



THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D. C.

CM-190-61

1961 APR 21 18 April 1961

OFFICE OF THE
SECRETARY OF DEFENSE

MEMORANDUM FOR SECRETARY McNAMARA

SUBJECT: "Doctrine" on Thermonuclear Attack

1. By JCSM-252-61, attached hereto, the Joint Chiefs of Staff forward to you their divergent views on Project #2 of Assignment of Projects within the Department of Defense, dated March 8, 1961, in which you asked that the Joint Chiefs of Staff present a "doctrine" which if accepted would permit controlled response and negotiating pauses in the event of thermonuclear attack.

2. You will note, from the attached memorandum, that the Joint Chiefs of Staff, I among them, are in agreement that we do not now have the requisite capabilities for carrying out a doctrine of controlled responses and negotiating pauses in the event of thermonuclear attack. We also agree that attempts at the present time to implement such a doctrine, or to declare such an intent, would be premature and could gravely weaken our deterrent posture.

3. The basic split in this report relates to the extent to which the Joint Chiefs of Staff should make a judgment now that implementing a doctrine of controlled response and negotiating pauses in the event of thermonuclear war is a desirable and feasible course of action in the future.

4. My personal judgment is that we do not now have adequate defenses, nor are our nuclear retaliatory forces sufficiently invulnerable, to permit us to risk withholding a substantial part of our effort, once a major thermonuclear attack has been initiated. Furthermore, the advantages to be achieved by limiting our responses, under such conditions, could only be realized by the enforcement upon the Soviets of a degree of tacit "cooperation" which does not now appear

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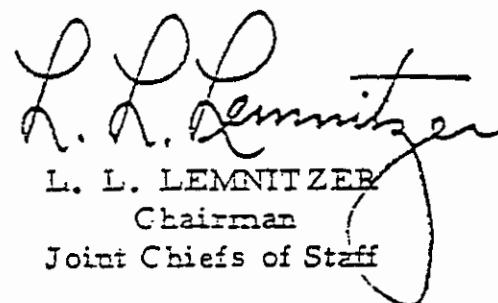
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realistic. Nevertheless, I believe that further specification of such a doctrine, insofar as it applies to conditions of less than large-scale deliberate attack, would be a desirable undertaking. It would submit the complex problems of controlled responses, negotiating pauses, and their interrelationship with enemy reactions to rigorous analysis. However, except for these lower levels of attack, I believe that an attempt to spell out specific controlled response options would be undesirable until we have more knowledge of the technological possibility of creating the essential building blocks on which safe implementation of the doctrine could be based.

5. It is my judgment, therefore, that it is not now possible to set forth a more definitive doctrine, which if accepted in the proximate future would permit, with safety, controlled response and negotiating pauses covering the full range of the conceivable thermo-nuclear threat. Nevertheless, I believe the matter to be of such importance that it can, with profit, be examined further, with regard to its application under conditions of less than large-scale deliberate attack and particularly with respect to the conditions and the time-frame under which such a doctrine might realistically be made increasingly applicable over a wider range. Accordingly, I have directed the Joint Strategic Survey Council, as a matter of priority, to examine the problem further from this point of view and to submit their findings to the Joint Chiefs of Staff.

Therefore, that the answer to Project 2 provided herewith be as follows: first reply, to be followed by further study by the Joint Chiefs of Staff.


L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

Attachment:

JCSM-252-61

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80-F01-1007

Project 3

(4)



THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D. C.

CM-172-61

APR 3 1961

MEMORANDUM FOR SECRETARY McNAMARA

Subject: Major Military Force Projections to End
FY 1965

References: a. Multi-address Memo from SecDef Dated
8 March 1961, Subj: Assignment of Projects
within the Department of Defense
b. CM-65-61 Dated 17 January 1961

Enclosure: Major Army, Naval, and Air Force Forces
Funded through FY 1962 President's Budget

1. The Enclosure, showing major military forces by end
Fiscal Years from 1 July 1960 to 1 July 1965, is forwarded in
response to requirement number three ("Prepare a five-year
summary of forces and major weapons.") of reference a.

2. The Enclosure reflects all program changes resulting
from amendments to the FY 1962 President's Budget, including
the major program changes presented to the Congress by the
President on 28 March 1961.

3. As in the case of the 17 January submission (reference b),
equipment assets projected beyond FY 1962 reflect programs funded
by the amended President's FY 1962 and prior years' budgets. For
example, 22 squadrons of F-105 aircraft funded through the FY 1962
President's Budget as amended enter the inventory by 1 July 1964.
Hence, no increase in this program which would be due to any FY
1963 buy is shown at the 1 July 1965 position.

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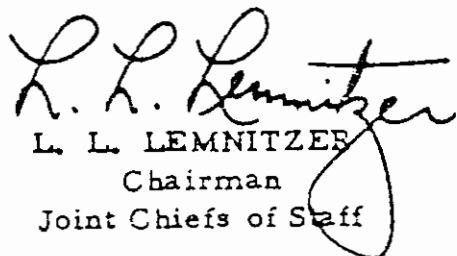
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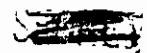
4. Force projections were made on the basis that end FY 1962 military manpower levels will remain constant through 1 July 1965.

5. Data shown in the Enclosure were provided by the Services and are as of 30 March 1961. Where necessary, comments are included to amplify the tabulations.


L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

cc: RAdm McCormick

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MAJOR ARMY FORCES

COPIE NO.

APPROVED THROUGH FY 1962 PRESIDENT'S BUDGET
(AS Amended 9/3)

UNITS	1 JUL 60	1 JUL 61	1 JUL 62	1 JUL 63	1 JUL 64	1 JUL 65	COMMENTS
MAJOR COMBAT UNITS							
Divisions	1	1	1	1	1	1	
Infantry	1	(9)	(9)	(9)	(9)	(9)	
Armored		(3)	(3)	(3)	(3)	(3)	
Airborne		(2)	(2)	(2)	(2)	(2)	
Armored Cavalry Comd.		1	1	1	1	1	
Brigades	1	2	2	2	2	2	
Regiments (Armed Div.)	1	6	6	6	6	6	
Mobile Groups	1	8	9	9	9	9	
Special Forces Groups	2	2	4	4	4	4	
PA Artillery Grp (ARTFORCOS)	3	3	3	3	-	-	
Air Defense Reg	87 3/4	46 3/4	87 3/4	88 3/4	77 3/4	75 3/4	
FIRE AIAK	(46)	(23 1/4)	(29)	(14)	(9)	(7)	
FIRE VEHICLES	(3 1/4)	(4 1/2)	(47 3/4)	(47 3/4)	(47 3/4)	(47 3/4)	
MISSILE	-	-	-	-	-	-	
SAMC	(2 1/2)	(13)	(21)	(21)	(21)	(21)	
FIRE MISS	-	-	-	-	-	-	
Supervision Control Reg		1					
Armored RIFLE	3	6	6	6	6	6	
Armor	9	9	9	9	9	9	
FIELD ARTILLERY	36	36	36	36	36	36	
Missile Control	17	17	17	17	17	17	
PA IN 100 mm	5	3	2	2	-	-	
MISS. "A"	-	-	-	-	-	-	
- 105	1246/19 1/2	12400/19 1/2	13553/19 1/2	1623/15 1/2	1307/15 1/2	1077/15 1/2	
MISS. LITTLE JOHN	-	1758/2	1731/7	1117/7	7223/7	1069/7	
MISS. LACONICS	1364/8	1706/8	1760/8	1721/8	1684/8	1626/8	
MISS. CORPORAL	1344/12	1318/12	1279/12	1236/9	1234/1	-	
MISS. AIRCRAFT	-	-	125/3	105/7	101/10	131/10	
MISS. PEGASUS	-	-	10/1	12/3	13/3 1/2	15/3 1/2	
Co, AVN	33	34	35	40	40	40	
Total Grps Arct	4589	4597	4611	4705	4697	4517	
STAFFS/GRPS	870000	870000	875000	875000	875000	875000	

- GENERAL COMMENTS:
- Unit Equipment (UE) is the number of aircraft in organizational units.
 - No deliveries from procurement programs subsequent to the FY 1962 Budget are reflected herein.
 - Current Army programs indicate a requirement for additional personnel for FY 63-64-65 to adequately man the forces shown.
 - The true effect that limited procurement base on Army power capability is impossible to portray through a force structure. Basically, the Army equips men, while other services primarily use equipment. The soldier is the principal combat resource of the Army, but his effectiveness is measured in large part by the quality of the equipment available to him.

