APPENDIX A

CHRONOLOGY

TRANSFER AND DISPERSAL

OF

NUCLEAR WEAPONS

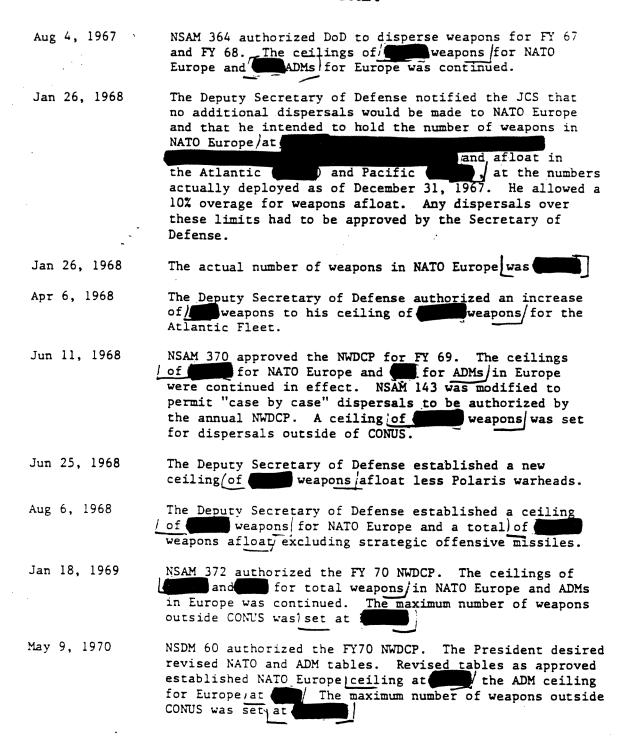
CY 1950 - CY 1977

CHRONOLOGY TRANSFER AND DISPERSAL OF NUCLEAR WEAPONS

Jun 14, 1950	Transfer of nonnuclear components of the Mk 4 bombs
Aug 1950	from AEC to DoD for training. Transfer of nonnuclear components from AEC to the USAF for storage at overseas bases and to the Navy for storage on the weapons).
Late 1950	Nonnuclear components moved to UK and to Guam
Dec 6, 1951	Nonnuclear components authorized on
May 1951	Nonnuclear components authorized on
Apr 6, 1951	President authorized the transfer of nuclear bombs from AEC to General Vandenburg. This was the only dispersal and transfer authorization in fiscal years 1951 and 1952.
Jun 1951	The bombs transferred to General Vandenburg's custody were moved to Guam.
Jul 22, 1952	Nonnuclear components authorized for storage in UK, Guam, and on carriers.
Jun 20, 1953	President authorized dispersal of weapons under AEC control to carriers, ammo ships, Guam, and the UK. Nonnuclear components could be stored at the above locations and Alaska, Hawaii, This constituted the dispersal authorization for fiscal years 1953 and 1954.
Jul 1953	Arrangements were made with the AEC for storage of nuclear weapons on carriers and Guam.
Apr 1954	The President authorized the dispersal of nuclear weapons under AEC control to ammunition ships, cruisers and submarines.

Dec 1, 1954	For FY 1955 the President authorized the transfer of nuclear weapons from AEC to DoD. Dispersals were authorized to CONUS, the UK, we will be west Germany, Hawaii, Guam, may naval vessels.
Jan 1955	Nuclear weapons were dispersed to UK, Guam, Hawaii, naval vessels. Dispersal to Alaska, and West Germany had also been authorized by the President on December 1, 1954.
Aug 29, 1955	The President authorized low yield (under DoD custody) and high yield (under AEC custody) to be dispersed in CONUS, UK, West Germany, on Guam, Hawaii and naval vessels in FY 1956.
Mar 8, 1956	The President amended the August 29, 1955 authorization and established a ceiling of weapons to be transferred from AEC to DoD, exclusive of high yield.
Nov 24, 1956	The FY 1957 dispersal plan was approved. Totals of low yield under DoD and high yield under AEC could be dispersed.
Aug 6, 1957	A total of low yield and high yield weapons and a combined total of were authorized for dispersal during FY 1958.
Jan 3, 1959	The President ordered the transfer of low yield and high yield weapons (for the first time) to DoD for FY 1959. The high yield weapons were to be transferred when AEC and DoD had worked out the arrangements.
Feb 26, 1959	The President authorized the transfer of nuclear weapons to DoD for FY 1959. This authorization replaced the FY 1959 January 3, 1959 approval. DoD now was authorized custody of both low and high yield weapons.
Nov 5, 1959	The President approved the FY 1960 dispersal plan and authorized DoD custody of weapons. Dispersal was authorized for the first time to
Jan 16, 1961	The FY 1960 dispersal plan was approved by President Eisenhower. DoD was given custody of weapons.

May 20, 1961	President Kennedy approved the FY 61 NWDCP of January 16, 1961 provided that additional weapons were not dispersed in support of non-US forces and subject to the desirability of retaining a substantial reserve in the National Stockpile Sites. This was the basic dispersal authorization for US forces for FY 61, 62 and 63, and for non-US forces in FY 61.
Apr 10, 1962	NSAM 143 authorized the dispersal of nuclear weapons; for support of designated non-US NATO forces. However, it also precluded the loading of exclusive of forces in the United Kingdom. This was the basic dispersal authorization for non-US forces for FY 62 and FY 63.
Oct, 23, 1962	NSAM 197 required "approvals in principle" by the President for support of non-US forces. Dispersal approval for weapons for these forces would continue under NSAM 143.
Dec 26, 1962	President Kennedy disapproved the proposed FY 62 dispersal plan but did permit DoD custody of nuclear weapons, and components.
Feb 27, 1963	The Deputy Secretary of Defense clarified the President's authorization/denial of December 26, 1962. He permitted the additional dispersal of weapons over the January 16, 1961 (FY 61) authorization to areas under full US control.
Jun 16, 1964	NSAM 305 approved the FY 64 NWDCP. It authorized DoD to obtain custody of nuclear weapons/and components. It continued the requirements of NSAMs 143, 160 and 197.
May 17, 1965	The Secretary of Defense, Mr. McNamara, imposed a ceiling of ADMs which could be dispersed to Europe.
Jun 1, 1965	NSAM 334 approved the NWDCP for FY 65 and FY 66. DoD was authorized custody of nuclear weapons. No additional ADMs could be dispersed to Europe. A ceiling of weapons was imposed on NATO Europe. NSAM 143 and NSAM 197 actions were continued.
Feb 10, 1967	The President authorized the transfer to DoD of all finished nuclear weapons in the stockpile.



The Deputy Secretary of Defense delegated authority Nov 20, 1970 to the JCS to increase approved deployment levels in NATO Europe when specified conditional deployments were made and to increase specified deployments in any theater up to 10% when necessary to meet contingencies. NSDM 121 authorized the FY72 NWDCP. The President Jul 20, 1971 approved ceilings of to NATO Europe and for ADMs in Europe. He denied an increase of weapons A ceiling of was set for dispersals outside of CONUS. NSDM 178 authorized the FY73 NWDCP. The President Jul 18, 1972 approved ceilings of to NATO Europe and a European /ADM ceiling of A ceiling/of was set for weapons dispersed outside of CONUS. NSDM 226 authorized the FY74 NWDCP. The President Jul 18, 1973 established ceilings of for NATO Europe and for ADMs in Europe. The total authorized for dispersal outside CONUS/was The President, by NSDM 258, approved a change to the Jun 20, 1974 nuclear weapon yield constraint imposed by NSAMs 143 and 199. The yield shall now not exceed kt (accommodating B61-2 and B61-3 nuclear bomb support of non-US NATO forces). Oct 8, 1974 NSDM 274 authorized the FY75 NWDCP. The President established ceilings of for NATO Europe and for ADMs in Europe. A ceiling/of was set for dispersals outside CONUS. Apr 30, 1975 General Scowcroft, Deputy Assistant to the President for National Security Affairs, notified General Wickham, Military Assistant to the Secretary of Defense, that the President had directed there would be no withdrawal of US forces or nuclear weapons from overseas areas without his expressed approval.

May 23, 1975	General Scowcroft notified General Wickham that the President had approved a request to remove old weapons from Guam to retirement.
Jun 30, 1975	General Scowcroft notified the Secretary of Defense that the President authorized a continuation of FY 75 deployments pending decision on the FY 76 plan.
Jul 16, 1975	NSDM 300 authorized the FY 76-77 NWDP. The President approved a ceiling of the for NATO Europe. The total authorized for dispersal outside CONUS was It also requested the rationale used in developing the plan and that revised tables reflecting Presidential changes be submitted.
Aug 1, 1975	Secretary of Defense forwarded the rationale and revised deployment tables to the President.
Jan 27, 1976	General Scowcroft informed the Secretary of Defense that the President approved an assignment of an additional
May 4, 1976	NSDM 328 provided Presidential approval of modification to SSBN commitments to NATO.
Jul 7, 1976	NSDM 332 authorized the FY 77-78 NWDP. The President approved a ceiling of NATO Europe. The total authorized for dispersal outside CONUS was
Jul 19, 1976	All nuclear weapons were removed from
Dec 18, 1976	General Scowcroft informed the Secretary of Defense that the President had decided to delay withdrawal of the Sergeant missile battalion
Mar 18, 1977	Secretary of Defense requested approval from the President to delay withdrawal of B61 bombs from
Mar 31, 1977	General Scowcroft informed the Secretary of Defense of Presidential approval in delaying B61 bomb withdrawal
Apr 23, 1977	All nuclear weapons were removed by air

CHRONOLOGY

DEPLOYMENTS BY COUNTRY (U)

	$\overline{}$		
COUNTRY	WEAPON	INITIAL ENTRY	WITHDRAWN
Alaska	Nonnuclear Bomb	Nov 55	Jun 67
	Bomb	Jan 56	Jun 75
	Genie	Sep 57	Sep 60
	Depth Bomb	Jul 58	Sep 60
	ADM	Jan-Mar 61	Jun 70
	Falcon	Apr-Jun 61;	
	155mm Howitzer	Feb 67	Jun 70
	Nike Hercules	Jan-Mar 70	Jun 75
	ware neignies	Jan-Mar /U	
	Nonnuclear Bomb	Jul-Dec 50	Jun 71
	Bomarc	Jan-Mar 64	Jun 72
* *'	Genie	May 65	Jun /2
	Falcon	Jul 65	Dec 66
	Depth Bomb	Feb 68	Jun 70
***			5 4 11. 7 0
	Bomb	Feb 56	Mar-May 56
pastros.	Regulus	Mar-May 56	Oct-Dec 64
	Talos	Oct-Dec 64	Dec 65
Cuba	Nonnuclear Depth Bomb	Dec 61	Jul-Sep 63
	Bomb	Feb 58	Oct-Dec 58
	Nike Hercules	Nov 59	Jul 65
			002
Guam	Nonnuclear Bomb	Jul 50	
	Bomb	Jun 51	
	Depth Bomb	Jun-Aug 57	
	Regulus	Sep-Nov 57	Apr-Jun 64
	Nike Hercules	Jun 61	Jun 69
	Boar	Jan-Mar 62	Apr-Jun 63
	Hotpoint	Jan-Mar 62	Oct-Dec 64
	Lacrosse	Apr-Jun 62	Oct-Dec 63
	Little John	Apr-Jun 62	Jun 69
	Honest John	Apr-Jun 62	-
	ADM	Apr-Jun 64	
	Davy Crockett	Jan 65	Jun 69
•	8-inch Howitzer	Jun 65	
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APPENDIX B

CHRONOLOGY

DEPLOYMENTS BY COUNTRY

CY 1951 - 1977

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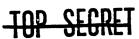
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COUNTRY	WEAPON	INITIAL ENTRY	WITHDRAWN
	Nonnuclear Bomb	Jul 54	Jun 67
	Bomb	Dec 54-Feb 55	Jun 72
	280mm gun	Dec 55-Feb 56	Jun 60
*	8-inch Howitzer	Jun-Aug 57	Jun 72
	Matador	Sep-Nov 57	Dec 60
	Depth Bomb	Dec 57-Feb 58	Jun 72
	ADM	Feb-May 58	Jun 72
	Honest John	Dec 57-Feb 58	Jun 72
	Nike Hercules	Jan-Mar 59	Jun 72
	Corporal	Mar 60	Jun 65
	Hotpoint	Jul-Sep 60	Dec 60
	Lacrosse	Oct-Dec 60	Dec 63
	Mace ⁻	Apr-Jun 61	Jun 70
	Falcon	Jul-Sep 61	Jun 72
	Little John	Apr-Jun 62	Dec 68
	Asroc	Jan-Mar 63	Apr 66
•	Terrier	Jan-Mar 64	Jun 64
	Davy Crockett	Apr-Jun 64	Dec 68
	155mm Howitzer	May 66	Jun 72
	Bomb	D	
	Depth Bomb	Dec 57	Jun 77
	Hotpoint	Dec 57	Jun 74
	Falcon	Jan-Mar 61	Sep 61
	Terrier	Apr-Jun 62	Jun 71
	Asroc	Feb 65	Jun 67
	Talos	Mar 65	Jun 74
	14103	Jul 65	Jun 74
Puerto Rico	Bomb	Jun 56	Jun 72
	Depth Bomb	Apr-Jun 61	Jun 75
			Juli 75
	Honest John	Jan 58	
	280mm gun	Jan 58	Jun 62
	8-inch Howitzer	Jan 58	
	ADM	Jan 58	
	Bomb	Mar 58	
	Lacrosse	Jul-Sep 60	Dec 63
	Nike Hercules	Jan-Mar 61	200 03
	Davy Crockett	Jul-Sep 62	Jun 68
	Sergeant	Jul-Sep 63	- 00
	155mm Howitzer /	Oct-Dec 64	
	/		

