

~~CONFIDENTIAL~~

Downgraded to Unclassified

DECLASSIFIED

26 JUN 1989

~~CONFIDENTIAL~~

COMPARISON OF BMD PROGRAMS

3 November 1957

SMC

MAXWELL AFB AL 36112	AFSHRC
RETURN TO	v. 19
26 JUN 1989	1954-1967
	K243.012-14

BMD-2-

CLASSIFIED BY

26 JUN 1989

SUBJECT TO GENERAL DECLASSIFICATION
SCHEDULE OF EXECUTIVE ORDER 11652
AUTOMATICALLY DOWNGRADED AT TWO YEAR
INTERVALS DECLASSIFIED ON DECEMBER
31, 1965

DECLASSIFIED

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

Uncl
~~CONFIDENTIAL~~

26 JUN 1989

~~CONFIDENTIAL~~

~~SECRET~~

SM-65 PROGRAM SUMMARY

		CY 58				CY 59				CY 60				CY 61				CY 62				CY 63			
		TOTAL	PRIOR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
DELIVERIES	(1) AUTH. FOR IMPLEMENT.	165	18	4	6	6	7	9	12	12	12	12	12	12	12	12	12	7							
ALLOCATIONS	R&D (1)	110	18	4	6	6	7	7	7	7	8	10	6	7	7	6	4								
	WS117L																								
	IOC (1)	55						2	5	5	4	2	6	5	5	6	8	7							
OPERATIONAL SQDNS	AUTHORIZED FOR IMPLEMENT. (SOFT)																								

COOKE COMPLEX COOKE
 (2) (2) (1) (2) (3)

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SM-65 PROGRAM SUMMARY

		TOTAL	PRIOR	CY 58				CY 59				CY 60				CY 61				CY 62				CY 63			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
DELIVERIES	(1) AUTH. FOR IMPLEMENT.	165	18	4	6	6	7	9	12	12	12	12	12	12	12	12	12	7									
	(2) AUTH. FOR PLANNING	165	18	4	6	6	7	9	12	12	12	12	13	13	14	13	14										
ALLOCATIONS	R&D (1) + (2)	110	18	4	6	6	7	7	7	7	8	10	6	7	7	6	4										
	WS 117L																										
	IOC (1) (2)	55 55						2	5	5	4	2	6	5	5	6	8	7									
OPERATIONAL SQDNS	AUTHORIZED FOR IMPLEMENT. (SOFT)																										
	AUTHORIZED FOR PLANNING (SOFT)																										

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SM-65 PROGRAM SUMMARY

			CY 58				CY 59				CY 60				CY 61				CY 62						
			TOTAL	PROR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
DELIVERIES	(1) AUTH. FOR IMPLEMENT		165	18	4	6	6	7	9	12	12	12	12	12	12	7									
	(2) AUTH. FOR PLANNING		165	18	4	6	6	7	9	12	12	12	13	13	14	13	14								
	(3) PROPOSED ACCEL. (25OCT)		298	18	4	6	6	7	9	14	15	15	18	18	18	18	17	15	16	16	16	16	18		
ALLOCATIONS	R&D	(1) & (2)	110	18	4	6	6	7	7	7	8	10	6	7	7	6	4								
		(3)	130	18	4	6	6	7	7	7	8	10	6	7	7	6	6	6	6						
	WS 117L	(3)	38						1	2	1	2	2	3	3	3	3	3	3	3	3	3			
	IOC	(1)	55						2	5	5	4	2	6	5	5	6	8	7						
(2)		55						2	5	5	4	2	7	6	7	7	10								
(3)		130						2	6	6	6	6	10	8	8	9	8	6	7	7	13	13	15		
OPERATIONAL SQDNS	AUTHORIZED FOR IMPLEMENT. (SOFT)																								
	AUTHORIZED FOR PLANNING (SOFT)																								
	PROPOSED ACCEL. (25OCT)	SOFT																							
		HARD																							

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~~SECRET~~

SM-65 PROGRAM SUMMARY

		CY58				CY59				CY60				CY61				CY62						
		TOTAL	PROG	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
AUTHORIZED FOR IMPLEMENT.		105	18	4	6	6	7	9	12	12	12	12	12	12	12	7								
AVAIL. FOR PLANNING		165	18	4	6	6	7	9	12	12	12	12	13	13	14	13	14							
(3) PROPOSED ACCEL. (25 OCT)		298	18	4	6	6	7	9	14	15	15	18	18	18	18	17	15	16	16	16	16	18		
(4) MAXIMUM OPN'L BUILD-UP		536	18	4	6	6	7	9	14	15	16	20	25	31	37	40	42	45	45	45	45	45	21	
R&D	(1) + (2)	110	18	4	6	6	7	7	7	7	8	10	6	7	7	6	4							
	(3) + (4)	130	18	4	6	6	7	7	7	8	10	6	7	7	6	6	6	6						
NS 117L		(3) + (4)	38					1	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3
IOC	(1)	55						2	5	5	4	2	6	5	5	6	8	7						
	(2)	55						2	5	5	4	2	7	6	7	7	10							
	(3)	130						2	6	6	6	6	10	8	8	9	8	6	7	7	13	13	15	
	(4)	368						2	6	6	7	8	11	21	21	31	33	36	36	36	42	42	18	
AUTHORIZED FOR IMPLEMENT. (SOFT)																								
AUTHORIZED FOR PLANNING (SOFT)																								
PROPOSED ACCEL. (25 OCT)	SOFT																							
	HARD																							
MAXIMUM OPN'L BUILD-UP	SOFT																							
	HARD																							