{ Includes National Guard on-site battalions.

{ Includes missile units organic to missile commands and divisions.

{ // Indicates aircraft levels.

{ Missle levels are insufficient for number of sets of fire control equipment in SEDGANT and PEGASUS units.

{ 1 July 1965 position reflects consumption of PEGASUS missiles for training purposes, without actual replacement due to any FY 1965 buy.

{ 15 not shown as 100mm vary. Organic aircraft included in following entry.

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MAJOR NAVAL FORCES

FUNDING THROUGH FY 1962 (RESIDENT & BUDGET
(24 ADVICE))

SHIPS	78	1 JUL 60	1 JUL 61	1 JUL 62	1 JUL 63	1 JUL 64	1 JUL 65	COMMENTS
Attack Carrier		14	14 (1)	14(2)	14	14	14(1)	✓ () New construction CVAs phasing into Fleet, older CVAs phasing out.
ASW Carriers		9	9	9	9	9	9	
Tact Command Ships		1	1	1	1	1	1	
Cruisers		13	13	14	14	14	14	
G/M Type		(6)	(9)	(12)	(12)	(12)	(12)	
Gus Type		(7)	(5)	(2)	(2)	(2)	(2)	
Destroyers		225	225	225	225	222	222	
G/M Type		(31)	(19)	(24)	(39)	(43)	(54)	
Gus Type		(22)	(206)	(201)	(186)	(179)	(168)	
Submarines - Total		211	112	109	107	106	106	
Nuclear		(8)	(15)	(18)	(25)	(29)	(32)	
Conventional		(103)	(96)	(91)	(83)	(77)	(74)	
RES →			5	/	/	/	/	
FM Submarines - Total		2 / 4	6 / 96 /	9 / 170 /	12 / 208 /	24 / 310 /	29 / 310 /	
Petrol Escort		45	43	43	43	44	45	
Mine Warfare		61	24	24	24	24	24	
Amphibious		123	105	103	103	103	103	
Auxiliary		197	204	206	205	204	203	
TOTAL		812	817	817	818	825	827	
CVG (Attack Carrier Air Group)		16	17	17	16	16	16	
CVSG (ASW Carrier Air Group)		11	11	11	11	11	11	
VM-RON (Initial Squad)		32	32	32	32	32	32	
VM-RON (Lighter-than-air LTA Squad)		1	0	0	0	0	0	
VM-RON (Warning Squad)		3	7	5	5	5	5	
VM-POR (LTA Warning Squad)		1	0	0	0	0	0	
VAP-RON (VCP) (Heavy Photo Squad)		2	2	2	2	2	2	
VQ-RON (Heavy Electronic Squad)		2	2	2	2	2	2	
HU-RON (Utility Helicopter Squad)		2	3	3	3	3	3	
TOTAL OPERATING A/C		6759	6953	5664	5527	5123	4839	
TOTAL ACTIVE NAVY PERSONNEL		617,904	625,000	628,000	629,000	629,000	629,000	
Fleet Marine Forces		2	2	2	2	2	2	
Division/Wing Teams		3	3	3	3	3	3	
Marine Art Regt Atms (RAW)		2	2	3	3	3	3	
Light AA Msl Bn (RANK)		1	2	1	1	1	1	
Med AA Msl Bn (TERLIER)		1	1	0	0	0	0	
ACTIVE MARINE CORPS PERSONNEL		178,000	178,000	178,000	178,000	178,000	178,000	

- GENERAL COMMENTS:
- Unit Equipment (UE) is the number of aircraft in organizational units.
 - No deliveries for procurement programs subsequent to the FY 62 Budget are reflected herein.
 - Current Navy/Marine Corps programs indicate a requirement for additional personnel for FY 63, 64, and 65 to adequately man the forces above.
 - Ship shows include new and modernized ships which will replace some of the overage ships now in the Fleet.

✓ alongside the PBM submarines show the combined total of A-1 and A-2 missiles as hand as of the date indicated. By end of FY 65 all PBM submarines will be fitted for A-2 missiles. Missiles programmed through FY 68 for the purposes of ship-fillets, training, support, and quality control will not meet the requirements for the PBM submarines programmed through FY 62 but come in commission by FY 65.

See attached sheet for USN or Navy/Marine Corps air combat units as of 1 July 1968.

Marine Corps aviation data on numbers of operating aircraft is included in Navy totals.

* The 1st Medium AA Bn will be redesignated the 1st Light AA Bn in during the 4th Quarter, FY 1962.

** One Battalion to be in a cadre status.

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MAJOR AIR FORCE FORCES

PURSED THROUGH FY 1962 PRESIDENTIAL BUDGET
(As Amended)

UNITS	W	1 Jul 60		1 Jul 61		1 Jul 62		1 Jul 63		1 Jul 64		1 Jul 65		COMMENTS
		Wing Sqns	A/C	Wing Sqns	A/C	Wing Sqns	A/C	Wing Sqns	A/C	Wing Sqns	A/C	Wing Sqns	A/C	
Air Transport Squadrons (MATS)		1	22	22	19	19	19	19	19	19	19	17		
C-118	4+2	1	(2)	1	(7)	1	(3)	1	(3)	1	(3)	1	(2)	
C-121	4+2	1	(2)	1	(3)	1	(3)	1	(2)	1	(1)	1	(1)	
C-124	4+2	1	(2)	1	(3)	1	(8)	1	(7)	1	(7)	1	(6)	
C-133	10+15	1	(2)	1	(3)	1	(3)	1	(3)	1	(3)	1	(3)	
C-130	14+15	1	(2)	1	(2)	1	-	1	(3)	1	(3)	1	(3)	
C-135	12+14	1	-	1	-	1	(2)	1	(2)	1	(2)	1	(2)	
		1	Sqns	1	Sqns	1	Sqns	1	Sqns	1	Sqns	1	Sqns	
Logistics Support (AMC)														
C-125	30+12	1	3	1	2	1	3	1	3	1	3	1	3	
AMMC														
AC-121	10	1	6	1	5	1	6	1	6	1	6	1	6	
Air Refueling Squadrons (AMC)			50	1	54	1	55	1	48	1	49	1	43	
AC-97	20	1	(31)	1	(28)	1	(23)	1	(12)	1	(12)	1	(6)	
AC-135	20	1	(9)	1	(11)	1	(11)	1	(15)	1	(17)	1	(17)	
AC-137	12	1	(16)	1	(16)	1	(20)	1	(20)	1	(19)	1	(19)	
AC-139	23	1	-	1	-	1	-	1	-	1	-	1	-	
All														
CB-50	20	1	6	1	6	1	5	1	5	1	3	1	2	
Total Operating Aircraft		15,312	13,616	12,920	12,363	11,519	10,599							
ACTIVE PERSONNEL														
Strength		824,752	822,900	824,900	824,900	824,900	824,900							

This excludes AMG and AFM.