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COUNTRY	<u>WEAPON</u>	INITIAL ENTRY	WITHDRAWN
Guam (cont.)	Talos Astor	Jul 65 Nov 65	Jun 69 Mar 74
	ASROC Terrier 155mm Howitzer	Jan 66 Mar 66 May 66	Jan 67
	Polaris Nike Hercules	Jul 66 Jun 68	Aug 66 Jun 69
Hawaii	Bomb Depth Bomb	Jul 54 Dec 55-Feb 56	Jun 69
	Regulus Boar Honest John	Mar-May 56 Sep-Nov 56 Jun-Aug 57	Jan-Mar 65 Apr-Jun 63 Jun 75
	8-inch Howitzer ADM	Oct-Dec 58 Jan-Mar 59 Jan-Mar 60	Jun 72 Jun 75 Oct-Dec 64
	Hotpoint Nike Hercules Little John	Jul-Sep 60 Apr-Jun 62	Jun 73 Oct 68
	Talos ASROC Astor	Oct-Dec 63 Oct-Dec 63 Apr-Jun 64	Aug 68
	Davy Crockett 155mm Howitzer Terrier	Apr-Jun 64 Oct-Dec 64 Mar 65	Jun 69 Jun 75 Sep 66
	Subroc Falcon	Aug 65 May 66	Jun 67
	Nonnuclear Bomb Bomb	Feb 56 Sep 56	Jun 66 Sep-Dec 59
	Nonnuclear Bomb	Dec 54-Feb 55	Jun 65
Johnston Is.	Thor	Jul-Sep 64	Jun 71
	Nike Zeus	Jul-Dec 63	Jul 66
Midway	Depth Bomb	Jul 61	Jun 65
	Nonnuclear Bomb Bomb Depth Bomb	Jul-Sep 53 May 54 Sep-Nov 57	Jun 65 Sep 63 Mar 61

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CHRONOLOGY

DEPLOYMENTS BY COUNTRY (U)

NATO EUROPE

COUNTRY	WEAPON	INITIAL ENTRY	WITHDRAWN
	Bomb	Nov 63	
	Nonnuclear Bomb	Aug 58	Jan-Mar 60
	Bomb Honest John 8-inch Howitzer Nike Hercules	Oct 60 Dec 61 Apr-Jun 62 Oct-Dec 63	
	Bomb Corporal Honest John ADM Jupiter	Apr 57 Aug 56 Aug 56 Jan-Mar 59 Jun 60	Sep 64 Jun 76 Jun 63
	Nike Hercules 8-inch Howitzer Sergeant Lance Depth Bomb	Oct-Dec 60 Jan-Mar 64 Jan-Mar 64 Jan-Feb 76 Jan-Mar 72	Jun 76
	Bomb Honest John 8-inch Howitzer	Apr 60 Jun 61 Oct-Dec 62	
.:	Bomb Honest John Jupiter 8-inch Howitzer	Feb 59 May 59 Oct 61 Jun 65	Jun 63
United Kingdom	Bomb THOR (Strat) Depth Bomb	Sep-Nov 54 Oct-Dec 58 Jan 68	Sep 63
West Germany	Bomb Matador 280mm gun Honest John	Mar-May 55 Apr 55 Apr 55 May 55	Sep 62 Dec 60

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COUNTRY	WEAPON	INITIAL ENTRY	WITHDRAWN
	Bomb Depth Bomb Falcon Asroc Talos	Mar 58 Oct-Dec 59 Apr-Jun 62 Aug 65 Oct 68	Jun 65 Jul 76 Jun 64 Nov 65 Nov 68
	Matador Bomb	Jan 58 Jan-Mar 60	Jun 62 Jul 74

	COUNTRY	WEAPON	INITIAL ENTRY	WITHDRAWN
_		<u> </u>		
	West Germany	Corporal	Jun-Aug 55	Mar 67
	(cont.)	8-inch Howitzer	Mar-May 56	
		ADM	Mar-May 57	
		Redstone	May-Sep 58	Jun 64
		Nike Hercules	Apr-Jun 59	
		Mace	Oct-Dec 59	Jun 69
		Lacrosse	Apr-Jun 60	Dec 63
		Falcon	Jul-Sep 61	Jun 70
		Davy Crockett	Oct-Dec 61	Aug 67
		Bullpup (ASM)	Jul-Sep 62	Sep 63
	-	Sergeant	Apr-Jun 63	•
		Pershing	Apr-Jun 64	
		155mm Howitzer	Feb 65	
		Walleye	Jun 72	
١		Lance/	Jan-Mar 74	

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APPENDIX C

NUCLEAR WARHEAD DEPLOYMENTS

BY

COUNTRY, REGION, AND AFLOAT

(FY 1961 through FY 1977)

NOTE: Pertinent footnotes are indicated as necessary.

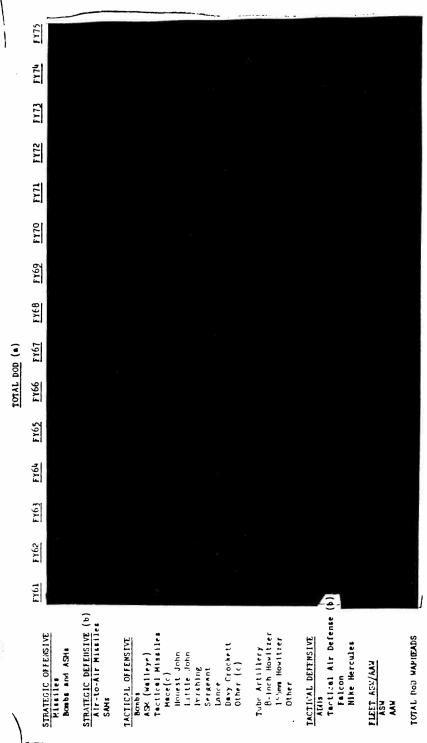
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MICLEAR WARITEAD DEPLOYMENTS



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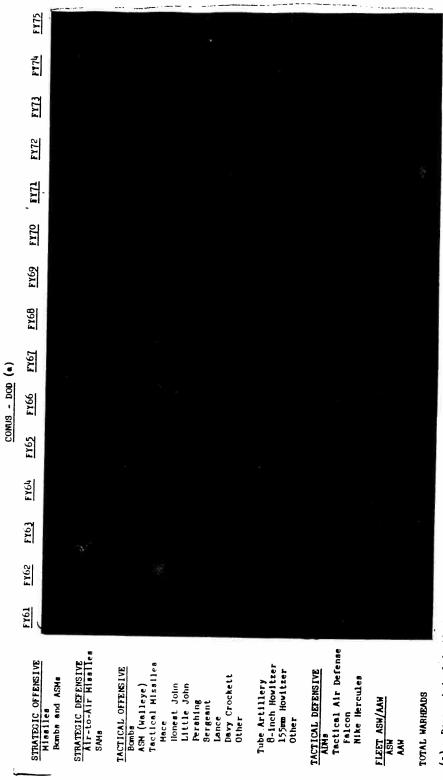
(b) - Air-to-Air Hissiles and Surface-to-Air Hissiles in CONUS and Aleake are included in the stritegic defensive category. At all other locations they are carried as tactical defensive except for Thor when on Johnston Island.
 (c) - Hitsor and Mace missiles are classed as textical offensive veapons.
 (d) - Mictear wather deployments prior to 1961 are not shown as trialing records indicate watherds only by Mark number and/or capsula.
 Appendix B shows the systems in each country from 1951 or initial entry through current date or withdrawal date.

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(a) - Does not include Alaska and Havaii.

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		· . "I			NUCLEAR	WARHEAD OUTS IDE	NUCLEAR WARREAD DEPLOTMENTS OUTSIDE CONUS (A)	ENTS (a)		ħ					· ·
STRATEGIC OFFENSIVE	FY61	FY62	FY63	F Y64	FY65	FY66	FY67	FY68	FY69	FY70	FY71	FY72	FY73	FY74	FY 75
Missiles Banbs and ASMs		13-			5527										
STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs															
TACTICAL OFFENSIVE Bombe															
ASM (Walleye) Tactical Missiles															
Homest John Little John															
Fershing Sergeant Lance															
Davy Crockett Other (b)															
Tube Artillery 8-inch Howitzer 155wm Howitzer															
TACTICAL DEFENSIVE ALMS TACTICAL DEFENSIVE															
Falcon Nike Hercules FLEET ASW/AAW			1												
ASH															
TOTAL WARHEADS													35		

(a) - Includes Almska and Hawmii. (b) - See specific countries for individual systems. EORMERLY RESTRICTED DALL
MANNICONS OF COMMISSION OF COMMIS

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	1775									
	FY74									
	FT23									
	FY72									
	<u>12.21</u>									
	FY70 ' FY71									
	F769									
	FY68									
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∑	FY66									
ALASKA	FY65									
	FY64									
	FY63									
	FY62									
	FY61									į
)_	STRATEGIC OFFENSIVE Hissiles Bombs and ASMs	STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs	TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Hissiles	Mace Honest John Little John	Pershing Sergeant Lance	Davy Crockett Other	Tube Artillery 8-inch Howitzer 155mm Howitzer Other	TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules	FLEET ASH/AAH ASH AAN	TOTAL WARIEADS

NUCLEAR WARIEAD DEPLOYMENTS

NUCLEAR WARITEAD DEPLOYMENTS

TOTAL, WARIEADS

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NUCLEAR WARHEAD DEPLOYMENTS

NATO EUROPE

FY61 FY62 FY63 FY66 FY65 STRATEGIC OFFENSIVE FY67 FY68 FY69 FY71 FY73 FY74 Missiles (a) FY75 Bomba and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other (b) Tube Artillery 8-inch Howitzer 155mm Howitzer Other (c) TACTICAL DEFENSIVE ADMa Tactical Air Defense Falcon Nike Hercules FLEET ASH/AAW ASW AAW TOTAL WARHEADS (a) - Thor, Jupiter. (b) - Corporal, Redstone, Lacrosse, Matador.

(c) - 280mm Gun.

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Missiles

8AMe

Bombs

Mace

Perahing Sergeant Lance

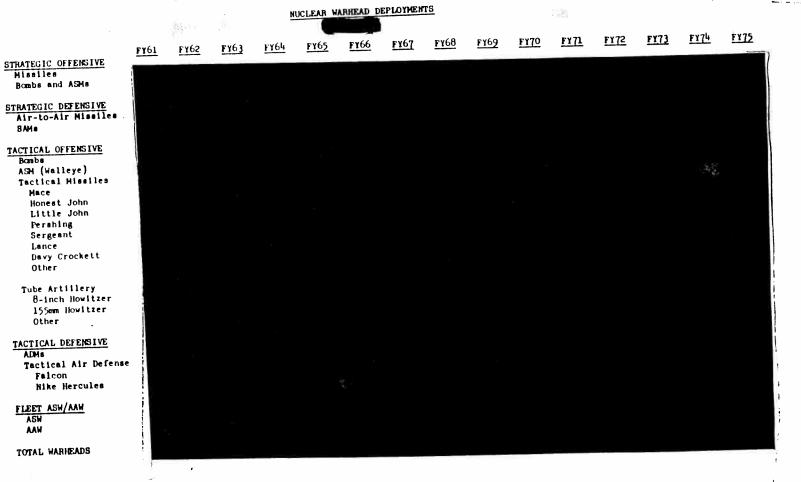
Other

Other

Falcon

ADMs

ASW WAA



NUCLEAR WARHEAD DEPLOYMENTS

FY61 FY62 FY63 FY65 FY64 FY71 STRATEGIC OFFENSIVE FY72 FY73 FY74 FY75 Missiles Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW AAW TOTAL WARHEADS

NUCLEAR WARHEAD DEPLOYMENTS

STRATEGIC OFFENSIVE
Missiles (a)
Bombs and ASMs

STRATEGIC DEFENSIVE
Air-to-Air Missiles
SAMs

TACTICAL OFFENSIVE Bombs

ASM (Walleye)
Tactical Missiles
Mace
Honest John
Little John

Pershing Sergeant Lance Davy Crockett Other (b)

Tube Artillery 8-inch Howitzer 155mm Howitzer Other

TACTICAL DEFENSIVE

Tactical Air Defense Falcon Nike Hercules

FLEET ASW/AAW ASW AAW

TOTAL WARHEADS

(a) - Jupiter.(b) - Corporal.

FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY69 FY70 FY71 FY72 FY73 FY74 FY75

NUCLEAR WARREAD DEPLOYMENTS

STRATEGIC OFFENSIVE Missiles Bombs and ASMs

STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs

Bombs
ASM (Walleye)
Tactical Missiles
Mace
Honest John
Little John
Pershing
Sergeant
Lance
Davy Crockett
Other

Tube Artillery 8-inch Howitzer 155mm Howitzer Other

TACTICAL DEFENSIVE
ADMs
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASW/AAW ASW AAW

TOTAL WARHEADS

FY61 **EX05** FY64 FY65 FY69 FY70 FY71 FY72 FY73 FY74 FY75

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NUCLEAR WARHAD DEPLOYMENTS

STRATEGIC OFFENSIVE
Hissiles (a)
Bombs and ASMs

STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE

Bombs
ASM (Walleye)
Tactical Missiles
Mace

Honest John Little John Pershing Sergeant Lance Davy Crockett Other

Tube Artillery 8-inch Howitzer 155mm Howitzer Other

TACTICAL DEFENSIVE

ADMs
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASW/AAW ASW AAW

TOTAL WARHEADS

(a) - Jupiter.

FY61 FY62 FY63 FY67 FY68 FY74 FY75 FY64 FY65 FY69 FY70 FY71 FY72 FY73

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NUCLEAR WARHEAD DEPLOYMENTS

UNITED KINGDOM

FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY69 STRATEGIC OFFENSIVE FY70 FY71 FY72 FY73 FY74 FY75 Missiles (a) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe TACTICAL OFFENSIVE Bombe ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artiliery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW AAW TOTAL WARIEADS (a) - Thor.





NUCLEAR VARHEAD DEPLOYMENTS

WEST GERMANY

STRATEGIC OFFENSIVE FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY69 FY70 FY71 FY72 FY73 FY74 FY75

STRATEGIC DEFENSIVE
Air-to-Air Missiles
SAMs

TACTICAL OFFENSIVE Bombs

ASM (Walleye)
Tactical Missiles

actical Missii - Mace

Mace Honest John

Missiles
Bombs and AGMs

Little John

Pershing Sergeant

Lance

Davy Crockett Other (a)

Tube Artillery 8-inch Howitzer 155mm Howitzer Other (b)

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense Falcon

Falcon Nike Hercules

FLEET ASW/AAW

ASH

TOTAL WARIEADS

(a) - Corporal, Redstone, Lacrosse, Matador.
(b) - 280mm Gun.

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NUCLEAR WARHEAD DEPLOYMENTS

ATLANTIC (a)

FY61 FY62 FY66 FY67 FY68 FY69 FY70 STRATEGIC OFFENSIVE FY72 FY73 FY74 FY75 Missiles (b) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs (c) TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMe Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW MAA TOTAL WARHEADS (a) - Includes Puerto Rico (b) - Polaris. (c) - Bomarc, Nike Hercules.

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NUCLEAR WARHEAD DEPLOYMENTS

FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY72 FY73 FY74 FY75 STRATEGIC OFFENSIVE Missiles Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMS (a) TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8-Inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW MAA TOTAL WARHEADS

(a) - Bomarc.

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MUCLEAR WARITEAD DEPLOYMENTS NUCLEAR WARIEAD DEPLOYMENTS FY61 FY64 FY65 FY66 FY63 FY64 STRATEGIC OFFENSIVE STRATEGIC OFFENSIVE . Missiles Missiles Bombs and ASMs Bombs and ASMs STRATEGIC DEFENSIVE STRATEGIC DEFENSIVE Air-to-Air Missiles Air-to-Air Missiles SAMs (a) SAMs TACTICAL OFFENSIVE TACTICAL OFFENSIVE Bomba Bombs ASM (Walleye) ASM (Walleye) Tactical Missiles Tactical Missiles Mace Mace Honest John Honest John Little John Little John Pershing Pershing Sergeant Sergeant Lance Lance Davy Crockett Davy Crockett Other Other Tube Artillery Tube Artillery 8-inch Howitzer 8-inch Howitzer 155mm Howitzer 155mm Howitzer Other Other TACTICAL DEFENSIVE TACTICAL DEFENSIVE ADMe ADMs Tactical Air Defense Tactical Air Defense Falcon Falcon Nike Hercules Nike Hercules FLEET ASW/AAW FLEET ASW/AAW ASW ASW MAA WAA TOTAL WARHEADS TOTAL WARIEADS (a) - Nike Hercules.

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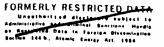
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NUCLEAR WARHEAD DEPLOYMENTS

PUERTO RICO

FY61 FY62 FY67 FY68 FY66 FY71 FY72 FY74 FY75 STRATEGIC OFFENSIVE Missiles Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe TACTICAL OFFENSIVE Bombs ASH (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW MAA TOTAL WARREADS

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NUCLEAR WARHEAD DEPLOYMENTS

FY61 FY62 FY63 FY64 FY65 FY67 FY68 FY69 FY70 FY71 FY72 FY73 FY74 STRATEGIC OFFENSIVE FY75 Missiles (a) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs TACTICAL OFFENSIVE Bombe ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW MAA

TOTAL WARHEADS

(a) - Polaris.

NUCLEAR WARHEAD DEPLOYMENTS

PACIFIC (a)

FY61 FY62 FY63 FY64 FY65 FY66 FY68 FY67 FY69 FY70 FY71 FY72 FY73 FY74 FY75 STRATEGIC OFFENSIVE Missiles (b) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe (c) TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other (e) Tube Artillery 8-inch Howitzer 155mm Howitzer Other (f) TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW AAW TOTAL WARHEADS

- (a) Does not include Alaska, Hawaii and Afloat.
- (b) Regulus.
- (c) Thor.
- (d) Four Nike Zeus not included in FY 64 and FY 65 totals. (e) Matador, Lacrosse.
- (f) 280mm Gun.

C-20

FORMERLY RESTRICTED DATA

NUCLEAR WARHEAD DEPLOYMENTS

GUAM

STRATEGIC OFFENSIVE Missiles (a) Bombs and ASMs

٠..

STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe

TACTICAL OFFENSIVE Bombs

ASM (Walleye) Tactical Missiles

Mace

Honest John Little John

Pershing Sergeant

Davy Crockett Other (b)

Tube Artillery 8-inch Howitzer 155mm Hovitzer Other

TACTICAL DEFENSIVE

ADMa

Tactical Air Defense Falcon

Nike Hercules

FLEET ASW/AAW

ASW AAW

TOTAL WARHEADS

(a) - Regulus.

(b) - Lacrosse.

FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY69 FY70 FY71 FY72 FY73 FY74 FY75

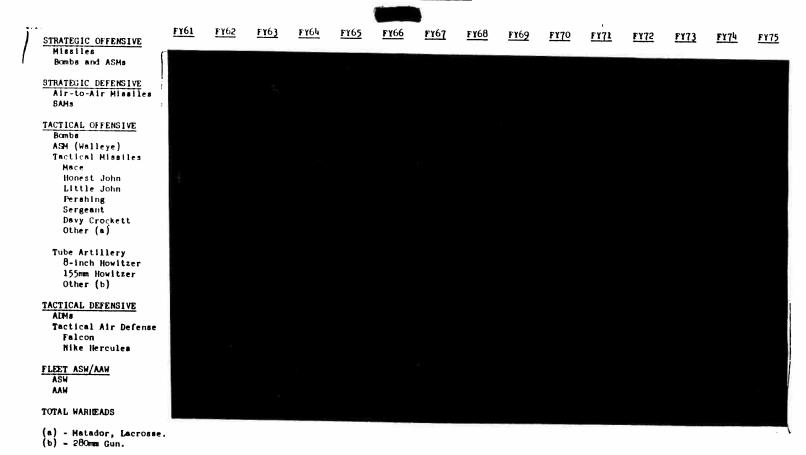


NUCLEAR WARHEAD DEPLOYMENTS NUCLEAR WARHEAD DEPLOYMENTS JOHNSTON ISLAND FY61 **FY62** FY63 FY64 FY65 FY66 STRATEGIC OFFENSIVE FY65 FY66 FY67 FY68 FY69 FY70 FY71 STRATEGIC OFFENSIVE Missiles (a) O Missiles Bombs and ASMs Bombs and ASMs STRATEGIC DEFENSIVE STRATEGIC DEFENSIVE Air-to-Air Missiles Air-to-Air Missiles SAMe SAMs (a) TACTICAL OFFENSIVE TACTICAL OFFENSIVE Bombs Bombs ASM (Walleye) ASM (Walleye) Tactical Missiles Tactical Missiles Mace Mace Honest John Honest John Little John Little John Pershing Pershing Sergeant Sergeant Lance Lance Davy Crockett Davy Crockett Other Other Tube Artillery Tube Artillery 8-Inch Howltzer 8-inch Howitzer 155mm Howltzer 155mm Howitzer Other Other TACTICAL DEFENSIVE TACTICAL DEFENSIVE ADM8 Tactical Air Defense ADMs Tactical Alr Defense Falcon Falcon Nike Hercules Nike Hercules FLEET ASW/AAW ASW FLEET ASW/AAW MAA ASH MAA TOTAL WARIEADS TOTAL WARIEADS (a) - Regulus. (a) - Thor.

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Unsutherized discissional Services 10
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NUCLEAR WARHEAD DEPLOYMENTS



NUCLEAR WARHEAD DEPLOYMENTS NUCLEAR VARHEAD DEPLOYMENTS MIDWAY ISLAND FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY62 FY61 FY63 FY64 FY65 STRATEGIO OFFENSIVE STRATEGIC OFFENSIVE Missiles Missiles Bombs and ASMs Bombs and ASMs STRATEGIC DEFENSIVE STRATEGIC DEFENSIVE Air-to-Air Missiles Air-to-Air Missiles SAMs (a) SAMs TACTICAL OFFENSIVE TACTICAL OFFENSIVE Bombs Borebs ASM (Walleye) ASM (Walleye) Tactical Missiles Tactical Missiles Mace Mace Honest John Honest John Little John Little John Pershing Pershing Sergeant Sergeant Lance Lance Davy Crockett Davy Crockett Other Other Tube Artillery Tube Artillery 8-Inch Howitzer B-inch Howitzer 155mm Howltzer 155mm Howitzer Other Other TACTICAL DEFENSIVE TACTICAL DEFENSIVE AIMs ADHs Tactical Air Defense Tactical Air Defense Falcon Falcon Nike Hercules Nike Hercules FLEET ASW/AAW FLEET ASW/AAW ASW ASW AAW AAW TOTAL WARHEADS

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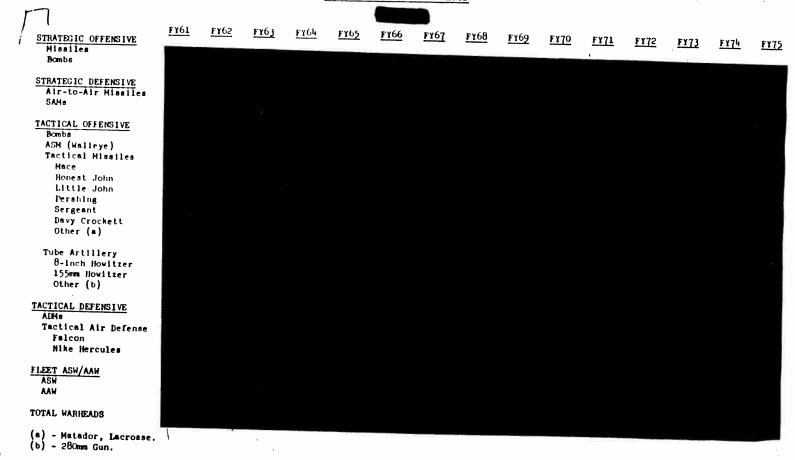
(a) - Nike Zeus, not included in total deployment figures.

TOTAL WARREADS



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NUCLEAR WANHEAD DEPLOYMENTS



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NUCLEAR WARHEAD DEPLOYMENTS

STRATEGIC OFFENSIVE Missiles

Missiles
Bombs and ASMs

STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE
Bombs
ASM (Walleye)
Tactical Missiles
Mace
Honest John
Little John
Pershing
Sergeant
Lance

Tube Artillery 8-inch Howitzer 155mm Howitzer Other

Davy Crockett Other (a)

TACTICAL DEFENSIVE
ADMs
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASW/AAW ASW AAW

TOTAL WARHEADS

(a) - Matador.