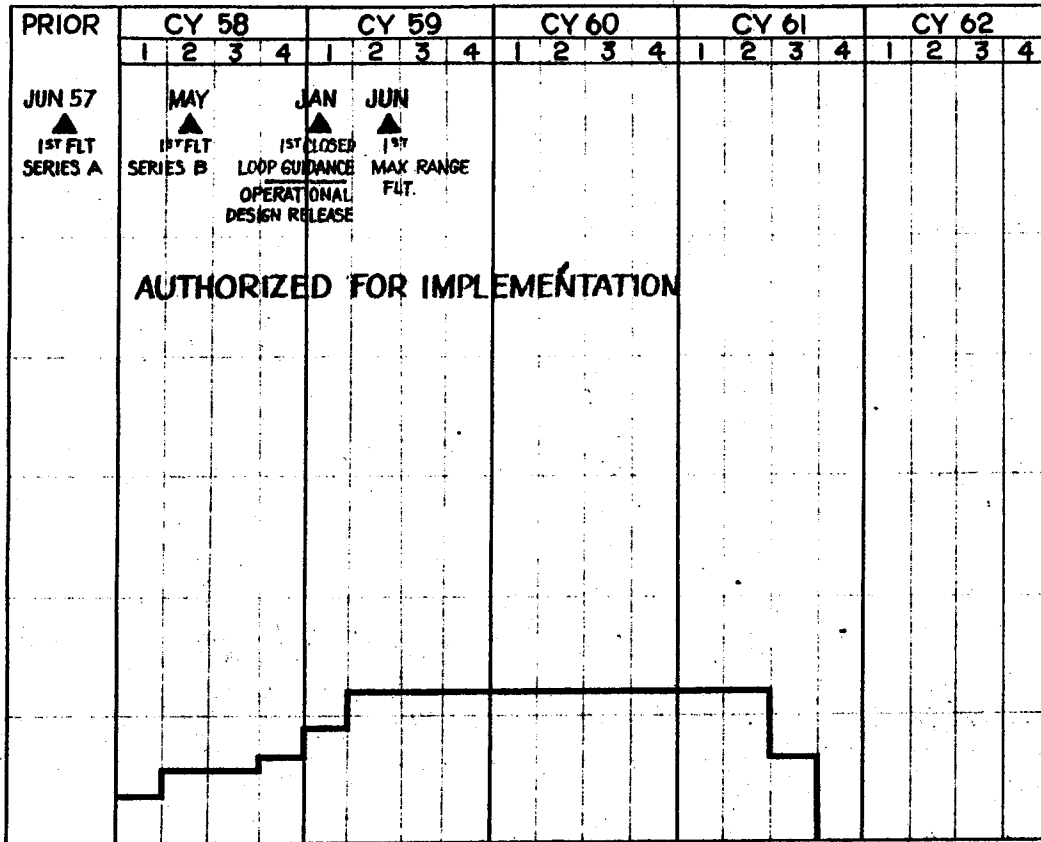
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SM-65 PRODUCTION SUMMARY

