	_	10	-	_
MALI	5	*	_	1	24	-	30	-	-
MAURITANIA	1	98	-	104	_	-	204	-	_
MAURITIUS	57	38	10	24	10	_	139	~	-
MOZAME IQUE	448	-	-	-	_	_	448	-	_
NIGER	_	-	125	-	81	-	206	-	_
NIGERIA	27,131	1,614	4,724	2,835	4,556	1,401	42,262	5,000	5,000
REUNION	1	-	-	-	-	_	1	-	-
RWANDA	*	_	-	_	-	-	*	-	-
SENEGAL	24	197	45	6	7	_	280	-	-
SEYCHELLFS	31	_	1	4	-	_	35	-	_
SIERRA LEONE	4	-	-	25	26	-	55	**	-
SOMALIA	*	_	_	-	-	_	*	-	_
SOUTH AFRICA	8,233	5,702	4,670	25	_	_	18,631	-	_
ST. HELENA	*	_	-	-	_	_	*		-
SUDAN	14	89	*	6	3	-	112	-	-
SWAZILAND	109	_	4	-	_	-	113	-	-
TANZANIA	635	351	423	944	5 <del>9</del> 8	23	2,975	50	100
TOGO	109	_	-	9	_		118	-	-
UGANDA	464	_	-	-	-	-	464	-	-
UPPER VOLTA	-	54	-	8	10	-	72	-	_
ZAIRE	2,535	1,733	937	424	5	45	5,679	100	500
ZAMBIA	185	216	156	39	236	28	859	200	200
ZIMBABWE	_	-	-		5 <b>4</b>	186	239	200	200

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# APPENDIX VI

	FY 1950 to					Preliminary	FY 1950 to	Estimated	Estimated
	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981	FY 1981	FY 1982	<u>FY 1983</u>
AMERICAN REPUBLICS	170,015	46,082	56,531	58,621	65,711	37,752	434,710	44,836	59,586
ANTIGUA	40	2	2	5	9	1	59	15	10
ARGENTINA	34,016	6,314	13,258	29,496	7,323	4,553	94,961	5,000	5,000
BAHAMAS	68	8	10	21	124	46	277	150	150
BARBADOS	53	8	5	26	10	13	115	15	15
BELIZE	61	12	16	55	73	186	405	100	100
BERMUDA	330	103	13	52	306	15	811	400	100
BÓLÍVIA	1,178	708	794	1,404	200	9	4,293	700	<del>-</del>
BRAZIL	56,713	6,055	4,793	8,174	7,575	9,901	93,212	10,000	20,000
BRITISH VIRGIN IS.	58	7	1		4	-	70	2	20
CAYMAN ISLANES	70	*	178	151	2	-	400	2	5
CBILE	7,403	1,357	_		-	_	8,760	_	
COLOMBIA	6,245	7,071	2,583	2,081	1,418	2,705	22,102	5,000	5,000
COSTA RICA	466	132	166	204	202	57	1,226	150	150
DOMINICA	10	*	_	-	10	-	20	-	_
DOMINICAN REPUBLIC	437	839	820	196	306	101	2,700	1,000	1,000
ECUADOR	3,824	643	16,558	529	335	1,410	23,297	1,000	2,000
EL SALVADOR	1,363	229	270	151	207	17	2,237	300	200
FALKLAND ISLANDS	-,	-	*	_	-	_	*	-	-
FRENCH GULANA	173	_	2		_	-	175	_	-
GREENLAND	*	2	4	6	5	4	23	6	5
GRENADA	12	2	1	7	-	-	22	1	1
GUADELOUPE	1	1	1	1	18	5	28	2	5
GUATEMALA	2,236	1,020	550	868	417	7	5,097	750	100
GUYANA	65	113	4	5	7	707	901	20	500
HAITI	1,010	451	396	17	-	6	1,881	200	50
HONDURAS	923	102	1,102	1,859	666	923	5,576	500	500
JAMAICA	380	216	157	87	48	443	1,332	200	500
MARTINIOUE	6	2	3	2	_	1	14	2	2
MEXICO	4,861	2,386	2,610	1,384	1,735	3,603	16,579	2,200	5,000
MONTSERRAT	4	*	-,	-	5	· -	9	-	_