FY61 E405 FY65 FY68 FY69 FY70 FY72 FY73 FY74 FY75

C-26

NUCLEAR WARHEAD DEPLOTMENTS

FY63 FY64 FY65 FY6

<u>FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY69 FY70 FY71 FY72 FY73 FY74 FY75</u>

Bombs and ASMs

STRATEGIC DEFENSIVE

STRATEGIC OFFENSIVE

Missiles

Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE
Bombs
ASM (Walleye)

Tactical Missiles Mace

Honest John
Little John
Pershing
Sergeant
Lance
Davy Crockett

Other
Tube Artillery
8-inch Howitzer

155mm Howitzer Other

TACTICAL DEFENSIVE
ADMs
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASW/AAW ASW AAW

TOTAL WARHEADS

C-27

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NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT SUMMARY (a)

FY61 FY62 FY63 FY64 FY66 FY67 FY68 FY69 FY70 FY71 FY72 FY73 FY74 FY75 STRATEGIC OFFENSIVE Missiles (b) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Hissiles 8 MA B TACTICAL OFFENSIVE Bombe ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other (c) Tube Artillery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADM 8 Tactical Air Defense Falcon Nike Hercules FLEET ASH/AAW WEA AAW TOTAL WARHEADS

- (a) Includes Atlantic, Pacific and Mediterranean.
- (b) Regulus, Polaris, Poseidon.
- (c) Matador

NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT - ATLANTIC

FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY69 FY70 FY71 STRATEGIC OFFENSIVE FY72 FY73 FY74 FY75 Missiles (a) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe TACTICAL OFFENSIVE Bomba ASM (Walleye) Tactical Hissiles Mace Honest John Little John Pershing Sergeant Davy Crockett Other Tube Artillery 8-inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW AAW TOTAL WARHEADS (a) - Polaris, Poseidon.

C-29

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NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT - PACIFIC

FY61 FY62 FY63 FY64 FY65 FY66 FY67 FY68 FY71 FY72 FY73 FY74 FY75 STRATEGIC OFFENSIVE Missiles (a) Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMe TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other (b) Tube Artillery 8-Inch Howitzer 155mm Howitzer Other TACTICAL DEFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW WAA TOTAL WARHEADS (a) - Regulus, Polaris.

(b) - Matador.

C-30

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HUCLEAR WARHEAD DEPLOYMENTS

AFLOAT - MEDITERPANEAN

SIFATEGIC OFFERSIVE Bissiles (a) Pembs and ASIs

STRATIGIS DEFERBIVE

/ ir-to-Air Missiles
SA4s

TACTICAL OFFERINE

ASA (knlleye)
Thatical Hissies

Eace Eonest John Little John Firshlig Eorgeant

Davy Crockett Ottor

Time Artillery p-Inch Howitzer 155mm Howitzer Other

TACTICAL DEFENSIVE
ADMS
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASH/AAH ASH AAH

TOTAL WARIEADS

(a) - Polaris,

1161 <u>1702</u> <u>FY63</u> <u>FY64</u> <u>FY65</u> <u>FY66</u> <u>FY67</u> <u>FY68</u> <u>FY69</u> <u>FY70</u> <u>FY71</u> <u>FY72</u> <u>FY73</u> <u>FY74</u> <u>FY75</u>

C-31

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NUCLEAR WARHEAD DEPLOYMENTS

TOTAL-DoD

<u>FY76</u>

FY77

FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

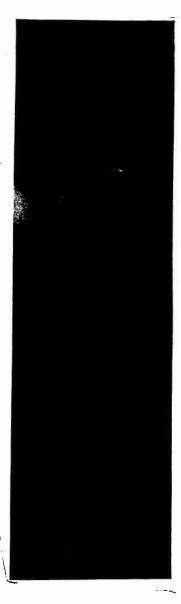
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



C-32

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NUCLEAR WARHEAD DEPLOYMENTS

CONUS-DoD

FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

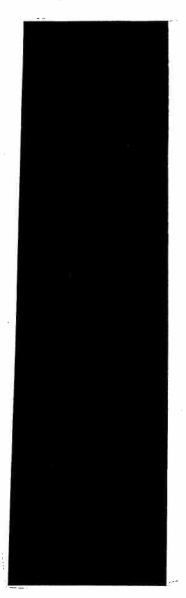
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



TOP SECTION TO SECTION TO SUPERING THE PARTY OF THE PARTY

NUCLEAR WARHEAD DEPLOYMENTS

OUTSIDE CONUS

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace ·

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

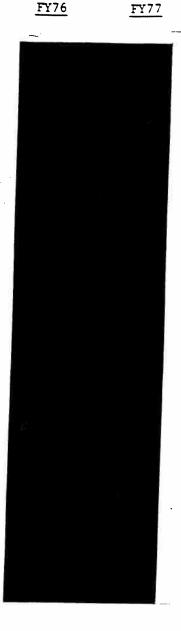
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

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NUCLEAR WARHEAD DEPLOYMENTS

ALASKA

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFERSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DFFENSIVE

ADMs

Tactical Air Defense

Falcon

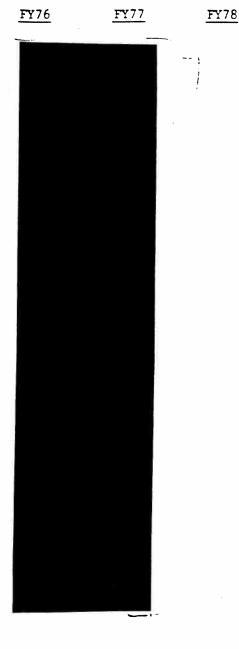
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



C-35

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NUCLEAR WARHEAD DEPLOYMENTS

HAWAII

STRATEGIC OFFENSIVE Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

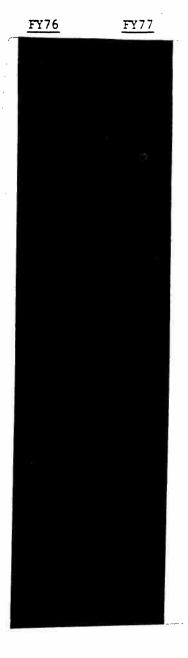
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

C-36

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NUCLEAR WARHEAD DEPLOYMENTS

NATO EUROPE

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

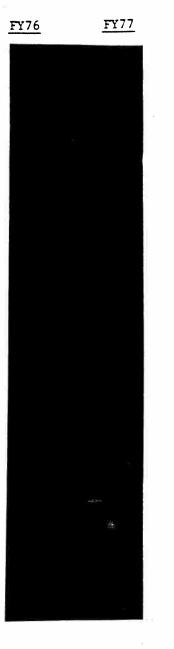
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

C-37

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NUCLEAR WARHEAD DEPLOYMENTS

FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

Nike Hercules

FLEET ASW/AAW

ASW

AAW

/ TOTAL WARHEADS

C-38

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NUCLEAR WARHEAD DEPLOYMENTS

FY76

FY77

FY78

STRATEGIC OFFENSIVE
Missiles
Bombs and ASMs

STRATEGIC DEFENSIVE
Air-to-Air Missiles
SAMs

TACTICAL OFFENSIVE

Bombs
ASM (Walleye)
Tactical Missiles
Mace
Honest John
Little John
Pershing
Sergeant
Lance
Davy Crockett
Other

Tube Artillery 8" Howitzer 155mm Howitzer Other

TACTICAL DEFENSIVE

ADMs
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASW/AAW ASW AAW

TOTAL WARHEADS

C - 39

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NUCLEAR WARHEAD DEPLOYMENTS

FY78 FY77 FY76 STRATEGIC OFFENSIVE Missiles Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace ' Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8" Howitzer 155mm Howitzer Other TACTICAL DFFENSIVE ADMs Tactical Air Defense Falcon Nike Hercules FLEET ASW/AAW ASW AAW

C-40

. TOTAL WARHEADS

IOP SECRET

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Administrative and Aminist Senctions. Hendle
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NUCLEAR WARHEAD DEPLOYMENTS

FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS

C-41

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Unauthorized disclosing Tubycst to
Administrative and Control Sanctics Handle
as Restricted data in Foreign Dissemination
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NUCLEAR WARHEAD DEPLOYMENTS

<u>FY76</u> <u>FY77</u> <u>FY78</u>

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS

C-42

IAP SECRET

FORMERLY RESTRICTED DATA
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Administrative and Confl. Sanzilons Handle
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NUCLEAR WARHEAD DEPLOYMENTS

UNITED KINGDOM

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

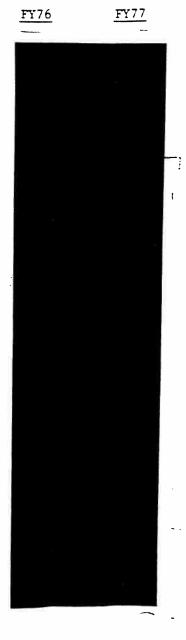
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

TOP SECRET

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Administrative and iminal Samirums mandle
as Restricted Data in Foreign Dissemination
144.b., Atomic Energy Act. 1954.

NUCLEAR WARHEAD DEPLOYMENTS

WEST GERMANY

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

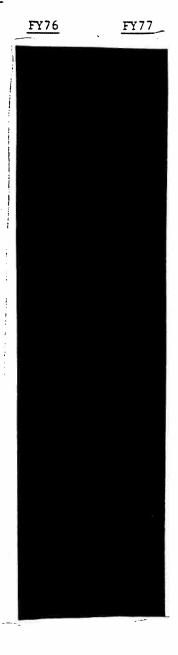
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

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Administrative and Criminal Sanctions Mandie as Resourced Data in Foreign Dissemination

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NUCLEAR WARHEAD DEPLOYMENTS

ATLANTIC

STRATEGIC OFFENSIVE Missiles Bombs and ASMs STRATEGIC DEFENSIVE Air-to-Air Missiles SAMs TACTICAL OFFENSIVE Bombs ASM (Walleye) Tactical Missiles Mace Honest John Little John Pershing Sergeant Lance Davy Crockett Other Tube Artillery 8" Howitzer 155mm Howitzer Other

TACTICAL DEFENSIVE

ADMs

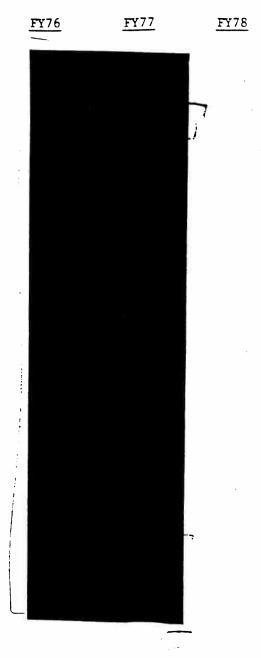
Tactical Air Defense Falcon Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



TOP SECRET

FORMERLY RESTRICTED DATA
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Section 144.b., Atomic Energy Act. 1954.

NUCLEAR WARHEAD DEPLOYMENTS

FY76

FY77

F:78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleve)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS

C-46

TOP SECRET

FORMERLY RESTRICTED BATA

Unauthorized discretive subject to

Administrative of Criminal Sanctions, mandie
as Restricted Data in Foreign Dissemination
votion 144.b., Atomic Energy Act, 1954.

NUCLEAR WARHEAD DEPLOYMENTS



FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles Eombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE

Bombs
ASM (Walleye)
Tactical Missiles
Mace
Honest John
Little John
Pershing
Sergeant
Lance
Davy Crockett

Tube Artillery 8" Howitzer 155mm Howitzer Other

Other

TACTICAL DEFENSIVE

ADMs
Tactical Air Defense
Falcon
Nike Hercules

FLEET ASW/AAW

ASW AAW

TOTAL WARHEADS

TOP SECRET

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Unauthorized custome some rubic of to
Administrative no Crimina: Sanction Hundre
as Districted Data in Foreign Dissemination
Section 144.b., Atomic Energy Act. 1954.

NUCLEAR WARHEAD DEPLOYMENTS

PACIFIC

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

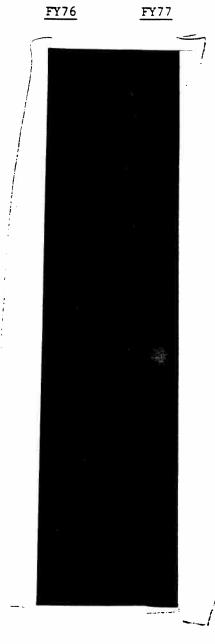
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

C-48

TOP SECRET

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NUCLEAR WARHEAD DEPLOYMENTS

GUAM

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

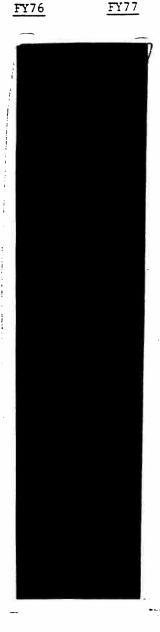
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

C-49

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NUCLEAR WARHEAD DEPLOYMENTS

FY76 FY77 FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DFFENSIVE

ADMs

Tactical Air Defense

Falcon

Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS

C-50

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NUCLEAR WARHEAD DEPLOYMENTS

FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS

TOP OFFICE

OFFICE OF STREET OF SEMENTATION

NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT SUMMARY

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

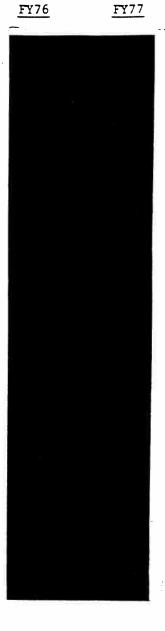
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



FY78

C-52

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NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT-ATLANTIC