- GENERAL COMMENTS: 1. Unit Equipment (W) is the number of aircraft in organizational units. (Var indicates variable. CB 45/15 indicates 45 a/c per wing and 15 a/c per squadron. CB 16 indicates unit equipment is 12 or 16.)
 2. No deliveries from procurement programs subsequent to the FY 1962 Budget are reflected herein.
 3. Current DIAF programs indicate a requirement for additional personnel for FY 63, 64, and 65 to adequately man the force shown.
 4. Air Force units are expressed in wings and squadrons. For example:

1 Jul 60
B-52 (12)-(36)

Indicates there are 12 wings of B-52s composed of 36 squadrons.

5. In the case of aircraft, procurement levels through FY 62 produce a continued decline in the numbers of operating aircraft.

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TYPICAL COMPOSITION OF NAVY AIR COMBAT UNITS AS OF 1 JULY 1963

Typical Attack Carrier

<u>UE</u>	<u>(CVG) Air Group</u>
14	F4H {1 Squadron}
14	F8U {1 Squadron}
24	A4D {2 Squadrons}
12	AD {1 Squadron}
9	A3D/A3J {1 Squadron}

Typical ASW Carrier (CVSG)

<u>UE</u>	<u>Air Group</u>
20	S2F-1/3 {2 Squadrons}
16	HSS-1N/2 {1 Squadron}

Typical Patrol Squadron (VP-RON)

11	P2V-7S {1 Squadron} (Shore-based)
10	P5M-2 {1 Squadron} (Sea-based)

Typical ECM Recon.

<u>Squadron</u>	<u>(VQ-RON)</u>
8	A3D-2Q
3	WV-2Q

Typical AEW Squadron (VW-RON)

30	WF-2 Carrier-based (Provides detachments of 4 a/c to CVA/CVS)
39	WV-2 Shore-based. No typical squadron. This number provides LANT and PAC requirements.

Typical Helo Utility Squadron (HU-RON)

<u>UE</u>	<u>(HU-RON)</u>
30	HU2K
5	HJS-1A
5	HUL-1

Typical Photo Recon. Squadron (VAP-RON) (VCF)

30	F8U-1P Carrier-based (Provides detachments of 4 a/c to CVA)
10	A3D-2P Shore-based.

TYPICAL COMPOSITION OF MARINE CORPS AIR COMBAT UNITS AS OF 1 JULY 1963

Wing varies with Fiscal Year. Typical composition for FY 1963:

<u>UE</u>	<u>Squadrons</u>
18	VMF {Ftr incl all-weather) 5
20	VMA {Attack) 4
17	VMCJ {Reconnaissance) 1
24	HMR {L} {Light Helicopter) 4
12	HMR {M} {Medium Helicopter) 1
21	VMO {Observation) 1
12	VMGR {Transport, fixed-wing, inflight refueling) 1

Without production, each year subsequent to 1963, the quantities of aircraft will decrease by 25% through attrition and completion of service life.

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SILVER

MAJOR AIR FORCE PUNTS

FUNDED THROUGH FY 1962 - INCIDENT'S BUDGET
(As Amended)

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THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D.C.

Project 3

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OFFICE OF THE
SECRETARY OF DEFENSE

CM-192-61

APR 20 1961

MEMORANDUM FOR SECRETARY McNAMARA

Subject: Major Military Force Projections to End
FY 1965

References: a. CM-172-61 Dated 3 April 1961
b. Memo for CJCS from SecDef Dated
14 April 1961

Enclosure: Major Air Force Forces Funded through FY
1962 President's Budget (As Amended)
(Revised 18 April 1961)

Enclosed are revised copies of the Summary of Major Air
Force Forces Funded through FY 1962 in President Kennedy's
budget. The revision has been published in compliance with your
directive of 14 April to reissue the Summary to conform to your
Letter to President Kennedy of 20 February.

L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

cc: RAdm McCormick

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19 Nov 80

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MAJOR AIR FORCE FORCES
FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
~~(As Authorized)~~

UNITS	US	1 Jul 60		1 Jul 61		1 Jul 62		1 Jul 63		1 Jul 64		1 Jul 65		COMMENTS
		Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	
MAJOR UNITS STRATEGIC FORCES														
Bomb Wings		38	140	34	125	29	100	24	80	20	64	16	48	
B-52	45/15	(12)	(36)	(13)	(39)	(14)	(42)	(14)	(42)	(14)	(42)	(14)	(42)	
B-77	45/15	(25)	(100)	(20)	(80)	(13)	(52)	(8)	(32)	(4)	(16)	(0)	(0)	
B-58	40/-	(1)	(4)	(1)	(6)	(2)	(6)	(2)	(5)	(2)	(6)	(2)	(5)	
		-	-	-	-	-	-	-	-	-	-	-	-	
CAM-72 (SHAIL)	28		1		11		14		14		14		14	
CAM-77 (BOUND DOG)	18		5		12		25		29		29		29	
Reconnaissance Wings														
RB-47	45/15	2	6	2	6	1	3	1	3	1	3	1	3	
Missile Squadrons		Mals	Sqns	Mals	Sqns	Mals	Sqns	Mals	Sqns	Mals	Sqns	Mals	Sqns	
SM-62 SHARK	30	30	1	-	-	-	-	-	-	-	-	-	-	
SM-65 AILAS	10-13	9	2	36	6	98	8	145	13	145	13	145	13	
SM-66 TITAN	10	-	-	6	-	58	5	92	8	126	12	125	12	
SM-80 Fixed MINUTEMAN (FMD)	50	-	-	-	-	-	-	150	3	600	12	600	12	
AIR DEFENSE FORCES FIGHTER INTERCEPTOR SQDRNS			65		54		53		51		50		49	
F-86	25		(6)		-		-		-		-		-	
F-89	12		(6)		(1)		(1)		-		-		-	
F-100	25		(1)		-		-		-		-		-	
F-101	18-24		(15)		(17)		(27)		(27)		(17)		(17)	
F-102	Var		(24)		(22)		(21)		(20)		(19)		(18)	
F-104	25		(3)		-		-		-		-		-	
F-106	18-24		(10)		(14)		(14)		(14)		(14)		(14)	
Missile Squadrons														
SM-99 A/B (BOMARC)			8		6		8		8		9		8	
MAJOR UNITS TACTICAL FORCES		Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	Wgs	Sqns	
Tactical Fighter Wings		16	55	16	55	16	55	15	52	14	47	12	42	
F-100	72/18 75/25	(13)	(14)	(12)	(12)	(11)	(17)	(8)	(29)	(7)	(25)	(5)	(20)	
F-104	72/15	(1)	(4)	(1)	(4)	(1)	(4)		(2)		-		-	
F-105	72/18 75/25	(1)	(8)	(2)	(6)	(3)	(11)	(6)	(18)	(7)	(22)	(7)	(22)	
F-101	75/25	(1)	(3)	(2)	(3)	(1)	(3)	(1)	(3)		-		-	
Tactical Bomber Wings			2	6	2	5	1	3	-	-	-	-	-	
B-66	48/16	(1)	(3)	(1)	(3)	-	-	-	-	-	-	-	-	
B-57	48/16	(1)	(3)	(1)	(3)	(1)	(3)	-	-	-	-	-	-	
Tactical Recce Wings			3	14	3	14	2	12	3	12	3	12	2	8
RB-66	72/15	(2)	(6)	(1)	(5)	(1)	(4)	(1)	(6)	(1)	(4)		-	
RF-101	72/13	(2)	(3)	(2)	(3)	(2)	(3)	(2)	(3)	(2)	(3)	(2)	(3)	
Troop Carrier Wings			10	30	10	30	10	31	10	30	9	27	3	26
C-124 (Heavy)	36/12	(4)	(12)	(4)	(11)	(3)	(10)	(3)	(7)	(3)	(9)	(2)	(6)	
C-130 (Medium)	48/16	(4)	(12)	(4)	(13)	(5)	(14)	(4)	(13)	(3)	(9)	(3)	(9)	
C-123 (Assault)	48/16	(2)	(6)	(2)	(6)	(2)	(5)	(1)	(1)	-	-	-	-	
C-130 B (Assault)	48/16	-	-	-	-	-	(1)	(1)	(2)	(2)	(5)	(2)	(5)	
C-130 E (Medium)	48/16	-	-	-	-	-	(1)	(1)	(2)	(1)	(3)	(1)	(3)	
Tactical Missile Sqdns			5		5		5		5		6		5	
SM-51C (MACMCR)	Var	-	(3)		(3)		-		-		-		-	
SM-76 A/B (MACE)	72/18	(2)		(2)		(5)		(5)	(5)	(5)	(5)		(5)	

Exact date of phasingout under study.
 Incrementally funded. Sqdns and US quantities are based on assumptions that FY 62 funding will attain and FY 64 USAF program.
 TITAN forces include 6 missiles assigned training squadron at Vandenberg AFB.
 MINUTEMAN forces are currently under review.