R & D
MILESTONES

QUARTERLY
MISSILE
PRODUCTION

ANNUAL PROD
TOTAL
R&D
IOC
WS 117L

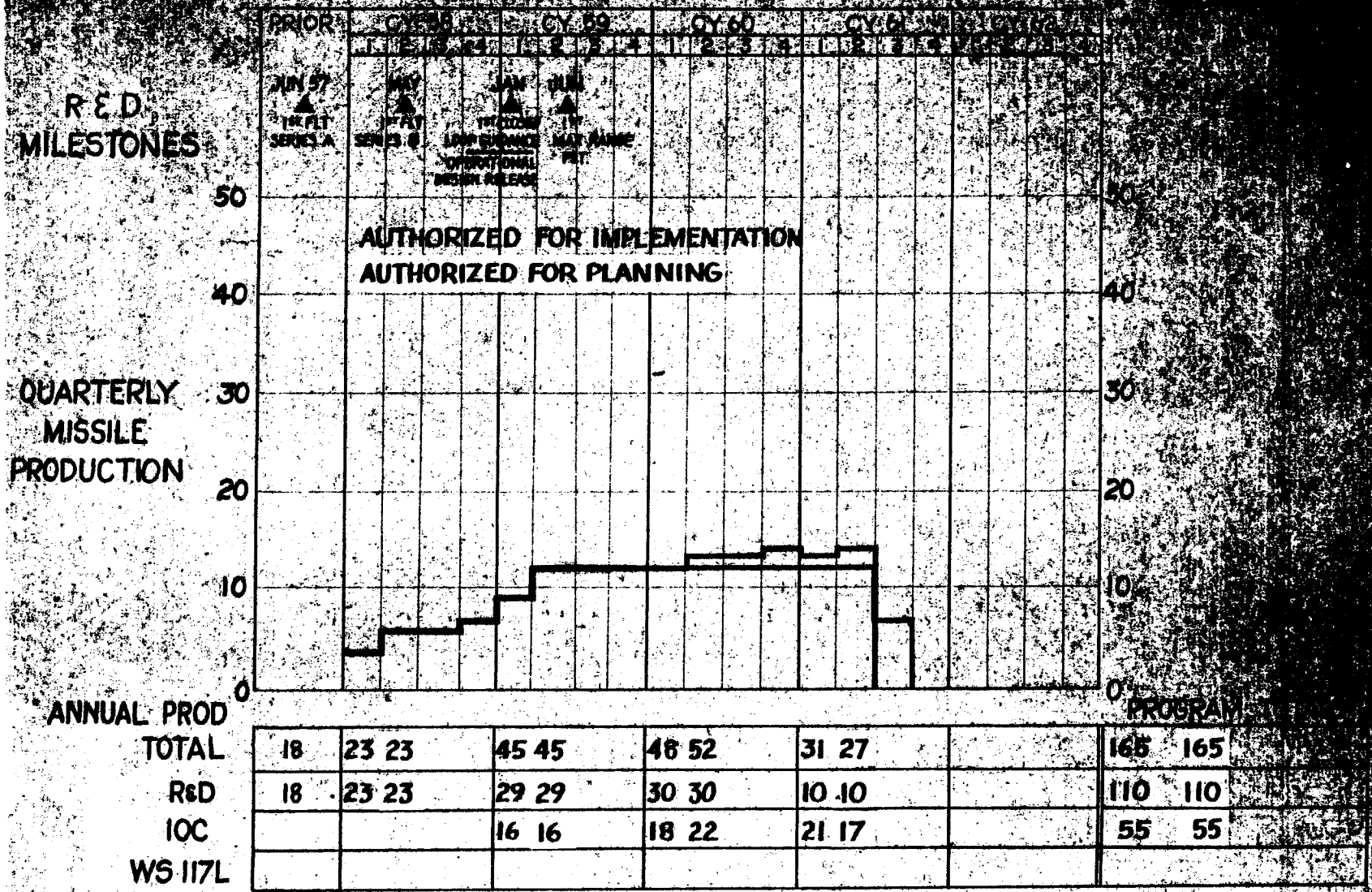


PROGRAM TOTALS

18	23	45	48	31	165
18	23	29	30	10	110
		16	18	21	55

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SM-65 PRODUCTION SUMMARY



~~SECRET~~
~~CONFIDENTIAL~~

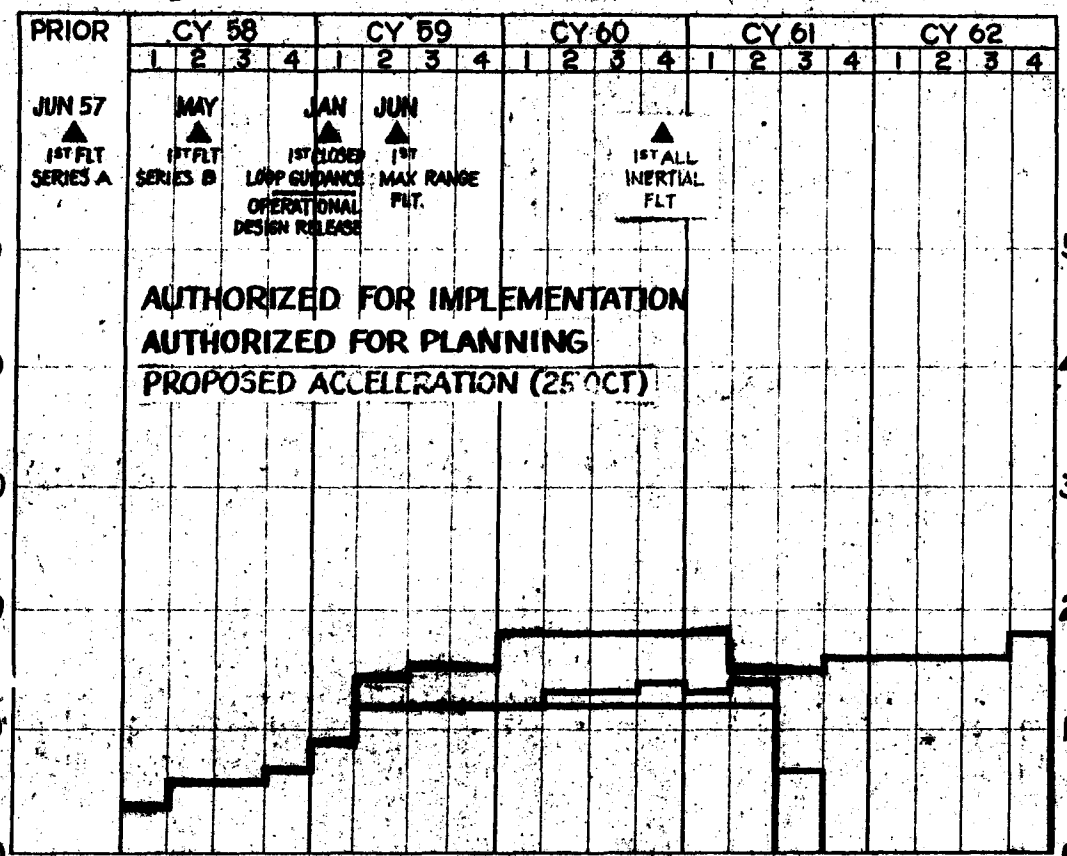
SECRET

SM-65 PRODUCTION SUMMARY

R & D
MILESTONES

QUARTERLY
MISSILE
PRODUCTION

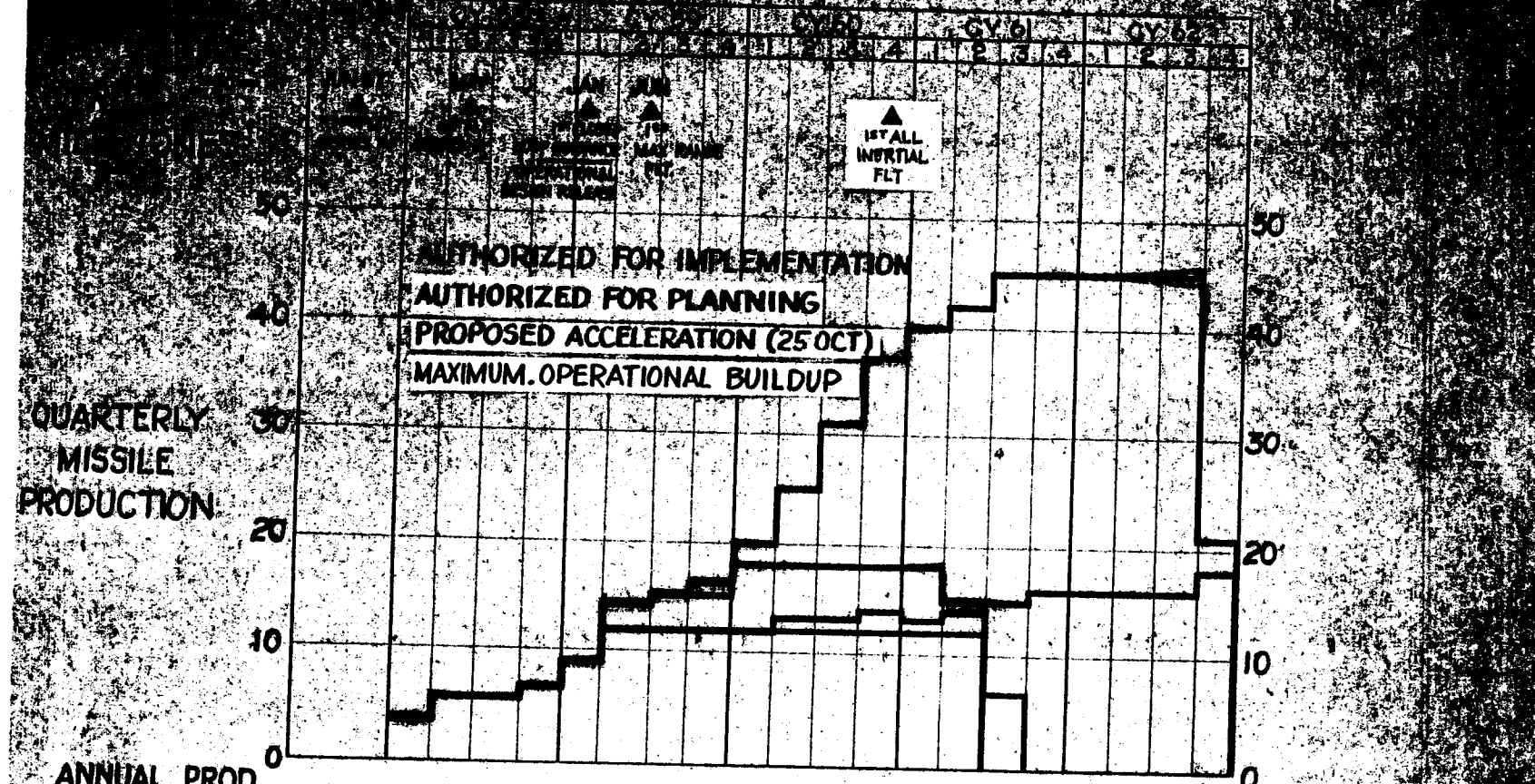
ANNUAL PROD
TOTAL
R&D
IOC
WS 117L



PROGRAM TOTALS

	PRIOR	CY 58				CY 59				CY 60				CY 61				CY 62			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
ANNUAL PROD TOTAL	18	23	23	23	45	45	53	48	52	72	31	27	66	66	165	165	298				
R&D	18	23	23	23	29	29	29	30	30	30	10	10	24	6	110	110	130				
IOC					16	16	20	18	22	32	21	17	30	48	55	55	130				
WS 117L						4			10			12		12			38				

PRODUCTION SUMMARY