## $\frac{\text{COMMERCIAL EXPORTS LICENSED UNDER ARMS EXPORT CONTROL ACT}}{\left(\text{Dollars in Thousands}\right)}$

	FY 1950 to FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	Preliminary FY 1981	FY 1950 to FY 1981	Estimated FY 1982	Estimated FY 1983		
AMERICAN REPUBLICS (cont.)											
NETH ANTILLES NICARAGUA PANAMA PARAGUAY PERU ST. CHRIST-NEVIS ST. LUCIA ST. PIERRE + MIQUEION ST. VINCENT + GREN. SURINAM TRINIDAD - TOBAGO TURKS + CAICOS URUGUAY	934 2,039 5,009 895 13,552 1 6 * 3 43 255 *	12 1,606 2,571 435 5,289 1 3 - 8 27 3	13 597 976 212 4,369 - 2 - 19 85 - 67	242 1 828 277 1,583 1 4 - 11 61 - 114	7 29,241 640 843 - 1 - 2 4 368 - 259	6 5 752 177 3,352 - - 18 138 - 591	1,215 4,249 39,376 2,636 28,989 2 19 * 5 103 934 3 2,265	10 50 1,000 300 5,000 - 2 - 15 500 - 250	300 50 1,000 300 5,000 - 3 - 25 500 - 2,000		
VENEZUELA	24,435	7,949	5,890	8,718	13,342	8,000	68,333	10,000	10,000		
International Organ.	51,177	20,938	22,047	59,343	56,604	24,778	234,887	7,300	13,800		

\*Less than \$500.

Note: As of September 30, 1981. Totals may not add due to rounding.

APPENDIX VI

## TOP 25 COMPANIES SUPPLYING MILITARY EQUIPMENT UNDER FMS AND COMMERCIAL EXPORT SALES FISCAL YEAR 1981

(Dollars in Thousands)

FMS Contractors	Sales	Rank	Commercial Exporters	<u> </u>	Sales
McDonnell Douglas	\$1,211,480	1	Lockheed Corp.	\$	198,662
United Technologies	632,465	2	Hughes Aircraft		121,373
Vinnell Corp.	409,591	3	Nissho-Iwai American	1	79,857
General Dynamics	377,124	4	Raytheon Co.		75,551
Al Huseini	323,890	5	Boeing Corp.		67,658
Hughes Aircraft	259,678	6	Teledyne Inc.		61,639
Westinghouse	187,907	7	Texas Instruments		47,007
Raytheon Co.	184,829	8	Olin Mathieson		45,482
General Electric	174,542	9	Singer		39,768
Northrop Corp.	164,341	10	Bendix Corp.		36,401
Lockheed Corp.	135,442	11	Nittler Forwarder		35,894
Ex Cell O Corp.	122,042	12	AVCO		29,897
Grumman Corp.	116,112	13	Electric Memories		26,717
F M C Corp.	106,049	14	Luigi Serra Inc.		25,888
Chrysler Corp.	102,170	15	Colt's Inc.		24,090
Science Applications Inc.	93,410	16	Emery Air Freight		21,929
Teledyne Inc.	86,242	17	NAPCO Industry		21,510
Sperry Rand Corp.	83,526	18	FMC Corp.		20,897
Ford Motor Co.	78,664	19	Smith & Wesson		20,455
AT&T	72,150	20	Sperry Rand Corp.		19,916
Saudi Tarmac, Ltd.	64,475	21	Sumitomo Shoji		19,892
General Motors Corp.	64,334	22	Thickol Chemical		19,353
Saudi Maintenance Corp.	60,585	23	Northrop Corp.		19,171
Hyun Dai Construction	55,744	24	Litton Industries		17,181
E Systems Inc.	54,099	25	United Technologies		17,110
	\$5,220,891			\$1	,113,298