Declassified by JCS, 19 Nov 80

~~SECRET~~

MAJOR AIR FORCE FORCES
FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
 (As Amended)

UNITS	US	1 Jul 60		1 Jul 61		1 Jul 62		1 Jul 63		1 Jul 64		1 Jul 65		COMMENTS
		Wgs	Sqns											
Air Transport Squadrons (MACS)			22		21		19		19		19		17	
C-118	Var		(7)		(7)		(3)		(3)		(3)		(2)	
C-121	Var		(3)		(3)		(3)		(2)		(1)		(1)	
C-124	16		(10)		(8)		(8)		(7)		(7)		(6)	
C-133	12-16		(2)		(3)		(3)		(3)		(3)		(3)	
C-130	12-16		-		-		-		(3)		(3)		(3)	
C-135	12-16		-		-		(2)		(2)		(2)		(2)	
		Sqns		Sqns		Sqns		Sqns		Sqns		Sqns		
Logistics Support (AMC)														
C-124	36/12		3		3		3		3		3		3	
AEWAC														
RC-121	10		6		6		6		6		6		6	
Air Refueling Squadrons (SAC)			56		58		55		50		45		38	
KC-97	20		(31)		(30)		(23)		(14)		(8)		(1)	
KC-135	20		(9)		(11)		(11)		(15)		(17)		(17)	
KC-135	10		(16)		(16)		(20)		(20)		(19)		(19)	
KC-135	23				(1)		(1)		(1)		-		-	
KC-135	13		-		-		-		-		(1)		(1)	
Air Refueling Squadrons (TAC)														
RB-50	20		6		6		6		5		3		2	
Total Operating Aircraft			15,312		13,616		12,820		12,383		11,519		10,199	
ACTIVE PERSONNEL														
Strength			914,752		822,900		824,900		824,900		824,900		824,900	

This excludes AMO and APB.

- GENERAL COMMENTS:**
1. Unit Equipment (UE) is the number of aircraft in organizational units. (Var indicates variable. UE 45/15 indicates 45 a/c per wing and 15 a/c per squadron. 12-16 indicates unit equipment is 12 or 16.)
 2. No deliveries from procurement programs subsequent to the FY 1962 Budget are reflected herein.
 3. Current USAF programs indicate a requirement for additional personnel for FY 63, 64, and 65 to adequately man the force shown.
 4. Air Force units are expressed in wings and squadrons. For example:

1 Jul 60
B-52 (12)-(36)

Indicates there are 12 wings of B-52s composed of 36 squadrons.

5. In the case of aircraft, procurement levels through FY 62 produce a continued decline in the numbers of operating aircraft.

~~SECRET~~
 (16 Apr 61 - Revised)

Declassified by JCS, 19 Nov 80

by
MPL

L-84

24 April 1961

Subject: FOR THE CHIEF, JOINT STAFFS OF COMINT

The history of B-47 Air Forces Period through FY 1962 in President Kennedy's Budget, submitted in fulfillment of Project 13, COMINT Coordinating Program for B-47 Air Forces FY 62.

END PT	61	62	63	64	65
B-47 Wings	20	13	13	10	5
FC-17 Squadrons	30	23	12	12	6

The number of wings shown for End of 1963, 1964, and 1965 is not in accordance with Page 12, Tab 3 of my letter to the President dated February 20, 1961.

You will recall that the program as outlined on Page 12 was discussed with the Service Secretaries and the Joint Chiefs of Staff on February 15 and February 17, and at that time there was general agreement that our planning for future years should be based on the B-47 wing program outlined on that page.

125508

I believe this will correct current planning documents, including the document attached to the 17th tab of 3 April 1961, should be modified to the program outlined in Page 12. The FC-17 should be phased out completely. That is, the approved B-47/FC-17 force as now is as follows:

END PT	61	62	63	64	65
B-47 Wings	20	13	3	4	0
FC-17 Squadrons	30	23	15	3	1

During the consideration of the 1963 Budget, if the Air Force or other offices of the Department of Defense wish to propose alternative programs, these, of course, can be considered at that time. However, the letter to President Kennedy on February 20 should be the basic planning document.

Please arrange to have the attached document revised to conform to this document.

SIGNED

John F. Kennedy

cc: Defense Dept

Joint

Date dictated by JCS

10th of May, 1961

19 NOV 88

SEC DEF CONT NO.

S-355 S411

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Project 3

(6)



JUN 26 08 34

THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D. C.

OFF SECY. OF DEFENSE

CM-250-61

JUN 23 1961

MEMORANDUM FOR SECRETARY McNAMARA

Subject: Major Military Force Projections to
End FY 1965 (U)

References: a. CM-172-61 Dated 3 April 1961
b. CM-192-61 Dated 20 April 1961

Enclosure: Major Naval and Air Force Forces Funded
through FY 1962 President's Budget (As
Amended)

1. Enclosed are corrected copies of the 30 March 1961
statements of Major Air Force Forces and Naval Forces funded
through FY 1962 in President Kennedy's budget.

2. The Air Force prepared new tables after a review of
the forces in the context of their intended use as a basic budget
submission. This review indicated that the Army and Navy had
projected level force structures, while the Air Force departed
from programmed force levels and phased out forces planned for
modernization with funds anticipated in FY 1963 and later budgets.
The present revision reflects a level Air Force force structure,
with notation to indicate those units dependent on FY 1963 funding
for modernized equipment, and on which implied procurement
decisions were made in FY 1962 and prior year budget delibera-
tions.

Declassified by
JCS 19 Nov 80

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(SECDEF HAS SEEN)

1961

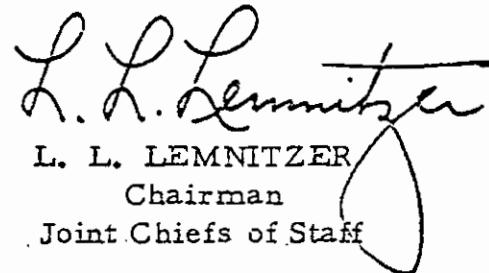
SecDef Cont. No.

1193

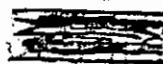
1962

3. The corrected Naval Forces submission reflects Navy program changes which had been made prior to 30 March 1961, but which had been omitted from the original submission.

4. The Army and Marine Corps have indicated informally that at this time they do not desire to submit changes to their original 30 March 1961 submissions.