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

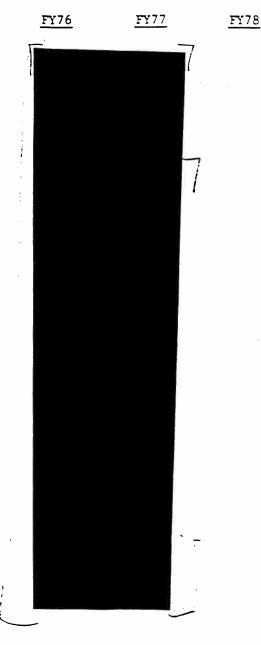
Nike Hercules

FLEET ASW/AAW

ASW

 $AA \overrightarrow{w}$

TOTAL WARHEADS



C-53

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NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT-PACIFIC

FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

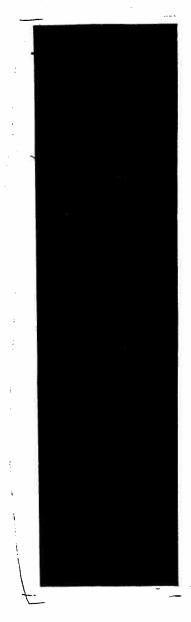
Nike Hercules

FLEET ASN/AAN

ASW

AAW

TOTAL WARHEADS



C-54

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NUCLEAR WARHEAD DEPLOYMENTS

AFLOAT-MEDITERRANEAN

FY76

FY77

FY78

STRATEGIC OFFENSIVE

Missiles

Bombs and ASMs

STRATEGIC DEFENSIVE

Air-to-Air Missiles

SAMs

TACTICAL OFFENSIVE

Bombs

ASM (Walleye)

Tactical Missiles

Mace

Honest John

Little John

Pershing

Sergeant

Lance

Davy Crockett

Other

Tube Artillery

8" Howitzer

155mm Howitzer

Other

TACTICAL DEFENSIVE

ADMs

Tactical Air Defense

Falcon

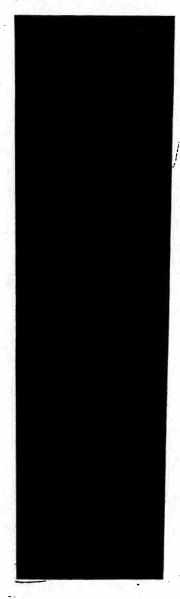
Nike Hercules

FLEET ASW/AAW

ASW

AAW

TOTAL WARHEADS



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APPENDIX D

NUCLEAR WEAPONS

AUTHORIZATION AND DISPERSALS

BY LOCATION

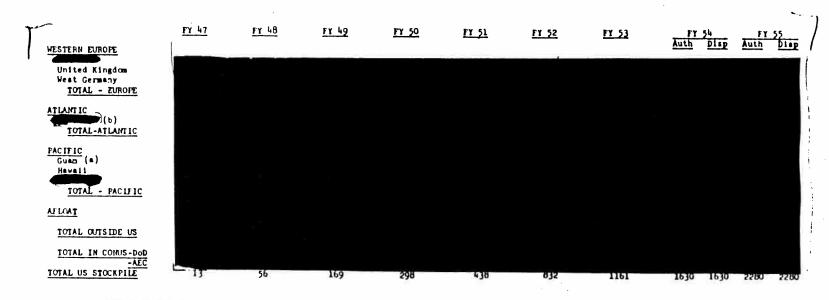
(FY 1947 through FY 1977)

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Section 144.b., Atomic Energy Act. 1934.

NUCLEAR WEAPONS AUTHORIZATIONS AND DISPERSALS BY LOCATION PY 1947 through FY 1975



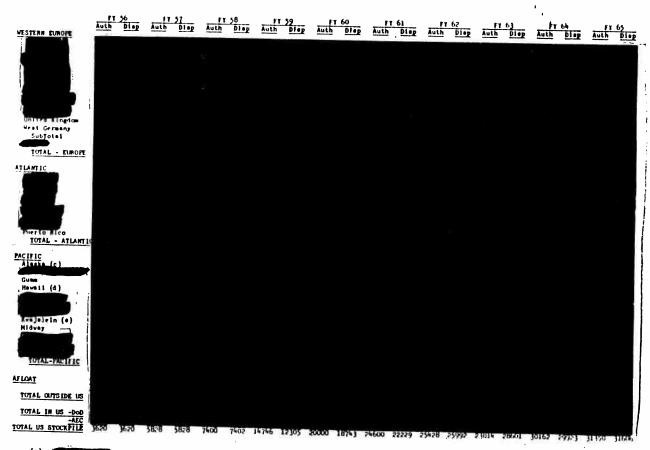
(a) - were transferred from AEC to General Vandenburg in April 1951 and were then deployed to Guam.
(b) - Although authorized, weapons were never deployed to these countries.

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NUCLEAR WEATONS
AUTHORIZATIONS AND DISPERSALS BY
LOCATION FY 1947 through FY 1975 (Continued)



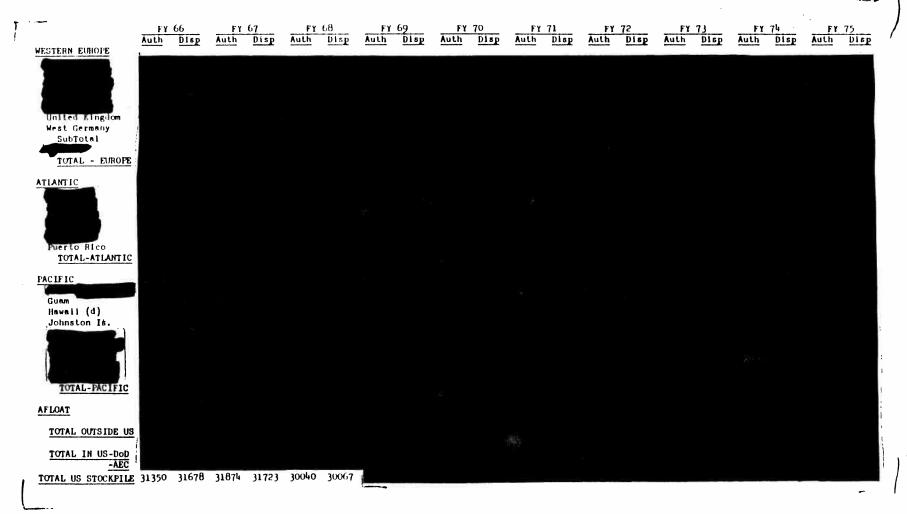
were transferred from AEC to General Vandenburg in April 1951 and were then deployed to Guam. (e) - Nithough authorized, weapons were never deployed to these countries,
(-) - Alaska included in U.S. totals commencing 1950,
(d) - Hawell included in U.S. totals commencing 1961,
(e) - Bot included in totals commencing 1960,

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NUCLEAR WEAPONS AUTHORIZATIONS AND DISPERSALS BY LOCATION

FY 1947 through FY 1975 (Continued)



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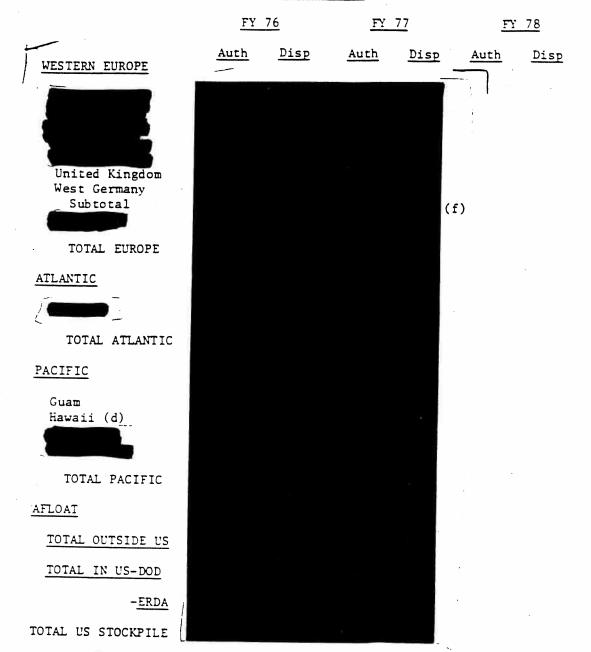
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NUCLEAR WEAPONS

AUTHORIZATIONS AND DISPERSALS

BY LOCATION



- (f) warheads in excess to European requirements being retained in-theater for MBFR purposes.
- (g) additional warheads were deployed to Government request and US Presidential approval.

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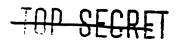
APPENDIX E

NUCLEAR WEAPONS STOCKPILE

(End FY 1947 through End FY 1977)

- NOTES: 1. The warhead totals include those for maintenance, retrofit, stockpile sampling, destructive testing, operational spares and retirement.
 - 2. The differences between the individual totals in these stockpile tables and other tables involve unassociated warheads and certain weapons held by the DoE (formerly AEC) in CONUS.
 - 3. The MACE and MATADOR missiles were classed as strategic offensive weapons during the period 1955 through 1960. Subsequently, they were classed as tactical offensive missiles.

E-1





NUCLIAR WEAPONS STOCKPILE (End Fiscal Year)

F154 F159 FY53 STRATEGIC OFFERINIVE MARHEADS Land Based Hissiles NA 5 210 Cap NATADOR HE DE YE MACE 104 78 Y2 MACE 12: 49 Y1 ATLAS/THOR 10: 49 YE ATLAS D Mk 49 Y2 JUPITER Sea Based Hissiles 15 5 150/210 Cap REGULUS I HOL 27 REGULUS I TOTAL STRATEGIC OFFENSIVE MISSILES TACTICAL OFFENSIVE Bear I's Int Man Little Boy 111 #04 10x 1V 110/130/140 Caps MP 5 130/240 Caps MR 5 110/170/260 Caps 10k 5 150/210 Caps 10x 5 190 Caps NR 6 130/240 Caps NR. 6 110/170/260 Caps 10x 6 150/210 Caps MD 7 160/190 Caps 10k 7 130/246 Caps 10k 7 110/150/119/210/260 Caps 10k 8 991/992 PZ Gun Cores IR 11 991/992 PZ Gun Cores Mk 12 190 Caps Mk 12 130/240 Cape 19x 12 110/170/260 Caps Mr 14 150 Cap KA 15 150 CAP FDK 15-2 Mk 17 150 Cap 10k 18 150/210 Caps Mk 21 150 Cap NR 24 150 Cap FGK 27

TOP SECRET

NUCLEAR WEAPONS STOCKPILE (Continued) FY47 FY48 TACTICAL OFFENSIVE (Continued) FY50 FY51 FY52 FY56 FY58 Bombs (Continued) Mk 28 Y1 MX 28 Y2 MX 28 Y3 MDK 28 Y4 MR 34 HOTPOINT (MR 105) Mk 36 Y1/2 150 Cap Mk 36 Y1/2 Mk 39 150 Cap Mk 39-1/2 TOTAL TACTICAL BOMBS Tactical Missiles Mk 7 130/240 Caps CORPORAL Mk 7 110/170/210/260 Caps CORPORAL Mk 7 190 Cap HONEST JOIN MR 7 130/240 Caps HONEST JOHN Mk 7 110/170/260 Caps HONEST JOHN Mk 31 Y1 HONEST JOHN MR 31 Y2 HONEST JOHN Mk 31 Y3 HONEST JOIN MR 39 Y2 REDSTONE MR 40 YI LACROSSE MR 40 Y2 LACROSSE Nuclear Artillery Mk 9 280mm Gun Mk 19 991/992 PZ 280mm Gun Mk 19 993 PY 280mm Gun Mk 23 16-Inch Shell Mk 33 992 PZ 8-inch Howitzer TOTAL TACTICAL MISSILES/ARTILLERY TACTICAL DEFENSIVE ADMs T-4 992 PZ Gun Type Mk 7 ADM 270/280 Caps Mk 7 ADM 190 Cap Mk 7 ADM 130/240 Caps Mk 7 ADM 110/170/260 Caps

RESTRICTED DATA

TACTICAL DEFENSIVE (Continued)

TOTAL TACTICAL DEFENSIVE WARHEADS

Mk 7 130/240 Caps BETTY Mk 7 110/170/260 Caps BETTY Mk 34 LULU (Mk 101)