## FOREIGN MILITARY SALES TOP 25 COMPANIES (Dollars in Thousands)

	FY	1977	77 FY 1978		FY	1979	FY 1	980	FY 1981	
Company	Sales	Rank	Sales	Rank	Sales	Rank	Sales	Rank	Sales F	lank
					600 000	-	471 220	4	1 211 400	,
McDonnell Douglas	446,134	2	273,857	5	638,853	1	471,238	4	1,211,480	7
United Technologies	87,102	12	115,302	11	249,058	5	749,047	3	632,465	2
Vinnell Corp.	_	-	103,726	12	110,842	9	-	-	409,591	3
General Dynamics	303,322	4	1,475,524	1	517,928	2	992,958	1	377,124	4
Al Huseini	-	-		_	205,622	6	-	-	323,890	5
Hughes Aircraft	156,092	7	156,188	10	86,423	14	95,533	20	259,678	6
Westinghouse	70 <b>,9</b> 86	16	56,403	17	85,266	15	140,101	15	187,907	7
Raytheon Co.	149,028	8	271,046	6	132,113	8	435,468	5	184,829	8
General Electric	220,956	6	175,657	8	101,422	13	175,597	11	174,542	9
Northrop Corp.	853,022	1	266,978	7	472,282	3	859,401	2	164,341	10
Lockheed Corp.	305,226	3	297,292	4	141,812	7	148,536	13	135,442	11
Ex Cell O Corp.	_	-	-	_	-	-	-	-	122,042	12
Grumman Corp.	252,814	5	69,992	14	_	_		-	116,112	13
F M C Corp.	· _	_	70,683	13	65,267	20	232,933	7	106,049	14
Chrysler Corp.	-	_	-	_	_	_	197,089	10	102,170	15
Science Applications, Inc.	_	_	-	_	_	-	-	-	93,410	16
Teledyne Inc.	21,241	24	26,871	25	53,237	23	108,541	19	86,242	17
Sperry Rand Corp.		_	_	_	75,138	16	<b>72,7</b> 05	23	83,526	18
Ford Motor Co.	42,260	17	65,642	15	_	_	_	-	78,664	19
AT&T	26,773	20	28,176	24	61,832	21	78,773	22	72,150	
Saudi Tarmac, Ltd.	77,247	14	_	_	-	-	- 4	-	64,475	21
General Motors Corp.	-		31,969	22	50,692	25	109,071	18	64,334	22
Saudi Maintenance Corp.	_	_	· <u>-</u>	_	· -	-	128,834	17	60,585	23
Hyun Dai Const.	-	_	_	_	_	_	58,338	25	55,744	
E Systems, Inc.	-	_	_	_	_	_	-	-	54,099	25
Other (Top 25 Companies) a	/ <u>683,074</u>		1,382,226	_	936,988	-	1,277,732	-		_
outer (10p 11 sonFiller) =							- <del></del>		_	
Total	\$3,695,277		\$ <u>4,867,532</u>		\$3,984,775		\$ <b>6,331,89</b> 5		\$ <u>5,220,891</u>	
Total foreign							00 157 571		67 EOO 406	
military sales	\$ <u>4,449,536</u>		\$5,805,480		\$ <u>5,329,876</u>		\$8,157,571		\$7,590,486	

 $\underline{a}/$  All the top 25 companies are not listed.

Note: As of September 30, 1981. Totals may not add due to rounding.