ANNUAL PROD
TOTAL
R&D
IOC
WS 117L

	CY 58												CY 59				CY 60				CY 61				CY 62				CY 63				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
TOTAL	18	23	23	23	23	45	45	53	54	48	52	72	113	31	27	66	172					66	156			165	165	298	536				
R&D	18	23	23	23	23	29	29	29	29	30	30	30	30	10	10	24	24					6	6			110	110	130	130				
IOC						16	16	20	21	18	22	32	73	21	17	30	136					48	138			55	55	130	368				
WS 117L								4	4			10	10			12	12							12	12							38	38

PROGRAM TOTALS

S/N 68 PROGRAM SUMMARY

OPERATIONS & MAINTENANCE ALLOCATIONS (MIL) (M)

	TOTAL	MOR	CY 58				CY 59				CY 60				CY 61				CY 62		
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	
AUTH FOR IMPLEMENTATION	140	0	1	4	5	5	6	6	5	6	6	8	8	9	12	12	11	12	12	12	
AUTH FOR PLANNING	140	0	1	4	5	5	6	6	5	6	6	8	8	9	12	12	11	12	12	12	
R&D	(1)	84	0	1	4	5	5	6	6	5	6	6	8	8	9	7	6	2			
	(2)	84	0	1	4	5	5	6	6	5	6	6	8	8	7	6	5	6			
IOC	(1)	56													5	6	9	12	12	12	
	(2)	56													2	6	7	5	12	12	12
AUTH FOR IMPLEMENTATION (HARD)																		1	3	2	3
AUTH FOR PLANNING (HARD)																		1	2	3	4

		0	1	4	5	5	6	6	5	6	6	8	8	9	12	12	11	12	12	12					
AUTH. FOR PLANNING		140	0	1	4	5	5	6	6	5	6	6	8	8	9	12	12	11	12	12	12				
PROPOSED ACCEL'N (25OCT)		229	0	1	4	5	5	6	6	5	8	11	12	12	15	15	18	16	18	18	18				
R&D	(1)	84	0	1	4	5	5	6	6	5	6	8	8	9	7	6	7								
	(2)	84	0	1	4	5	5	6	6	5	6	6	8	8	7	6	5	6							
	(3)	87	0	1	4	5	5	6	6	5	8	11	12	10	6	8									
IOC	(1)	56													5	5	9	12	12	6					
	(2)	56													2	6	7	5	12	12	12				
	(3)	142													2	9	7	18	16	18	18	18			
AUTH. FOR IMPLEMENTATION (HARD)																			1	1	1				
AUTH. FOR PLANNING (HARD)																			1	1	1	1			
PROPOSED ACCEL'N(25OCT)(HARD)																			1	2	3	3	3	3	3