L. L. Lemnitzer
Chairman
Joint Chiefs of Staff

Declassified by JCS
19 Nov 80



~~SECRET~~

MAJOR NAVAL FORCES

Copy 435 copies

FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
(As Ascertained)

UNITS	UE	1 Jul 50	1 Jul 51	1 Jul 52	1 Jul 53	1 Jul 54	1 Jul 55	COMMENTS
Attack Carrier		14	15	15	15	14	14	
ASW Carriers		9	9	9	9	9	9	
Tact Command Ship		1	1	1	1	1	1	
Cruisers		13	12	13	14	14	14	
G/M Types		(6)	(8)	(9)	(12)	(12)	(12)	
Gun Types		(7)	(4)	(4)	(2)	(2)	(2)	
Destroyers		226	223	225	222	225	225	
G/M Types		(3)	(15)	(24)	(36)	(43)	(56)	
Gun Types		(223)	(208)	(201)	(186)	(182)	(169)	
Submarines - Total		111	111	109	108	106	105	
Nuclear		(8)	(15)	(13)	(25)	(29)	(29)	
Conventional		(103)	(96)	(91)	(83)	(77)	(76)	
FBM Submarines - Total		2 / 4 /	5 / 98 /	9 / 170 /	12 / 288 /	24 / 310 /	29 / 320 /	
Patrol Escort		45	45	43	43	43	40	
Mine Warfare		81	83	84	84	80	79	
Amphibious		113	107	104	104	104	103	
Auxiliary		197	206	206	206	202	200	
TOTAL		812	817	818	818	822	819	
CVG (Attack Carrier Air Group)		16	17	17	17	16	16	
CVSG (ASW Carrier Air Group)		11	11	11	11	11	11	
ZP-RON (Patrol Squad)		32	32	32	32	32	32	
ZP-RON (Lighter-than-air LTA Squad)		1	0	0	0	0	0	
ZW-RON (Warning Squad)		8	7	5	5	5	5	
ZW-RON (LTA Warning Squad)		1	0	0	0	0	0	
ZAP-RON (VCP) (Heavy Photo Squad)		2	2	2	2	2	2	
ZQ-RON (Heavy Electronic Squad)		2	2	2	2	2	2	
ZU-RON (Utility Helicopter Squad)		2	3	3	3	3	3	
TOTAL OPERATING A/C		6759	5953	5864	6845	6587	5406	
TOTAL ACTIVE NAVY PERSONNEL		617,984	625,000	628,000	628,000	628,000	628,000	
Fleet Marine Forces		2	2	2	2	2	2	
Division/Wing Teams		3	3	3	3	3	3	
Svy Army Art Btrya (SJ)		2	2	2	3	3	3	
Light AA Msl Bns (HAWK)		1	2	3	**4	**4	**4	
Hed AA Msl Bns (TERRIER)		1	**1	0	0	0	0	
ACTIVE MARINE CORPS PERSONNEL		175,000	175,000	178,000	178,000	178,000	178,000	

GENERAL COMMENTS: 1. Unit Equipment (UE) is the number of aircraft in organizational units.

2. No deliveries for procurement programs subsequent to the FY 62 Budget are reflected herein.

3. Current Navy/Marine Corps programs indicate a requirement for additional personnel for FY 63, 64, and 65 to adequately man the forces shown.

4. Ships shown include new and modernized ships which will replace some of the overage ones now in the Fleet.

// alongside the FBM submarines shows the combined total of A-1 and A-2 missiles on board as of the date indicated. By end FY 65 all FBM submarines will be fitted for A-2 missiles. Missiles programmed through FY 62 for the purposes of ship-fills, training, support, and quality control will not meet the requirements for the FBM submarines programmed through FY 62 buy and in commission by FY 65.

See attached sheet for U/E of Navy/Marine Corps air combat units as of 1 July 1963.

Marine Corps aviation data on numbers of operating aircraft is included in Navy totals.

* The 1st Medium AA Msl Bn will be redesignated the 3rd Light AA Msl Bn during the 4th Quarter, FY 1962.

** One Battalion to be in a cadre status.

DECLASSIFIED AT 3-YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
DOD DIR. 5200.10

~~SECRET~~
(As of 30 Mar 61)
(Corrected 16 Jun 61)

Declassified by JCS 19 Nov 80

~~SECRET~~

Copy 1 of 35 copies

MAJOR AIR FORCE FORCES

FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
(As Amended)

UNITS	US	1 Jul 60	1 Jul 61	1 Jul 62	1 Jul 63	1 Jul 64	1 Jul 65	COMPARISONS			
		Vgs	Sqs	Vgs	Sqs	Vgs	Sqs	Vgs	Sqs	Vgs	Sqs
<u>MAJOR UNITS STRATEGIC FORCES</u>											
Bomb Wings		37	136	38	120	29	100	26	80	20	54
B-52	45/15	(12)	(35)	(13)	(37)	(14)	(42)	(14)	(42)	(11)	(42)
B-47	45/-	(35)	(100)	(20)	(80)	(13)	(52)	(8)	(32)	(4)	(16)
B-58	40/-		(1)	(1)	(3)	(2)	(6)	(2)	(6)	(2)	(6)
CAM-72 (GMAIL)	28		1		8		14		14		14
CAM-77 (BOOED DOG)	18		5		12		25		29		29
Reconnaissance Wings											
R3-47	45/15	2	6	2	6	1	3	1	3	1	3
Missile Squadrons		Mals	Sqs	Mals	Sqs	Mals	Sqs	Mals	Sqs	Mals	Sqs
SM-62 SHARK	30	30	1	-	-	-	-	-	-	-	-
SM-65 ATLAS	10-13	9	2	36	4	98	8	145	13	145	13
SM-68 TITAN	10	-	-	6	-	58	5	92	8	126	12
SM-80 Fixed MOUNTAIN (FAD)	50	-	-	-	-	-	-	150	3	600	12
AIR DEFENSE FORCES FIGHTER INTERCEPTOR SQUADS			65		54		53		51		50
F-86	25		(6)		-		-		-		-
F-89	12		(6)		(1)		(1)		-		-
F-100	25		(1)		-		-		-		-
F-101	18-24		(15)		(17)		(17)		(17)		(17)
F-102	Var		(24)		(22)		(21)		(20)		(19)
F-104	25		(3)		-		-		-		-
F-106	18-24		(10)		(14)		(14)		(14)		(14)
Missile Squadrons											
DI-99 A/B (SAMAR)	Var	4		6		8		8		8	
<u>MAJOR UNITS TACTICAL FORCES</u>		Vgs	Sqs	Vgs	Sqs	Vgs	Sqs	Vgs	Sqs	Vgs	Sqs
Tactical Fighter Wings		16	55	16	55	16	55	16	55	16	55
F-100	72/15 75/25	(13)	(44)	(12)	(42)	(11)	(37)	(9)	(32)	(8)	(26)
F-104	72/15	(1)	(4)	(1)	(4)	(1)	(4)		(2)		-
F-105	72/15 75/25	(1)	(4)	(2)	(6)	(3)	(11)	(6)	(18)	(6)	(27)
F-101	75/25	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)	-	-
Tactical Bomber Wings		2	6	2	5	2	6	2	6	2	5
B-56	48/16	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)
B-57	48/16	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)
Tactical Recon Wings		3	14	3	14	3	14	3	14	3	14
RF-66	72/18	(1)	(6)	(1)	(6)	(1)	(6)	(1)	(6)	(1)	(5)
RF-101	72/18	(2)	(8)	(2)	(8)	(2)	(3)	(2)	(8)	(2)	(8)
RF-105		-	-	-	-	-	-	-	-	-	(1)
Troop Carrier Wings		10	30	10	30	10	30	10	30	10	30
C-124 (Heavy)	36/12	(4)	(12)	(4)	(11)	(3)	(20)	(3)	(9)	(3)	(9)
C-130 A/B (Medium)	48/16	(4)	(12)	(4)	(13)	(5)	(14)	(4)	(13)	(3)	(9)
C-123 (Assault)	48/16	(2)	(6)	(2)	(5)	(2)	(5)	(1)	(4)	-	-
C-130 B (Assault)	48/16	-	-	-	-	-	(1)	(1)	(2)	(2)	(6)
C-130 E (Medium)	48/16	-	-	-	-	-	-	(1)	(2)	(5)	(2)
Tactical Missile Sqdns		5		5		5		6		6	
TM-61C (MACADOR)	360/90		(3)		(3)		-		-		-
TM-76 A/B (MAC)	36	72/18	(2)		(2)		(5)		(6)		(6)