GRAND TOTAL - NUCLEAR WARHEADS

Air Defense
Mk 25-0 GENIE
Mk 31 Y1 NIKE HERCULES
Mk 31 Y2 NIKE HERCULES
Mk 31 Y4 NIKE HERCULES
Mk 40 Y1 BOHARC

FLEET ASW/AAW ASW

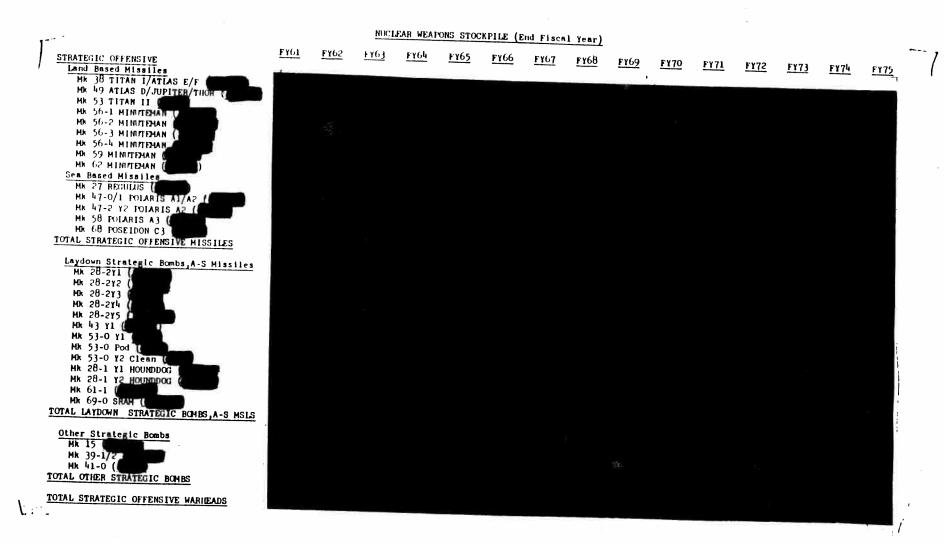
Mk 30 TALOS TOTAL ASW/AAN WARIEEADS

MAA

NUCLEAR WEAPONS STOCKPILE (Continued) FY60 FY51 FY57 FY58 FY59 FY47 F.A.# () FY52 FY53 7402 12305 832 1630 2580 3620 5828 18743 13 - 56 298 438 1161 169

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MICLEAR WEAPONS STOCKPILE (Continued) FY61 FY62 FY63 FY64 FY65 FY66 **FY67** FY69 STRATEGIC DEFENSIVE Air-to-Air Missiles Mk 25-0 GENIE Mk 54-0 FALCON Surface-to-Air Missiles Mk 31-0 YI NIKE HERCULES Mk 31-0 Y2 NIKE HERCULES Mk 31-0 Y4 NIKE HERCULES (Mk 40-0 Y1 BOMARC M MR 49-6 Y2 THOR ! Mk 50 Y3 Program Mk 66 YI SITRINT (Mk 71 YI SPARTAN TOTAL STRATEGIC DEFENSIVE MISSILES TOTAL STRATEGIC WARIEADS TACTICAL OFFENSIVE Tactical Bombs Mk 5 170/260 Cap Mk 5 190 Cap (Mk 5 210 Cap Mk 5 240 Cap MX 7 170/260 Cap Mk 7 190 Cap Mk 7 210 Cap Mk 7 240 Cap Mk 27-1 Mk 28-1/2 12 (Mk 28-1/2 Y3 Mk 28-2 Y1 (Mk 34-2 HOTPOINT Mk 43 Y1 Mk 43 Y2 Mk 43 Y3 Mk 43 Y4

Mk 43 Y5 (

Mk 45-0 Y1 BULLPUP

FY70

FY71

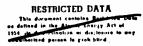
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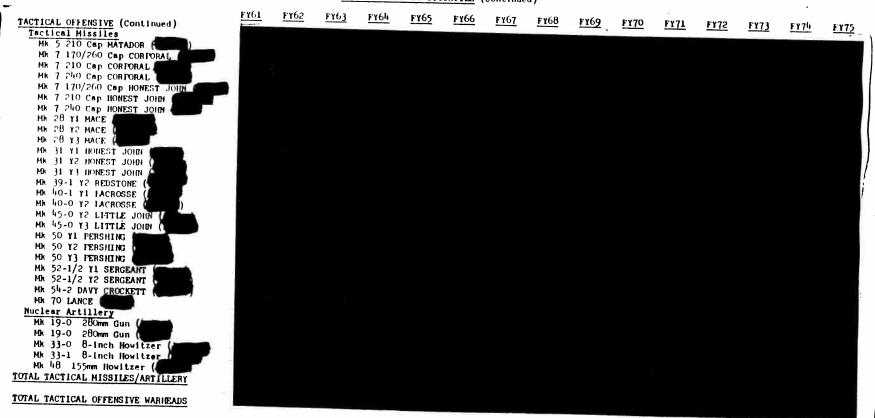
FY74

FY75

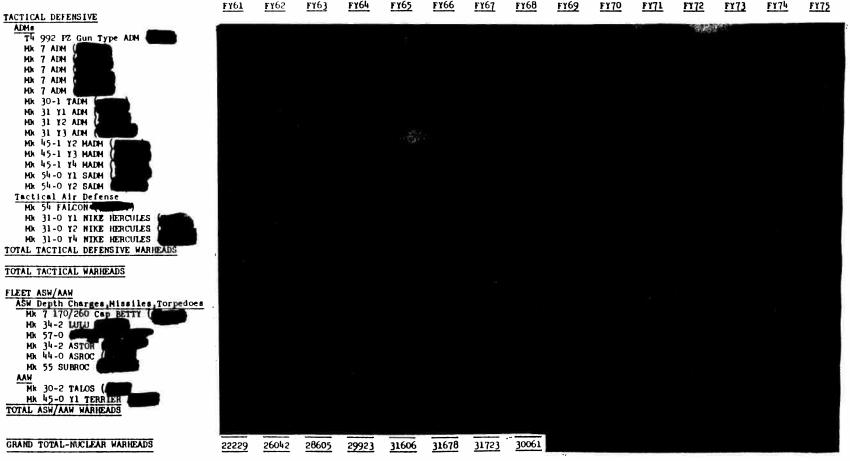
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NUCLEAR WEAPONS STOCKPILE (Continued)



NUCLEAR WEAPONS STOCKPILE (Continued)



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GRAND TOTAL-NUCLEAR WARHEADS

Mk 7 ADM Mk 7 ADM MDk 7 ADM HIR 7 ADM HIK 7 ADM

FLEET ASW/AAW

MAA

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APPENDIX E

NUCLEAR WEAPONS STOCKPILE

FY76 FY77 FY78 STRATEGIC OFFENSIVE Land Based Missiles MK 53 TITAN II (MK 56-4 MINUTEMAN MK 62 MINUTEMAN (Sea Based Missiles MK 58 POLARIS A3 MK 68 POSEIDON C3 TOTAL STRATEGIC OFFENSIVE MISSILES Lavdown Strategic Bombs, A-S Missiles MK 28-2Y1 MK 28-2Y2 MK 28-2Y3 MK 28-2Y5 MK 43Y1 MK 53-0Y1 MK 53-0Y2 MK 28-1Y1 HOUNDDOG MK 61-1 (MK 69-0 SRAM TOTAL LAYDOWN STRATEGIC BOMBS, A-S MSLS Other Strategic Bombs MK 41-0 (TOTAL OTHER STRATEGIC BOMBS TOTAL STRATEGIC OFFENSIVE WARHEADS STRATEGIC DEFENSIVE Air-to-Air Missiles MK 25-0 GENIE Surface-to-Air Missiles MK 66 Yl SPRINT MK 71 Y1 SPARTAN TOTAL STRATEGIC DEFENSIVE MISSILES TOTAL STRATEGIC WARHEADS

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FY76 FY77 FY78

TACTICAL OFFENSIVE Tactical Bombs MK 28-1/2Y2 MK 28-1/2Y3 MK 43 Y1 MK 43 Y2 MK 43 Y2 MK 43 Y3 MK 43 Y4 MK 43 Y5 MK 57-1/2 MK 61-0 MK 61-2 MK 72 Y1 WALLEYE

TOTAL TACTICAL BOMBS

Tactical Missiles

MK 31 Y1 HONEST JOHN

MK 31 Y2 HONEST JOHN (

MK 31 Y3 HONEST JOHN (MK 50 Y1 PERSHING

MK 50 Y1 PERSHING

MK 50 Y2 PERSHING (MK 50 Y3 PERSHING (

MK 52-1/2Y1 SERGEANT

MK 52-1/2Y2 SERGEANT (

MK 70 LANCE

Nuclear Artillery

MK 33-0 8-inch Howitzer (

MK 33-1 8-inch Howitzer (

MK 48 155mm Howitzer (



TOTAL TACTICAL MISSILES/ARTILLERY

TOTAL TACTICAL OFFENSIVE WARHEADS

TACTICAL DEFENSIVE

ADMs

MK 45-1 Y2 MADM

MK 45-1 Y3 MADM

MK 45-1 Y4 MADM MK 54-0 Y1 SADM

MK 54-0 Y2 SADM



Tactical Air Defense

MK 31-0 Y1 NIKE HERCULES

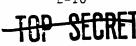
MK 31-0 Y4 NIKE HERCULES

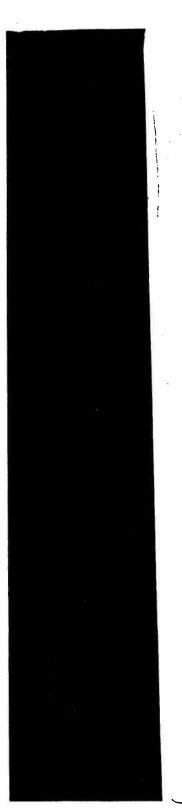


TOTAL TACTICAL DEFENSIVE WARHEADS

TOTAL TACTICAL WARHEADS







FLEET ASW/AAW

ASW Depth Charges, Missiles, Torpedoes

MK 57-0 🌽

MK 34-2 ASTOR

MK 44-0 ASROC

MK 55 SUBROC (

AAW

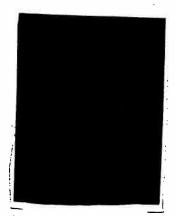
MK 30-2 TALOS

MK 45-0 Y1 TERRIER

TOTAL ASW/AAW WARHEADS

GRAND TOTAL NUCLEAR WARHEADS

FY76 FY77 <u>FY78</u>



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APPENDIX F

POLICY AND GUIDANCE STATEMENTS

<u>FOR</u>

CUSTODY OF NUCLEAR WARHEADS FOR

ARMY NATIONAL GUARD NIKE-HERCULES (U)



APPENDIX F

POLICY STATEMENT FOR CUSTODY OF NUCLEAR WARHEADS FOR ARMY NATIONAL GUARD NIKE-HERCULES (U)

- 1. (6) The custody of nuclear weapons deployed with the Army National Guard units, at all times until released for use, will be with members of the Army National Guard who are employed by the Federal Government as National Guard technicians. Release of these weapons for tactical employment will be authorized only by officers of the U.S. Armed Forces on active duty through a Federal chain of command.
- 2. (2) Active Army Commanders will exercise their command responsibility for the custody and control of deployed nuclear warheads for Army National Guard NIKE-HERCULES units through a Federal chain of command to include responsibility for: the transfer, movement, and access to nuclear weapons and the maintenance of accountability of nuclear weapons. Accountability of nuclear warheads will be maintained by Active Army Accountable Officers of Army Area commands. The Active Army Commander's other responsibilities for safety, security, storage, and maintenance of nuclear weapons at the sites may be discharged for him by the participating States through their National Guard chain of command as mutually agreed with each Governor concerned.

GUIDANCE FOR CUSTODY AND CONTROL OF WARHEADS FOR ARMY NATIONAL GUARD NIKE-HERCULES (U)

- 1. (U) Purpose. To establish the policy of responsibilities for custody and control of nuclear warheads for the NIKE-HERCULES/MK 31 System when issued to the Army National Guard.
- 2. (U) Employment of Nuclear Weapons. Nuclear weapons will be provided for tactical employment by Army National Guard air defense units in accordance with:
- a. The appropriate (1) rules of engagement or (2) interception and engagement instructions and procedures.
- b. The authority and conditions specified by the commander of the unified command.

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3. (6) Policy. The custody of nuclear weapons dispersed at National Guard areas (on site) at all times until released for use, will be with members of the Army National Guard who are employed by the Federal Government as National Guard technicians. Release of these weapons for tactical employment will be authorized only by officers of the U.S. Armed Forces on active duty through a Federal chain of command.

4. (%) Custody of Nuclear Warheads for Army National Guard NIKE-HERCULES

- a. <u>Custody of Nuclear Warheads</u>. Custody is the responsibility for:
 (1) the control of transfer, movement, and access to atomic weapons and (2) the maintenance of accountability of atomic weapons including nuclear and non-nuclear components. (AEC-DoD Stockpile Operations Agreement, March 1967)
- b. <u>Custodial Requirements</u>. The custodial requirements for National Guard technicians are:
- (1) The transfer and movement of nuclear weapons within National Guard areas (sites) will be controlled for the responsible Active Army Command by custodians who are members of the Army National Guard employed by the Federal Government as National Guard technicians. An Active Army Commande: will be directly responsible for transfer and movement of nuclear weapons to and from such areas.
- (2) The senior National Guard technician on duty at each site will control access to nuclear weapons for the responsible Active Army Commander. Access should be controlled to the extent that it would take an act of force against an individual in a National Guard technician status and, therefore, against the Federal Government to gain unauthorized access to a nuclear weapon.
- (3) Army Accountability Requirements. An Active Army Accountable Officer under an appropriate command will maintain accountability of nuclear weapons.

5. (8) Release of Nuclear Warheads Dispersed to Army National Guard NIKE-HERCULES Sites.

- a. Control procedures will be established to prevent the launching of a nuclear-armed missile prior to authorized release for operational employment.
- b. NIKE-HERCULES arm plugs will be inserted in missiles only when authorized by appropriate Active Army authority. At all other times, arm plugs will be removed and safeguarded as a positive means of preventing unauthorized arming.