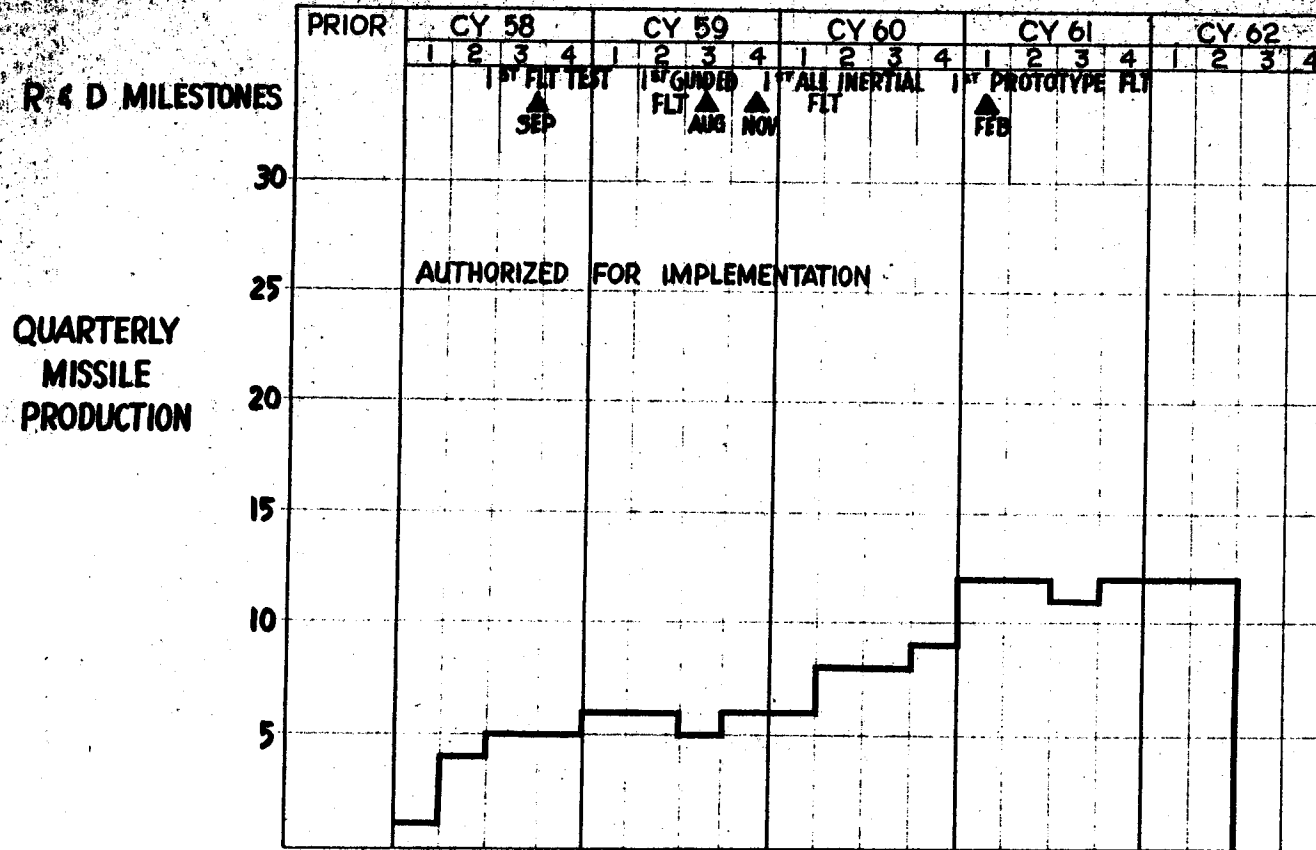
SYSTEMS PROGRAM SUMMARY

OPERATIONAL SCHEDULES ALLOCATIONS

	TOTAL	PRIOR	CY 58				CY 59				CY 60				CY 61											
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
AUTH FOR IMPLEMENTATION	140	0	1	4	5	5	6	6	5	6	6	8	8	9	12	12	11	12								
⊙ AUTH FOR PLANNING	140	0	1	4	5	5	6	6	5	6	6	8	8	9	12	12	11	12	12	12						
⊙ PROPOSED ACCEL'N (25 OCT)	229	0	1	4	5	5	6	6	5	8	11	12	12	15	15	18	16	18	18	18	18	18				
⊙ MAXIMUM OPNL BUILD-UP	260	0	1	4	5	5	6	6	5	8	11	12	12	15	18	20	22	24	27	29	30					
R&D	(1)	84	0	1	4	5	5	6	6	5	6	6	8	8	9	7	6	2								
	(2)	84	0	1	4	5	5	6	6	5	6	6	8	8	7	6	5	6								
	(3) & (4)	87	0	1	4	5	5	6	6	5	8	11	12	10	6	8										
IOC	(1)	56													5	6	9	12	12	12						
	(2)	56													2	6	7	5	12	12	12					
	(3)	142													2	9	7	18	16	18	18	18				
	(4)	173													2	9	10	20	22	24	27	29				
AUTH FOR IMPLEMENTATION (HARD)																			1	1	1	1				
AUTH FOR PLANNING (HARD)																			1	2	1	2				
PROPOSED ACCEL'N (25 OCT) (HARD)																			1	2	3	4	5	6	7	8
MAXIMUM OPNL BUILD-UP (HARD)																			1	2	3	4	5	6	7	8