~~SECRET~~
(As of 30 Mar 61)
(Corrected 16 Jun 61)

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DOD DIRECTIVE 5200.10

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MAJOR AIR FORCE FORCES
FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
~~(As Amended)~~

UNITS	UE	1 Jul 60		1 Jul 61		1 Jul 62		1 Jul 63		1 Jul 64		1 Jul 65		COMMENTS
		Wgs	Sqrs											
Air Transport Squadrons (MATS)			22		21		19		19		19		18	
C-118	Var		(7)		(7)		(3)		(3)		(3)		(2)	
C-121	Var		(3)		(3)		(3)		(1)		(1)		(1)	
C-124	16		(10)		(8)		(8)		(7)		(7)		(7)	
C-133	12-16		(2)		(3)		(3)		(3)		(3)		(3)	
C-130 E	12-16		-		-		-		(3)		(3)		(3)	
C-135	12-16		-		-		(2)		(2)		(2)		(2)	
		Sqs		Sqs		Sqs		Sqs		Sqs		Sqs		
Logistics Support (AMC)														
C-124	12/18		3		3		3		3		3		3	
AEWAC														
RC-121	10		6		6		6		6		6		6	
Air Refueling Squadrons (SAC)			56		58		55		50		49		43	
KC-97	20		(31)		(30)		(23)		(14)		(8)		(1)	
KC-135	20		(9)		(11)		(11)		(15)		21		22	
KC-135	10		(16)		(15)		(20)		(20)		(19)		(19)	
KC-135	23				(1)		(1)		(1)		-		-	
KC-135	13		-		-		-		-		(1)		(1)	
Air Refueling Squadrons (TAC)														
KB-50	20		6		6		6		5		3		2	
Total Operating Aircraft			15,312		13,790		12,964		12,329		11,780		11,080	
ACTIVE PERSONNEL														
Strength			814,752		822,900		824,900		824,900		824,900		824,900	

Line items revised 18 Apr 61.

This excludes ANG and AFR.

....

GENERAL COMMENTS: 1. Unit Equipment (UE) is the number of aircraft in organizational units. (Var indicates variable. UE 45/15 indicates 45 a/c per wing and 15 a/c per squadron. 12-16 indicates unit equipment is 12 or 16.)

2. No deliveries from procurement programs subsequent to the FY 62 Budget are reflected herein, except as follows:

	Units Equipped Thru FY 62 Procurement		Units Equipped Thru FY 63 Procurement	
	Wg	Sq	Wg	Sq
Tactical Fighter F-105	7	22	9	29
Tactical Reconnaissance RF-105	-	-	-	1
Troop Carrier C-130E (Medium)	1	3	2	6
Air Refueling Sq KC-135 (20 UE Equiv)	-	27	-	32

In each of the above cases, FY 63 procurement was definitely implied in FY 62 Budget decisions as defined on page 2 of Instruction Number 1 attached to OASD (Compt) memorandum for the Assistant Secretaries (PA) of the Army, Navy, and Air Force, dated 13 May 1961.

3. Air Force units are expressed in wings and squadrons. For example:

1 Jul 60
3-52 (12)-(36)

indicates there are 12 wings of 3-52s composed of 36 squadrons.

4. The forces shown produce a temporary deficiency in military personnel during FY 62 and 63 compared with the end FY 62 ceiling but return within the ceiling in FY 64 and FY 65.

~~SECRET~~

(As of 30 Mar 61)
(Corrected 16 Jun 61)

OFFICE OF THE
SECRETARY OF DEFENSE

DEPARTMENT OF THE AIR FORCE
WASHINGTON

Da #14

OFFICE OF THE SECRETARY

MEMORANDUM FOR THE SECRETARY OF DEFENSE

SUBJECT: (U) MINUTEMAN Program Lead Times

1. This memorandum is in response to Question 20 in your memorandum of 5 March 1961 on the specific lead times of the various elements entering into a decision to increase the presently scheduled production of MINUTEMAN. We have assumed that all necessary determinations, including the selection, acquisition and construction of sites, must be phased and accomplished at the points in time which will insure our capability to obtain the maximum possible acceleration in the deployment of a larger operational inventory by the end of FY-64.

2. In light of your recent decision and the President's budget message on the revised MINUTEMAN program, I have taken and will continue to take action in accordance with the attached schedule of lead times to obtain the capability to expand the force.

3. The schedule of lead times represents our present best estimates and may require revision in the light of experience.

4. As we previously indicated, presently approved military construction authorization and funding limit the MINUTEMAN program to 600 H&D missiles by mid CY-64. To completely insure our capability to expand to a larger force by mid CY-64, it will be necessary to have a full total of \$120.0 million in both additional MCP authorization and appropriation in FY-62.

5. If we should attempt to proceed with less than full authorization and the capability of full financing in the FY-62 period, we would be forced to so revise and slip schedules that the expanded force could not be obtained by end FY-64.

6. Acknowledging a new obligational authority problem in paragraph 4, above, and the program limitations introduced by paragraph 5, it would be possible to protect the capability to expand the force by providing full authorization of \$120.0 million in FY-1962. With the flexibility inherent in full authorization, the capability to accelerate the MINUTEMAN program during FY-1962 could later be obtained with funds

FM 61-1383-21

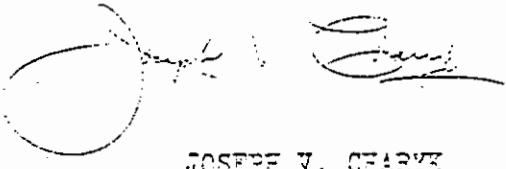
FacDef Comm. No. 570

~~REDACTED~~

available to the DOD through Section 535 of the FY-1961 Appropriation Act (which is anticipated to be included in the FY-1962 Appropriation Act).

7. In any event, it is most important that our FY-1962 presentation to the Armed Services Committee on MCP authorization be amended by letter or otherwise to reflect your choice of the two alternatives outlined above.

1 Inclosure
TAB A - MINUTEMAN Hardened
Specific Lead Time Decisions


JOSEPH V. CHARYK
Under Secretary of the Air Force

cc: Deputy Secretary of Defense

~~SECRET~~
MINUTEMAN HARDENED FORCE SPECIFIC LEAD TIME DECISIONS

PRODUCTION DECISION DATES

1 April 1961

Action underway

- a. Directive to missile contractors to arrange for expanded capacity to meet 800 missile deployment schedule.
- b. Contract for the construction for the expansion of Air Force missile assembly Plant 77.

1 May 1961

- a. Contract for the construction of the expansion of Air Force First Stage Engine Plant 78.
- b. Contract for the construction of the expansion of Air Force Third Stage Engine Plant.

1 July 1961

Contract for the construction of the re-cycle facility expansion at Hill, AFB.

1 August 1961

- a. Contract for industrial equipment for AF Plant 78
- b. Contract for industrial equipment for the engine case fabricators.

15 September 1961

- a. Contract with Boeing Airplane Company for Aerospace ground equipment for the hardened and dispersed force.
- b. Contract with Autonetics to produce ground and airborne equipment.

1 December 1961

Contract for industrial equipment for expanded stage three engine plant.