- of nuclear weapons as described above, the Commander in Chief, U.S. Army, of nuclear weapons as described above, the Commander in Chief, U.S. Army, Pacific (CINCUSARPAC) and the Commanding General, U.S. Army Air Defense Command (CGARADCOM), retain command responsibility for safety, security, storage, and maintenance of these weapons. By mutual agreement with the Governors of the States concerned, CINCUSARPAC and CGARADCOM are authorized to discharge these four latter responsibilities through the appropriate National Guard chain of command. This authorization is effective for so long as the National Guard conforms to pertinent directives. In exercising these responsibilities for safety, security, storage, and maintenance, appropriate Active Army Commanders will inspect Army National Guard air defense units and will provide such directives as may be required. The National Guard technicians will observe the proper implementation of these responsibilities.
- 7. (U) Safety. The safety rules for the NIKE-HERCULES nuclear weapon system must be understood and complied with L. National Guard personnel concerned.

8. (2) Security.

- a. <u>Installation Security</u>. <u>Installation security of on-site nuclear weapons</u> and all associated equipment is the responsibility of the State National Guard concerned. National Guard commanders will provide adequate guards to protect nuclear weapons and associated equipment located on-site. They will ensure the coordination and implementation of prescribed security measures. Detailed nuclear weapons security plans will be submitted to CINCUSARPAC or CGARADCOM for review and approval.
- b. <u>Security Clearances</u>. The appropriate security clearance will be obtained for each National Guard member before he may carry out his specific duty in support of this plan.
- c. Security Devices. As an aid to maintaining effective custody and security, intrusion alarm devices and sentry dogs will be used when practicable.
- 9. (U) Storage and Maintenance. The State National Guard concerned is responsible for proper storage and organizational maintenance of on-site nuclear warheads, utilizing as appropriate the authorized storage, maintenance, and assembly facilities made available by the Active Army. Appropriately trained and cleared National Guard personnel will accomplish organizational maintenance of nuclear warheads.



- 10. (U) <u>Custodial Personnel</u>. All National Guard technicians given custody of weapons will be officers, warrant officers, or enlisted personnel employed by the Federal Government as National Guard technicians responsive to the Secretary of Defense through a Federal chain of command. They will be qualified by training and/or experience and will have appropriate security clearances. Personnel and medical records will be screened, and behavior of individuals will be observed continually in order to detect promptly and/or prevent aberrant actions.
- 11. (U) <u>Inspections</u>. Army National Guard NIKE-HERCULES units equipped with a nuclear weapon system will be subject to inspection by representatives of agencies such as the appropriate unified or Army command, Department of the Army, or DASA.
- 12. (U) Agreement. A mutual agreement between the Governor of a participating State and CINCUSARPAC or CGARADCOM, or their designated representatives, consistent with this policy, will be negotiated, prior to the transfer of custody of nuclear weapons to National Guard technicians. The agreement will state explicitly that the National Guard technicians granted custody of nuclear weapons are under the sole final authority of a Federal chain of command in relation to their custodial responsibilities. Such agreement will be subject to approval by the commander of the appropriate unified command.

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- 12. (U) <u>Human Reliability Program</u>. The provisions of the US Air Force Human Reliability Program apply for each member of the ANG assigned responsibilities in support of this policy.
- 13. (U) <u>Inspections</u>. ANG units equipped with a nuclear weapon system will be subject to inspection by representatives of the appropriate unified or Air Force command, the Department of the Air Force, and the Defense Nuclear Agency.
- 14. (U) Agreement. An agreement between the governor of a participating state and the ADC or its designated representative, consistent with this policy, will be in effect prior to the transfer of custody of nuclear weapons to ANG technicians. The agreement will state explicitly that the ANG technicians granted custody of nuclear weapons are under the sole final authority of a Federal chain of command with respect to their custodial responsibilities. Such agreement will be subject to approval by the Commander, ADC.

with governors of states concerned for the discharge of these four latter responsibilities through the appropriate ANG chain of command. Appropriate active Air Force commanders will inspect ANG air defense units and will provide such directives as may be required.

7. (U) <u>Safety</u>. Safety rules and Air Force directives for Air Force fighter-interceptor nuclear weapon systems used by active Air Force units will be applicable to ANG units.

8. (2) Security.

- a. <u>Installation Security</u>. The security provided for nuclear weapons with ANG units will be comparable to that required for similar resources in the custody of active Air Force units. ANG commanders will provide sufficient security personnel to protect nuclear weapons and associated equipment wherever active Air Force security personnel are not provided. They also will insure the coordination and implementation of prescribed security measures. The commander responsible for security will submit detailed nuclear weapons security plans to the ADC for review and approval.
- b. <u>Security Clearances</u>. The appropriate security clearances for each member of the ANG will be obtained in accordance with DoD and Service directives before he may be assigned responsibilities in support of this policy.
- 9. (U) Storage and Maintenance. Properly trained and cleared ANG personnel will accomplish storage and maintenance of nuclear weapons. In cases where nontechnician ANG personnel accomplish storage and maintenance of nuclear weapons, they will always be under the direct supervision of technician personnel. For ANG units collocated with similar active Air Force units, storage and maintenance of nuclear weapons may be accomplished by active Air Force personnel.
- 10. (U) Convoy and Loading. Properly trained and cleared nontechnician ANG personnel are authorized to perform those operations relating to on-base convoy and loading of nuclear weapons. These operations will always be monitored by an ANG technician.
- 11. (U) <u>Custodial Personnel</u>. All ANG technicians given custody of nuclear weapons will be officers, warrant officers, or enlisted personnel employed by the Federal Government as ANG technicians responsive to the Secretary of Defense through a Federal chain of command. They will be qualified and will have appropriate security clearances.

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duty US Air Force personnel or with members of the ANG who are employed by the Federal Government as Air National Guard technicians. Release of these weapons for employment will be authorized only by officers of the US Armed Forces on active duty, through a Federal chain of command.

4. (2) Custody of Nuclear Weapons for ANG Units.

a. <u>Custody of Nuclear Weapons</u>. Custody is the control of transfer and movement of, access to, and accountability for nuclear weapons and components.

b. Custodial Requirements.

- (1) The transfer and movement of nuclear weapons by ANG units will be controlled for the responsible active Air Force commander by custodians who are active Air Force personnel or who are members of the ANG, employed by the Federal Government as Air National Guard technicians. An active Air Force commander will be directly responsible for transfer and movement of nuclear weapons to and from such units.
- (2) The senior ANG technician on duty in a unit, not collocated with a similar active Air Force unit, will control access to nuclear weapons for the responsible active Air Force commander. Access will be controlled to the extent that it would take an act of force against an individual in a National Guard technician status and, therefore, against the Federal Government to gain unauthorized access to a nuclear weapon. For ANG units collocated with similar active Air Force units, access to nuclear weapons may be controlled by active duty US Air Force personnel or by ANG technicians.
- (3) Accountability for nuclear weapons will be in accordance with established Air Force procedures.
- 5. (8) Release and Expenditure of Nuclear Weapons Deployed to ANG Units. Control procedures will be established to insure that nuclear weapons are not expended until receipt and authentication of an order conveying US Presidential authorization for the release of nuclear weapons.
- 6. (2) Command Responsibilities. In addition to responsibility for custody of nuclear weapons as described above, the Commander, US Air Force Aerospace Defense Command (ADC), retains command responsibility for safety, security, storage, and maintenance of these weapons. CINCONAD or the Commander, ADC, is authorized to enter into appropriate agreement



APPENDIX G

POLICY AND GUIDANCE STATEMENTS

FOR

CUSTODY OF NUCLEAR WEAPONS FOR

AIR NATIONAL GUARD

FIGHTER-INTERCEPTOR AIRCRAFT (U)

APPENDIX G

POLICY STATEMENT FOR CUSTODY OF NUCLEAR WEAPONS FOR AIR NATIONAL GUARD (U)

- 1. (9) The custody of nuclear weapons deployed with Air National Guard units will, at all times until nuclear weapons are released for use, be with active duty US Air Force personnel or with members of the Air National Guard who are employed by the Federal Government as Air National Guard technicians. Release of these weapons for employment will be authorized only by officers of the US Armed Forces on active duty, through a Federal chain of command.
- 2. (S) Active Air Force commanders will exercise their command responsibilities for the custody of deployed nuclear weapons for Air National Guard units through a Federal chain of command. These responsibilities include the transfer and movement of, access to, and accountability for nuclear weapons and components. The active Air Force commander's other responsibilities for safety, security, storage, and maintenance of nuclear weapons may be discharged for him by the participating states, through their Air National Guard chain of command, as mutually agreed with the govenor of each state concerned.

GUIDANCE FOR CUSTODY OF NUCLEAR WEAPONS FOR THE AIR NATIONAL GUARD FIGHTER-INTERCEPTOR AIRCRAFT (U)

- 1. (U) <u>Purpose</u>. To establish policy and responsibilities for custody of nuclear weapons when assigned to the Air National Guard (ANG) for employment in conjunction with fighter-interceptor aircraft.
- 2. (U) Employment of Nuclear Weapons. Nuclear weapons will be provided for employment by ANG air defense units in accordance with:
- a. The appropriate rules of engagement, or interception and engagement instructions and procedures.
- b. The authority and conditions specified by the commander of the appropriate unified command.
- 3. (2) Policy. The custody of nuclear weapons deployed with ANG units will, at all times until nuclear weapons are released for use, be with active



APPENDIX H

NUCLEAR AGREEMENTS ARRANGEMENTS

through 30 June 1975

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TYPES OF NUCLEAR AGREEMENTS

Atomic Stockpile Agreement (Umbrella Agreement)	 A. Gov't Bilateral Agreement between United States and a user Nation B. Provides for introduction and storage within a Country C. Provides Policy Guidance for- (1) Custody, Security, Safety and Release of weapon (2) Cost sharing arrangements and contruction criteria
Atomic Cooperation Agreement (Section 144B Atomic Energy Act)	 A. Gov't level Bilateral Agreement between United States and a user Nation B. Exchange of Atomic information useful for mutual Defense Purpose (Atomic Energy Act 1959 PL 85-479)
Service-Level Agreements	 A. Bilateral technical agreement between Military Services of the United States and the user nation B. Implement government-level stockpile agreement C. Provisions of stockpile agreement expanded and amplified in detain D. Defines and assigns responsibilities Command relationship, security, safety custody, etc.
"Third party" stockpile agreements	 A. Governmental-level agreement between United States - Third nation-and user nation B. Stockpiling within territorial limits third nation for use by NATO committed forces of signatory user nation C. Service-level agreements required to implement this agreement

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STATUS OF AGREEMENTS AND ARRANGEMENTS FOR NUCLEAR WEAPONS SUPPORT OF NON-U.S. NATO FORCES

COUNTRY	AGREEMENTS (Sec. 144b, A.E. Act)	ATOMIC STOCKPILE AGREEMENTS		SERVICE-TO-SERVICE TECHNICAL ARRANGEMENTS			
		IN COUNTRY	THIRD COUNTRY	USAFE	NA VEUR	USAREUR	
	* 5 May 1959	20 Nov 1958		· · · · · · · · · · · · · · · · · · ·	10172011	USAREUR	LANTFLT
	*27 Jul 1959	*17 Mar 1962		9 Jul 1959	(b)	28 Feb 1959	
		41 Mai 1902		***	(0)	20 Feb 1959	
	*11 Aug 1959	*30 Dec 1959					
		30 Dec 1939		3 May 1960	(b)	17 Jun 1960	
	* 3 Dec 1960	*13 Jan 1962			(-)	*1 Juli 1900	
		25 buil 1902		1 Apr 1963		1 Apr 1963	
	* 7 May 1959		* 6 0-1 20/0 / 1			1 ubt. 1963	
	*27 Jul 1961		* 6 Sep 1960 (a)	13 Mar 1962	62 (b) 27 Feb. 1961	27 Feb 1961	
			19 Sep 1963		(-)	c1 ten 1901	(
	*27 Jul 1959	*27 Mar 1959	#10 to 1 10(0 (o)				6 Feb 196
		-1 2777	*19 Jul 1962 (d)	10 Apr 1960	(b)	7 Apr 1960	
			19 Sep 1963		• ,	1 vbt 1300	
	#22 Jan 1960	*22 Jan 1960	# 2 1 10/0				
		2,000	* 3 Jun 1960	4 Oct 1960	(b)	7 Apr 1960	
			*19 Jul 1962 (d)			1 11pt 1300	
	*27 Jul 1959	*26 Jan 1960	*11 Mar 1961				
		, - ,	*19 Jul 1972 (d)	18 Apr 1962	14 Feb 1958	18 May 1960	27 Feb 196
			19 out 19/2 (a)			100	c1 ren 196
	*22 May 1959	*30 Sep 1963	*19 Jul 1962 (d)			3 Apr 1966 (
	*16 Aug 1963	. , ,	1) out 1902 (d)	18 Oct 1963			28 Dec 196
	*00 = 1 :==0 ()		•	15 May 1964	•	10 0uii 1904	27 Jul 196
	*22 Feb 1958 (f)	9 Jan 1952	*19 Jul 1962 (d)	10			c) 001 190
	* 4 Aug 1958	* 3 Aug 1961	-> 041 1302 (d)	18 Nov 1958	9 Jun 1966	25 Aug 1961	
	*18 Nov 1958 (h)	20 Feb 1964			3 Nov 1967	11 Jun 1959 (e	,)
	* 6 Jul 1961					18 Jun 1964	,,
	*13 May 1963 (1)					1 2 1 1 70 4	
TO (c)	22 tun 1055 / 1						
(-/	22 Jun 1955 (e) *18 Jun 1964	Accomplished	Accomplished	(5)	4. 1		
	"10 Juli 1964	Bi-Laterally	Bi-Laterally	(b)	(b)	(b)	
<u>107</u>	(d) - Multinational te West Germany an (e) - JUPITER forces (f) - U.S.	at these arrangement ATO as a regional de chnical arrangement	s are not required. fense organization perm for storage in West Gen portion con- er NATO agreement of 22 ered inactive due to phe ered inactive due to phe	y; currently consid its exchange of ato many between the U. sidered inactive bu Jun 1955; consider	mic informations., t not abrogated inactive but insidered inact assistant a	n only. d. t not abrogated ive but not abro	-