# APPENDIX VI

## COMMERCIAL EXPORT SALES TOP 25 COMPANIES (Dollars in Thousands)

	FY19	FY1977 FY1978		FY19	79	FY1980			FY1981			
Company	Sales	Rank	Sales		Rank	Sales	Rank	<u>Sales</u>	Rank	:	<u>Sales</u>	Rank
		_				4 40 000	_	4122 525	,	ć	100 663	1
Lockheed Corp.	\$102,394	1	\$ 190,		1	\$ 49,369	.6	\$133,525	1	\$	198,662	1
Hughes Aircraft	29,925	8	*	5 <b>77</b>	4	23,489	11	52,261	6		121,372	2
Nissho-Iwai American	19,960	15		406	11	44,177	8	64,300	4		79,857	3
Raytheon Co.	19,204	17		360	3	187,049	1	47,702	7		75,551	4
Boeing Corp.	47,489	3	41,	536	8	80 <b>,49</b> 6	2	25,406	12		67,658	5
Teledyne Inc.	-	-		_	_	17,882	17	60,931	5		61,639	6
Texas Instruments	_	_		-	-	16,970	19	26,50 <b>4</b>	11		47,007	7
Olin Mathieson	23,869	11	38,	026	10	47,589	7	25,109	13		45,482	8
Singer	10,615	23	30,	868	12	21,426	12	39,689	8		39,768	9
Bendix Corp.	_	_		_	_		_	=-	-		36,401	10
Nittler Forwarder	_	_		_	_	_	-	27,85€	10		35,894	11
AVCO	23,049	13	38.	338	9	27,290	10		_		29,897	12
Electric Memories	-	_	•	223	21	15,592	21	_	_		26,717	13
Luigi Serra Inc.	_	_		934	17	16,854	13	15,143	21		25,888	14
Colt's Inc.	21,617	14	,	_	_	20,891	_	14,845	22		24,090	15
Emery Air Freight	21,017			_	_		_	19,299	17		21,929	16
NAPCO Industry	_	_		_	_	_	_		_		21,510	17
F M C Corp.	_	_			••	_	_	17,112	20		20,897	18
Smith & Wesson	10,336	24		_	_	_		,	_		20,455	19
	10,550	24		_	_	_	_	13,487	25		19,916	20
Sperry Rand Corp.	_	_			_	13,783	23	14,161	23		19,892	21
Sumitomo Shoji	~			_	_	13,763	2.5	14/101	-		19,353	22
Thickol Chemical	41 005	5	50	341	6	30,643	9	_	_		19,171	23
Northrop Corp.	41,005	5	33,	241	O	30,043	_	_	_		17,181	24
Litton Industries	40.015	_	65	772	_	52,688	4	86,059	2		17,110	25
United Technologies	40,015	-	-	772	5		_	•	_		-0-	_
Other (Top 25 Companies)	322,088	. <b>-</b>	333,	262	-	233,862		226,862	_			-
	\$711,566		\$1,014,	146		\$900,050		\$910,251		<u>\$</u> ]	,113,298	
	1.22/300		, -, ,							_		

## PREVIOUS GAO REPORTS CONCERNING FOREIGN MILITARY SALES

We have issued numerous reports to the Congress concerning security assistance and FMS. Our reports have continued to identify a variety of program weaknesses relating to security and military assistance.

The following lists reports we issued to the Congress between 1977 and the present. The reports are divided into two categories (1) reports to the Congress concerning FMS issues in general and (2) reports to the Congress concerning FMS cost recovery and financial management. Some of the subjects covered in these reports include leasing of defense property, coproduction, FMS training, cost waivers, and improperly subsidizing the FMS program.