1 January 1962

a. Contract for additional industrial equipment for Autonetics plant.

b. Place firm order for additional stage one engines.

1 February 1962

Place firm order for additional stage two engines.

1 June 1962

Place firm order for additional stage three engines.

DEPLOYMENT DECISION DATES:

1 May 1961

Final approval of deployment areas for squadrons 10 and 11.

1 July 1961

Final approval of deployment areas for squadrons 12 and 13.

1 September 1961

Final approval of deployment areas for squadrons 14 and 15.

1 October 1961

Final approval of deployment areas for squadron 16.

CONSTRUCTION DECISION DATES:

1 July 1961

Approval for land acquisition for squadrons 10 and 11.

1 September 1961

Approval for land acquisition for squadrons 12 and 13.

1 November 1961

Approval for land acquisition for squadrons 14 and 15.

1 December 1961

Approval for land acquisition for squadron 16.

1 January & February 1962

Start of construction for squadrons 10 and 11.

1 March & April 1962

Start of construction for squadrons 12 and 13.

1 May & June 1962

Start of construction for squadrons 14 and 15.

1 June 1962

Start of construction for squadron 16.

Copies of all documents released.

#3, 4, 5, 6, 14, 18, 20, 21 in total

7, 13, 15, 16 in part

FOIUM: 100760

DSPOCOMP: ASD(S)
ATSD(LA)
JCS
ASD(PA)
ASD(ISA)
SPECASST
USD(R&E)
ASD(ISP)
ASD(PA&E)

DIVACT: AIR FORCE

Documents # 12 referred to NSC
17 referred to AF

SUBJREQ: RECORDS RE: SECDEF MEMO PROJECTS TO BE ASSIGNED WITHIN THE DOD
DTD MARCH 1, 1961. MCNAMARA 96 TROMBONES. PROJECTS 1, 2, 3, 4,
5, 6, 12, 13, 19, 23, 19, 23, 41, 43, 50, 87, 38. NAMES OF
PROJECT WORKERS.

LTRHD:
REQSTER: FRED KAPLAN
REQDISP: PARTIAL
TRANSFRD: AIR FORCE, NSC
REMARKS: JCS; MG CHARLES W. DYKE, USA, VD JOINT STAFF; 552(B)(1)
USD(R&E); RONALD D. THOMAS, DIR PROGRAM CONTROL AND ADMIN; 552(B)(1) 552(B)(3) AEA-1954
ASD(ISP); MG RICHARD T. BOVERIE, USAF, PRINCIPAL DEP ASST SECY;
552(B)(1)
DPA&E; PHILIPS L. MAJOR, DEPUTY DIR; 552(B)(1)
(R&C) BRANCH

REQCOMP: 810930

521 OK 519 DOCTITL: MEMO SECARMY ET AL DTD 610322 RE TESTIMONY ON
THE PRESIDENTS PROGRAM (PMD) (6 pages)

520 DOCTITL: ASD(PA) MEMO TO SECDEF DTD 610320 RE ASSIGNMENT
OF PROJECTS WITHIN DOD (PMD) (15 pages)

#19 denied	521	DOCTITLE: ANTI-SUBMARINE WARFARE (PMD) SECNAV REPORT TO SECDEF DTD 610520 RE ≈ 250 pages
#18 OK	522	DOCTITLE: USD(R&E) MEMO TO SECDEF DTD 610502 RE EVALUATION OF BALLISTIC MISSILE EFFECTIVENESS (TASK 47) (11 pages)
#16 partial	523	DOCTITLE: USD(R&E) MEMO TO SECDEF DTD 610301 RE PROJECT NO. 41 SKYBOLT (PMD) (11 pages)
#15 partial	524	DOCTITLE: STUDY DTD 610417 RE DDRSE ASSESSMENT OF BALLISTIC MISSILE DEFENSE PROGRAM (PMD) (52 pages)
#14 OK	525	DOCTITLE: SECAF MEMO TO SECDEF UNDOD RE MINUTEMAN PROGRAM LEAD TIMES (PMD) (9 pages)
#13 (partial)	526	DOCTITLE: SECAF MEMO TO SECDEF DTD 610321 RE PROJECT NO. 13 (COMPARISON OF PROPOSED B-70 FORCE WITH ALTERNATIVES) (PMD) (37 pages)
#11 denied	527	DOCTITLE: REPORT A STUDY OF REQUIREMENTS FOR U.S. STRATEGIC SYSTEMS, VOL I AND II PREPARED BY NET EVALUATION SUBCOMMITTEE, NSC (PMD)
#10 denied	528	DOCTITLE: JCSM-387-61 DTD 610623 RE JOINT CHIEFS OF STAFF COMMENTS ON DDRSE MEMO SUBJ COMMAND AND CONTROL (PROJECT 6) (PMD)
#9 denied	529	DOCTITLE: USD(R&E) MEMO DTD 610419 RE COMMAND AND CONTROL (PROJECT 6) (54 pages)
#8 denied	530	DOCTITLE: JCSM-250-61 DTD 610418 RE COMMAND AND CONTROL SYSTEM (PMD)
#7 partial	531	DOCTITLE: JCSM-241-61 DTD 610413 RE RE-EXAMINATION OF THE CURRENT AND LONG RANGE DEPARTMENT OF DEFENSE REQUIREMENTS FOR PRODUCTION OF NUCLEAR WEAPONS AND FISSIONABLE MATERIAL (PMD) (4 pages)
#6 ok	532	DOCTITLE: CM-250-61 DTD 610623 RE MAJOR MILITARY FORCE PROJECTIONS TO END FY 1965 (PMD) (5 pages)
#5 OK	533	DOCTITLE: CM-192-61 DTD 610420 RE MAJOR MILITARY FORCE PROJECTIONS TO END FY 1965 (PMD) (4 pages)
#4 OK	534	DOCTITLE: CM-172-61 DTD 610403 RE MAJOR MILITARY FORCE PROJECTIONS TO END FY 1965 (PMD) (7 pages)
#3 OK	535	DOCTITLE: JCSM-252-61 DTD 610418 RE DOCTRINE ON THERMONUCLEAR ATTACK (PMD) (2 pages)
#3a denied	536	DOCTITLE: CM-190-61 DTD 610418 RE DOCTRINE ON THERMONUCLEAR ATTACK (PMD) (≈ 30 pages)
#2 denied	537	DOCTITLE: JCSM-269-61 DTD 610425 RE BASIC NATIONAL SECURITY POLICY (PMD) (4 pages?)
#1 denied	538	DOCTITLE: MEMO FOR CJCS DTD 610418 RE BASIC NATIONAL SECURITY POLICY (PMD) (18 pages)

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OFFICE OF THE
SECRETARY OF DEFENSE

DEPARTMENT OF THE AIR FORCE
WASHINGTON

OFFICE OF THE SECRETARY

APRIL 6, 1961

MEMORANDUM FOR SECRETARY OF DEFENSE

SUBJECT: Pacing of MINUTEMAN Program

This memorandum is in response to recent Congressional action and a look at balanced Air and Ground force requirements. MINUTEMAN production and base for construction and installation are planned for some time after authorization and funding presently approved limit the program to 600 ICBM MINUTEMAN missiles by summer 1964. If it is desired to retain the ability to obtain a larger force by summer 1964, additional construction authorization and funding during FY-62 will be required; this has been pointed out in the past.

Actions to prepare ourselves for the sizing problem are currently underway even though additional authorization and funding has not been made available. The AF Ballistic Missile Committee directed the implementing commands to take all actions necessary, including field explorations, short of construction, to provide a recommended number of support base locations in order to have a list of follow-on bases readily available. In addition, you were informed of the selection of the 9th MINUTEMAN wing support base at Minot, and necessary action to advise the field commands has been taken.