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AGREEMENTS/ARRANGEMENTS CONSIDERED - INACTIVE = NUCLEAR WEAFONS SUPPORT OF NON-US NATO FORCES

COUNTRY	COOPERATION AGREEMENTS	ATOMIC STOCKPILE AGREEMENTS		SERVICE-TO-SERVICE TECHNICAL ARRANGEMENTS				
	(Sec, 144b, A.E. Act)	IN COUNTRY	THIRD COUNTRY	USAFE .	NAVEUR	USAREUR	LANTFLT	
		20 Nov 1958		·				
	7 May 1959 27 Jul 1961		6 8ep 1960 19 8ep 1963	13 Mar 1962	None	27 Feb 1961	6 Feb 1962	
			19 Jul 1962					
	22 Feb 1958 18 Nov 1958	9 Jan 1952 20 Feb 1964				11 Jun 1959		
NATO	22 Jun 1955							

NOTE: Agreements/arrangements listed above are considered inactive due to phase out of a specific system or withdrawal of a country from NATO. None of the above agreements/arrangements have been abrogated.

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AGREEMENTS/ARRANGEMENTS CONSIDERED = ACTIVE = NUCLEAR WEAPONS SUPPORT FOR NON-US NATO FORCES

COUNTRY	(Sec. 144b, A.E. Act)	IN COUNTRY	PILE AGREEMENTS THIRD COUNTRY	SERVICE- USAFE	TO-SERVICE	TECHNICAL ARRA	NGEMENTS
	5 May 1959			OSAFE	NAVEUR	USAREUR	LANTELT
	27 Jul 1959	17 Mar 1962		9 Jul 1959		28 Feb 1959	
	11 Aug 1959	30 Dec 1959		3 May 1960		10	
	3 Dec 1960	13 Jan 1962		J , 1,00		17 Jun 1960	
	27 Jul. 10/0	- 7 - 1 1 702		1 Apr 1963		1 Apr 1963	
	27 Jul 1959	27 Mar 1959	19 Jul 1962(a) 19 Sep 1963	10 Apr 1960		7 Apr 1960	
	22 Jan 1960	22 Jan 1960	3 Jun 1960 19 Jul 1962(a)	4 Oct 1960		7 Apr 1965	
	27 Jul 1959	26 Jan 1960	11 Mar 1961 19 Jul 1962(a)	18 Apr 1962	14 Feb 195	68 18 May 1960	27 Feb 19
	22 May 1959 16 Aug 1963	30 Sep 1963		18 Oct 1963		3 Apr 1966 18 Jun 1964	
	4 Aug 1958 6 Jul 1961	3 Aug 1961	19 Jul 1962(a)	15 May 1964 18 Nov 1958	-9 Jun-196	6 25 Aug 1061	27 Jul 19
TO	13 May 1963 18 Jun 1964	Accomplished Bi-Laterally	Accomplished Bi-Laterally		3 Nov 196	7 18 Jun 1964	

NOTE: (a) - Multinational technical arrangement for storage in West Germany between the U.S.,

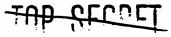
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APPENDIX I

STORAGE LOCATION MAPS

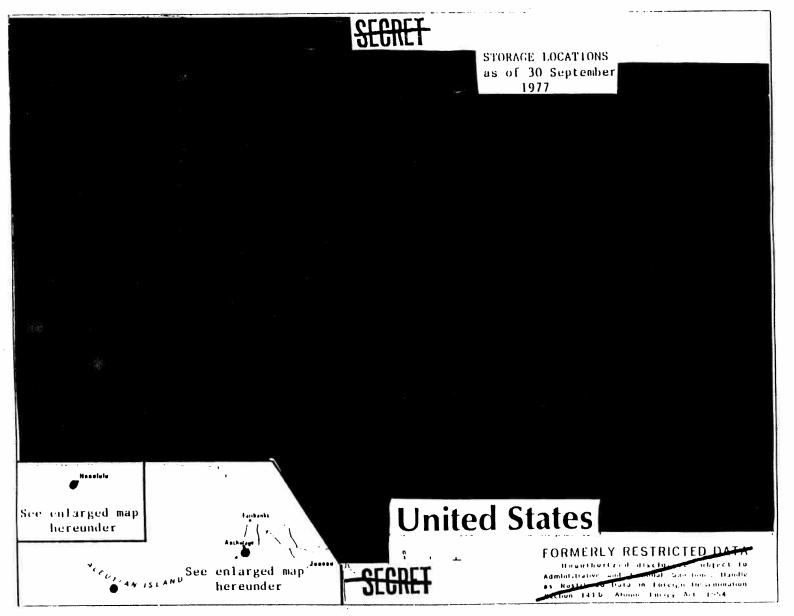
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NOTE: Maps are assembled in the same order as the deployment tables in Appendix C

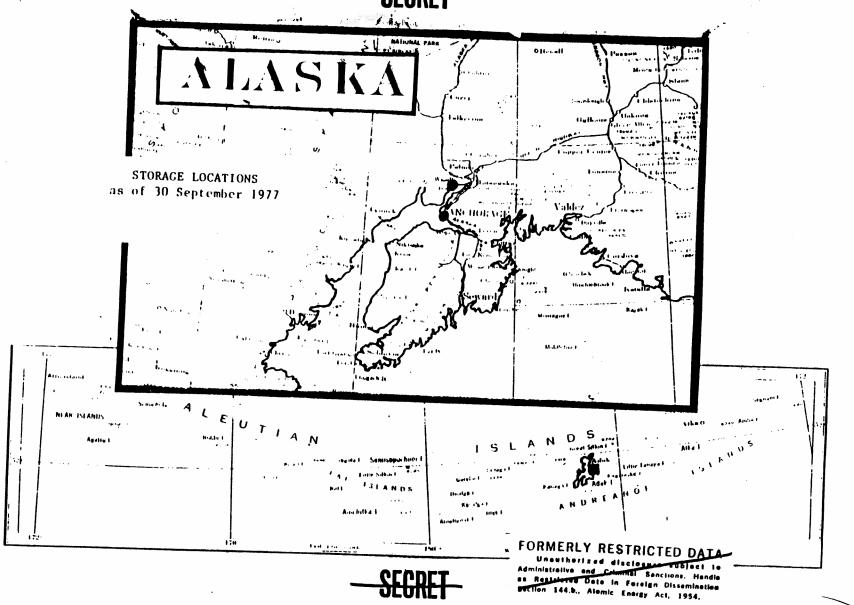


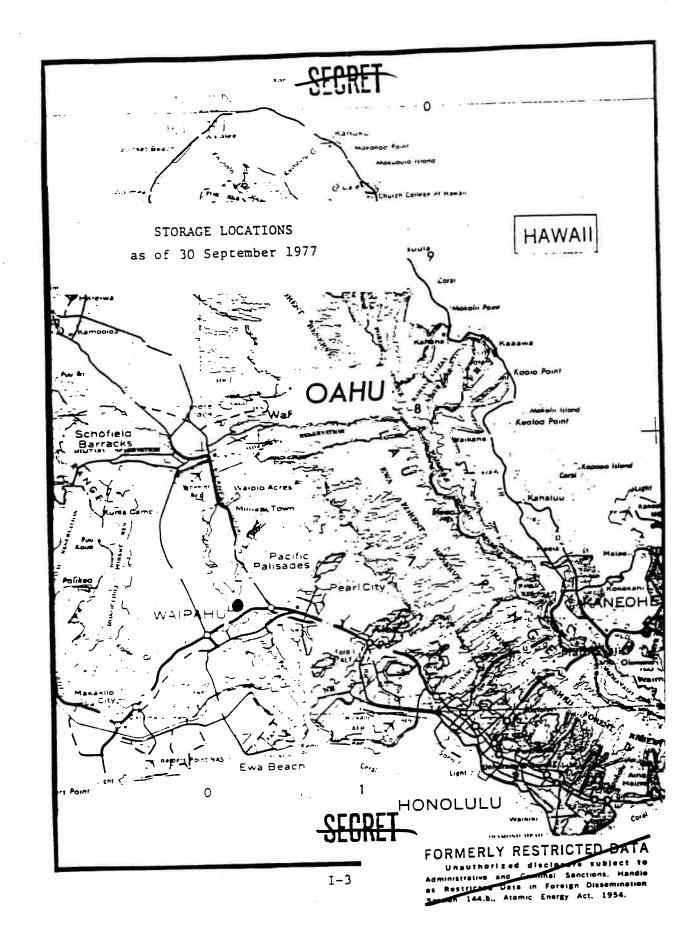
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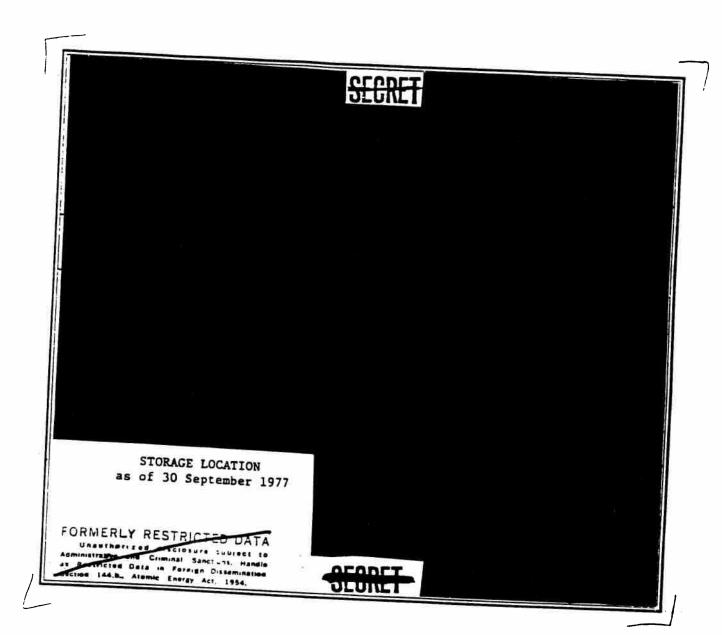




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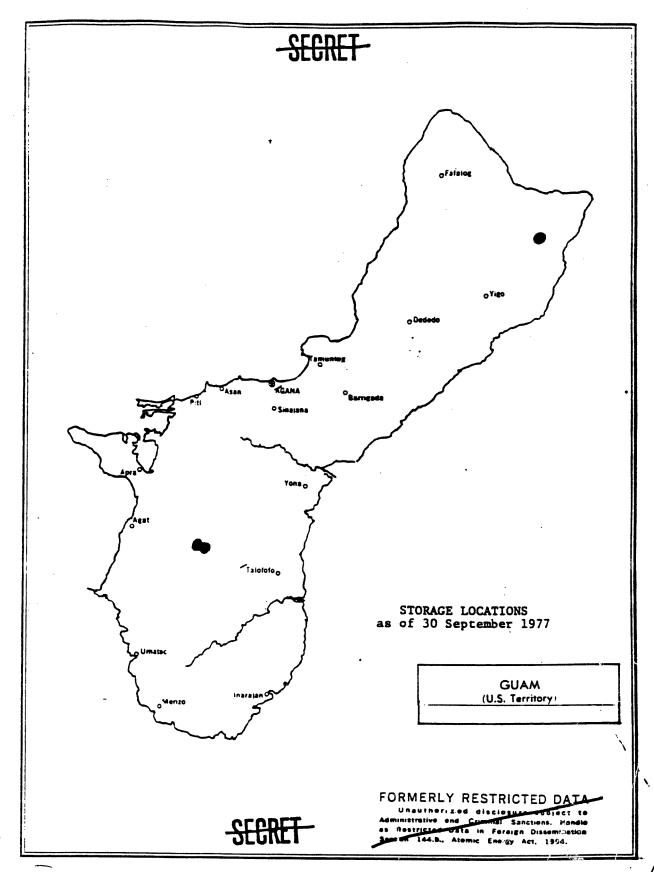
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