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## Reports to the Congress concerning FMS issues

- -- Major Issues in Sale of AWACS to Saudi Arabia (C-ID-82-6, May 6, 1982)
- --U.S. Military Coproduction Programs Assist Japan in Developing Its Civil Aircraft Industry (ID-82-23, Mar. 18, 1982) (C-ID-82-4, Mar. 4, 1982)
- --Forging a New Defense Relationship With Egypt (ID-82-15, Feb. 5, 1982) (C-ID-82-1, Jan. 8, 1982)
- --The Defense and Economic Cooperation Agreement--U.S. Interests and Turkish Needs (ID-82-31, May 7, 1982) (C-ID-82-2, Jan. 6, 1982)
- --U.S. Defense Programs in Thailand (C-ID-82-3, Dec. 31, 1981)
- --Improvements Can be Made in Military Assistance Equipment Disposals (ID-81-43, June 23, 1981)
- --The Roles and Functions of Overseas Security Assistance Offices Need to be Clarified (ID-81-47, May 29, 1981)
- --Appropriateness of Procedures for Leasing Defense Property to Foreign Governments (ID-81-36, Apr. 27, 1981)
- -- The F-16 Program: Progress, Concerns, and Uncertainties, (C-MASAD-81-10, Feb. 28, 1981)
- --No Easy Choice: NATO Collaboration and the U.S. Arms Export Control Issue (ID-81-18, Jan. 19, 1981)
- --Review of Selected Negotiated Contracts Under the F-16 Multinational Aircraft Program (PSAD-81-3, Oct. 17, 1980)

--Foreign Military Sales to Egypt and Israel as a Result of Mideast Peace Treaty--Impact on U.S. Readiness Minimized (C-LCD-80-7, Aug. 1, 1980)

- --Equitable Cost Sharing Questioned on NATO's Airborne Early Warning and Control Program (ID-80-47, July 1, 1980)
- --Implementing the Taiwan Relations Act: Success and Problems (C-ID-80-5, May 9, 1980)
- --Foreign Military Credit Sales to Zaire--Use and Maintenance of Equipment (C-ID-80-1, Feb. 25, 1980)
- -- The Multinational F-16 Aircraft Programs: Its Progress and Concerns (PSAD-79-63, June 25, 1979)
- --Opportunities to Improve Decisionmaking and Oversight of Arms Sales (ID-79-22, May 21, 1979)
- --Defense Department Is Not Doing Enough to Maximize Competition When Awarding Contracts for Foreign Military Sales Programs (PSAD-78-147, Oct. 17, 1978)
- --Foreign Military Sales of Selected Weapon Systems (PSAD-78-117, Aug. 9, 1978)
- --Foreign Military Sales of Defense's F-5, F-15, F-16 and F-18 Aircraft (PSAD-78-101, May 15, 1978)
- --Military, Economic, and Political Factors Concerning the Sale of F-15s to Saudi Arabia, (PSAD-78-96/97, May 1, 1978)
- --Management of Security Assistance Programs Overseas Needs To Be Improved (ID-78-27, Apr. 21, 1978)
- --Military Sales--An Increasing U.S. Role in Africa (ID-77-61, Apr. 4, 1978)
- --Perspectives on Military Sales to Saudi Arabia (ID-77-19A, Oct. 26, 1977) (C-ID-77-19, Oct. 11, 1977)
- --Storage Practices of Shipment of Material Under the Foreign Military Sales Program and Charges for Customer Assistance Teams (LCD-77-238, Sept. 23, 1977)
- --Foreign Military Sales--A Potential Drain on the U.S. Defense Posture (C-LCD-76-455, July 25, 1977)
- --Proposed Sale of AWACS (E-3) to Iran (PSAD-77-137 to 144(S), July 15, 1977)
- --Two Coproduction Programs--F-5E Aircraft in Taiwan and M-16 Rifle in the Philippines (C-ID-76-84, June 6, 1977)

--Impact of Foreign Military Sales on Department of Defense Supply Operations (LCD-77-222, May 27, 1977)

- --Transportation Support Provided for the Foreign Military Sales Programs During Fiscal Years 1976 and 1977 (LCD-79-225, May 4, 1977)
- --Status of the F-16 Aircraft Programs (PSAD-77-41, Apr. 1, 1977)