The following example will illustrate the sequence and inter-relationship of events between production, construction and IAC:

PRODUCTION: Begin expansion in April 1961. First solid missile obtained in April 1963.

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CONSTRUCTION:

a. Land survey and acquisition, design of facilities for three squadrons above the IX road (squadrons 10 and 11), and advertisements for award of construction contracts, begin May 1, 1961. Construction contract early for award November 1, 1961, in December.

b. Construction contracts for squadrons 10 and 11 let November 1, 1961. Construction proceeds for 10 months, ending December 1961.

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c. I&C. The last two months of construction run concurrently with I&C. Subsequently, I&C continues for 4 months beyond the end of construction, being completed in March 1964 for Squadron 11.

It is obvious that production, construction, and I&C must be properly related and phased. No single aspect can be emphasized at the expense of another. Expansion of missile production facilities is the focus of longest lead time. Unless expansion begins this month, as planned, we cannot reach the 600 force level and FY 64, regardless of the degree of later emphasis on construction or I&C.

A number of factors will make the deployment of MINUTEMAN a considerably simpler task than deployment of its predecessors:

a. The experience and know-how to do the task, gained from ATLAS and TITAN.

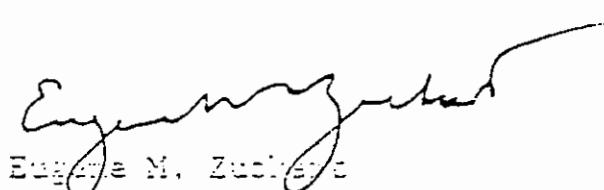
b. The formation of the Air Force Systems Command, and the integration of Corps of Engineer capability within it, to obtain unified management control over the acquisition and deployment of MINUTEMAN and other systems.

c. The relative simplicity of MINUTEMAN.

d. The designation of a single contractor - Boeing - with full responsibility for I&C. Planning for I&C has been detailed and thorough. See Enclosure 1.

e. The "pre-packaged" concept, in which the majority of the assembly work for I&C will be done in the factory, rather than in the field.

f. Numbers. The quantity of MINUTEMAN missiles will allow us to use, for the first time, true production techniques in accomplishing the I&C task.



Eugene M. Zuckert

1 attach
Planning for
MINUTEMAN I&C

cc: Dep Sec Def

~~SECRET~~
PLANNING FOR MINUTEMAN I&C

The planning for MINUTEMAN I&C began two years ago with creation of a separate organization within Boeing, having the sole responsibility for I&C of the MINUTEMAN.

Based on experience gained from the ATLAS program, a detailed plan was developed. The MINUTEMAN I&C plan is based on prefabricated assemblies, interchangeable sub-systems and components and use of detailed management control techniques. The prefabricated assemblies will be shipped to the site for installation. No assembly of bits and pieces will occur at the site. Interchangeable sub-systems and components will allow considerable speed-up of I&C as personnel become familiar with the equipment and the system.

Management control techniques consist of job breakdowns and sequences, manpower breakdowns and assignments, status reporting system, man hour reports, and a quality control system. The details of this plan can be appreciated when one understands that in the job breakdown and sequences, each job is so scheduled that one crew can accomplish each task within 3 hours.

This I&C plan is being tested, improved and updated at the Seattle Test Facility, which is a proving ground to test and functionally prove out the operational program.

Later, at Vandenberg Air Force Base, the I&C plan will be implemented in the same fashion as if this base were an operational site. At Vandenberg AFB, the USAF intends to make the I&C plan a sound and workable system.

The Air Force objective force has been 11 squadrons of HAD MINUTEMAN by end FY 64. Consequently, our plans have been geared to this force. With the deferment of the mobile MINUTEMAN, additional management talent and manpower can be assigned as, and if required, for I&C.

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DECEMBER 2 1961

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OFFICE OF DEFENSE

Ref ID: A6511

MEMORANDUM FOR SECRETARY OF DEFENSE

SUBJECT: Evaluation of Ballistic Missile Effectiveness (Task 47)

Task Statement:

Prepare a procedure assuring adequate control and measurement of missile firings to test reliability, training, and operations under field conditions.

DRDC's approach to and interpretation of Task 47 has given due regard to the recent and continuing effort of the Joint Staff as outlined in JCS 2012/135. (Described in Tab A along with other background). An important objective has been to avoid resource-wasting duplication in data gathering and evaluation procedures while establishing and preserving an OOD ability for operational effectiveness judgments independent of purely military processes.

DRDC proposes that the procedure requested under Task 47 be as follows:

I. Tasks to be Performed by WADC

A. Evaluate the developmental and operational test data of MELARIO, ATLAS, TITAN, MIRAGEON, and EXCALIBUR missile systems.

B. Develop optimum procedures and criteria upon which to base overall evaluations of such missile systems.

A preliminary report applicable primarily to ATLAS and MELARIO is required by 15 September 1961 in order to be of use in preparation of SICOP 63.

A first phase report presenting more fully developed methodology should be submitted by 1 April 1962. Any serious deficiencies or limitations should be reported as soon as ascertained to permit timely corrective action.

(NOTE: These tasks are coincident with WADC tasks under JCS 2012/135, and the WADC program in detail is not recited as Tab B. It reflects collaboration and coordination accomplished by CUSCI with WADC and Joint

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Declassify Date: 01-01-2016

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II. Tasks to be Performed by AFSC

A. Provide continuing technical assistance and guidance to AFSC in the performance of the above tasks. To make this possible and effective:

A-1. Examine the reliability engineering and test procedures followed in the evaluation of missile components and systems as these procedures affect overall operational capability. Initiate improvements as necessary and practicable.

A-2. Examine operating, maintenance and training procedures as they affect overall operational capability. Ensure that meaningful and sufficient procedures are employed.

B. Review and evaluate the reports to be submitted by AFSC in response to AFSC tasks A and B above insofar as they pertain to DIA's responsibilities. Advise the Secretary of Defense as appropriate.

C. At bi-monthly intervals following 15 September 1961 report to the Secretary of Defense on anticipated system performance of the principal ballistic missiles.

III. Task to be Performed by JCS

A. At bi-monthly intervals following 15 September 1961 report to the Secretary of Defense on anticipated operational effectiveness of ballistic missiles embodied in current SICPs.

John W. Rubel
Acting Director

Enclosures - 2

1. Tab A
2. Tab B

Capt Maxwell/mek/lme/j61
OTRS (S/V) 32-135/77926

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STATEMENT OF CURRENT ADDITIONAL REQUIREMENTS FOR TASK 47

1. JCS 2012/165, 27 March 1961, "Evaluation of Operational Effectiveness of Ballistic Missiles" instituted a formal program by which the functions of evaluating the operational effectiveness of ballistic missiles may be performed and the results applied to military matters. It assigns certain responsibilities to the Joint Staff, NSIC, and the Services. The procedure evolved by JCS includes, in essence, three steps:

NSIC (Tab B Describes the NSIC Program)

Obtains, derives, and provides to JCS technical evaluations of developmental and operational test data.

Develops methodology (including definitions, criteria, and procedures) leading to a common basis for overall evaluations.

SERVICES

Provide available to NSIC necessary data.

Provide NSIC with technical assistance.

DIRECTOR, JOINT STAFF

In conjunction with Services, recommend actions to JCS with regard to application of NSIC evaluations.

Coordinate with NSIC and Services in development of methodology.

2. Secret memorandum of 20 April 1961 requests a plan, to be worked out with Air Force and Navy, for "operational testing" under rigidly controlled conditions of ATLAS, TITAN, POLARIS, and MINUTEMAN. CDRR is developing this plan separate from Task 47. However, this plan can be expected ultimately to become part of the overall evaluation process.

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