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SM-68 PRODUCTION SUMMARY

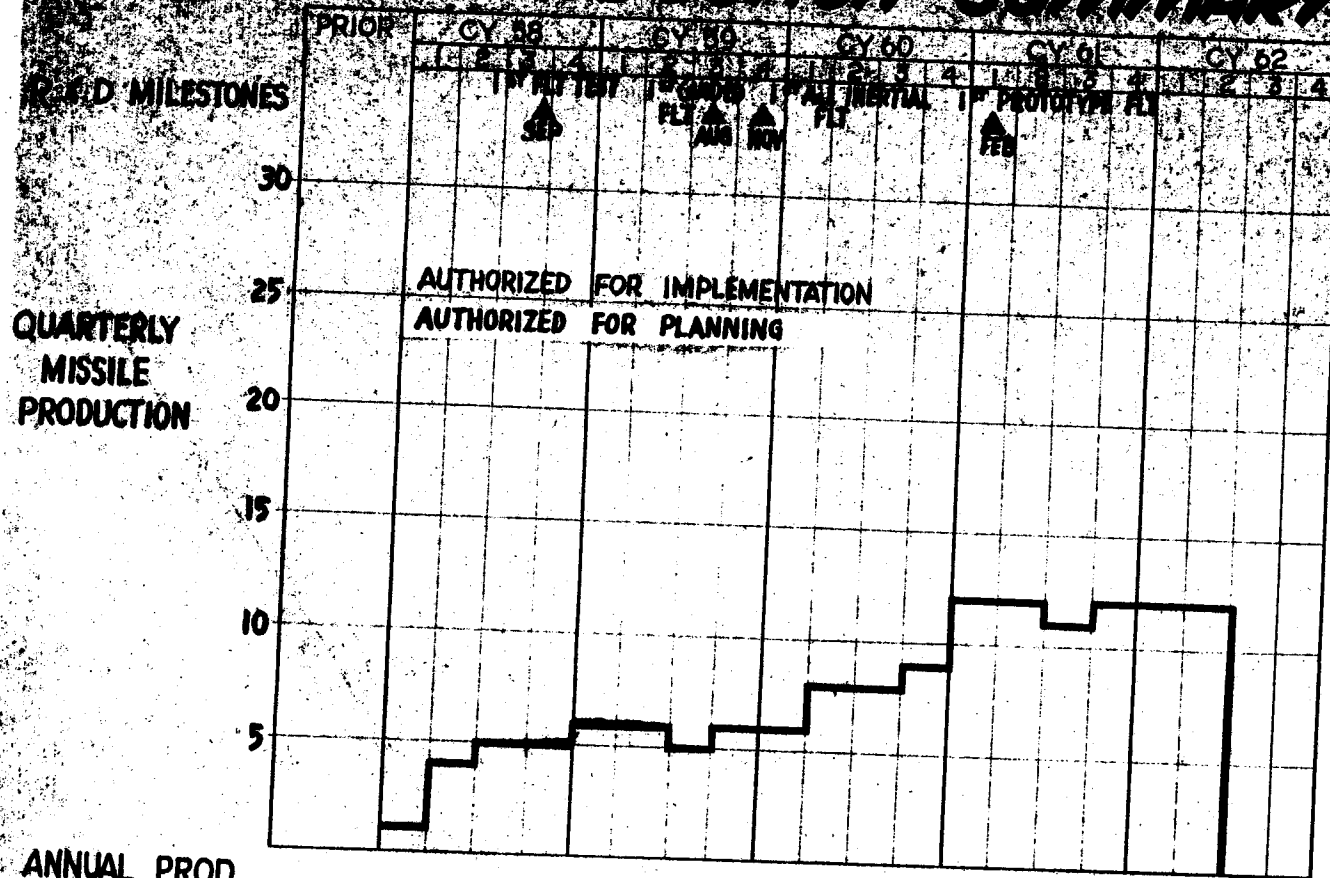


ANNUAL PROD
TOTAL
R&D
IOC

	PRIOR	CY 58	CY 59	CY 60	CY 61	CY 62	PROGRAM TOTALS
TOTAL	0	15	23	31	47	24	140
R&D	0	15	23	31	15		84
IOC	0	0	0	0	32	24	56

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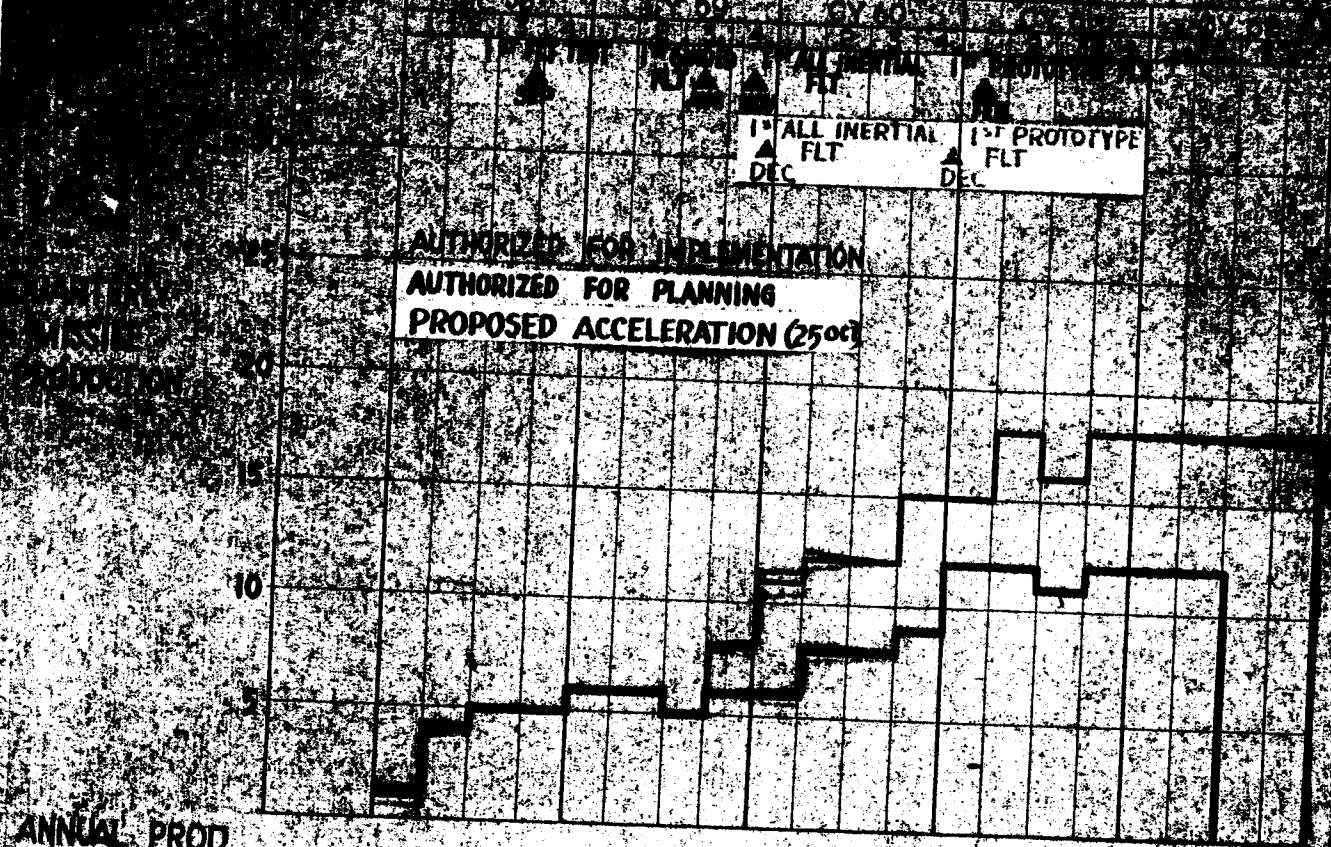
~~SECRET~~ SM-68 PRODUCTION SUMMARY



ANNUAL PROD TOTAL

	CY 58		CY 59		CY 60		CY 61		CY 62		PROGRAM TOTALS	
0	15	15	23	23	31	31	47	47	24	24	140	140
R&D	0	15	15	23	23	31	29	15	17		84	84