## Reports to the Congress concerning FMS cost recovery and financial management

- --Improvements Still Needed in Recouping Administrative Costs of Foreign Military Sales (AFMD-82-10, Feb. 2, 1982)
- --Defense Continues to Subsidize Sales of Secondary Items to Foreign Governments Because of Poor Pricing Policies (AFMD-81-105, Oct. 5, 1981)
- --Millions in Losses Continue on Defense Stock Fund Sales to Foreign Customers (AFMD-81-62, Sept. 10, 1981)
- --Better Accounting Needed For Foreign Countries' Deposits For Arms Purchases (AFMD-81-28, Jan. 30, 1981)
- --Correct Balance of Defense's Foreign Military Sales Trust Fund Unknown (FGMSD-80-47, June 3, 1980)
- --Improvements Needed in Accounting For Foreign Student Participation in Defense Training Programs (FGMSD-80-58, May 7, 1980)
- --Statistical Data on Department of Defense Training of Foreign Military Personnel (FGMSD-80-48, Apr. 15, 1980)
- --How Military Sales Trust Funds Operate: Saudi Arabian and Iranian Funds Compared (FGMSD-80-26, Jan. 28, 1980)
- --Defense's Accounting For Its Contracts Has Too Many Errors--Standardized Accounting Procedures Are Needed (FGMSD-80-10, Jan. 9, 1980)
- --Financial and Legal Implications of Iran's Cancellation of Arms Purchase Agreements (FGMSD-79-47, July 25, 1979)
- --Efforts to Charge for Using Government-Owned Assets for Foreign Military Sales: Marked Improvement But Additional Action Needed (FGMSD-79-36, June 1, 1979)
- --Centralization: Best Long-Range Solution to Financial Management Problems of the Foreign Military Sales Program (FGMSD-79-33, May 17, 1979)

--The Department of Defense Continues to Subsidize the Foreign Military Sales Program by Not Charging for Normal Inventory Losses (FGMSD-79-31, May 15, 1979)

- --Correct Balance of Navy's Foreign Military Sales Trust Fund Unknown (FGMSD-79-2, Nov. 15, 1978)
- --Summary of Efforts to Recover U.S. Government Costs in Foreign Military Sales (ID-79-2, Nov. 15, 1978)
- --Cost Waivers Under the Foreign Military Sales Program: More Attention and Control Needed (FGMSD-78-51, Aug. 25, 1978)
- -- The Department of Defense Continues to Improperly Subsidize Foreign Military Sales (FGMSD-78-51, Aug. 25, 1978)
- --Budget Authority for Foreign Military Sales is Substantially Understated (PAD-78-72, July 27, 1978)
- --Inadequate Methods Still Used to Account for and Recover Personnel Costs of the Foreign Military Sales Program (FGMSD-78-47, July 25, 1978)
- --Army Efforts to Restore Integrity to Its Financial Management Systems (FGMSD-78-28, Apr. 27, 1978)
- --Arms Sales Ceiling Based on Inconsistent and Erroneous Data (FGMSD-78-30, Apr. 12, 1978)
- --The Department of Defense's Continued Failure to Charge for Using Government-Owned Plant and Equipment for Foreign Military Sales Costs Millions (FGMSD-77-20, Apr. 11, 1978)
- --Loss of Accounting Integrity in Air Force Procurement Appropriations (FGMSD-77-81, Nov. 1, 1977)
- -- Inadequate Methods Used to Account for and Recover Personnel Costs of the Foreign Military Sales Program (FGMSD-77-22, Oct. 21, 1977)
- --Cost of Training Granted to Foreign Students Under the Military Assistance Program (ID-76-79, May 17, 1977)
- --Defense Action to Reduce Charges for Foreign Military Training Will Result in the Loss of Millions of Dollars (FGMSD-77-17, Feb. 23, 1977)
- "C" denotes report is classified.

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