IOC	0	0	0	0	0	2	32	30	24	24	56	56

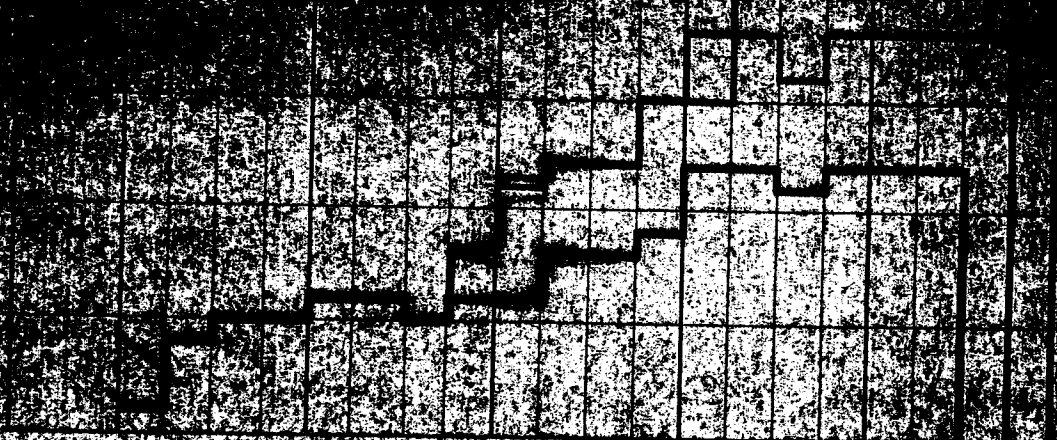
PRODUCTION SUMMARY



ANNUAL PROD	PROGRAM 10																		
TOTAL	0	15	15	15	23	23	25	31	31	50	47	47	67	24	24	72	140	140	229
RED	0	15	15	15	23	23	25	31	29	39	15	17	8				84	84	87
10C	0	0	0	0	0	0	0	0	2	11	32	30	59	24	24	72	56	56	142

1. ALL INFORMATION IS UNCLASSIFIED
 2. DATE 11/11/01 BY SP5/STW/STW
 3. AUTHORITY 50 USC 3025

AUTHORIZED FOR PLANNING
 PROPOSED ACCELERATION @ 50c
 MAXIMUM OPERATIONAL BUILD-UP



TOTAL PROD
 PROD
 @ 50c

PROGRAM

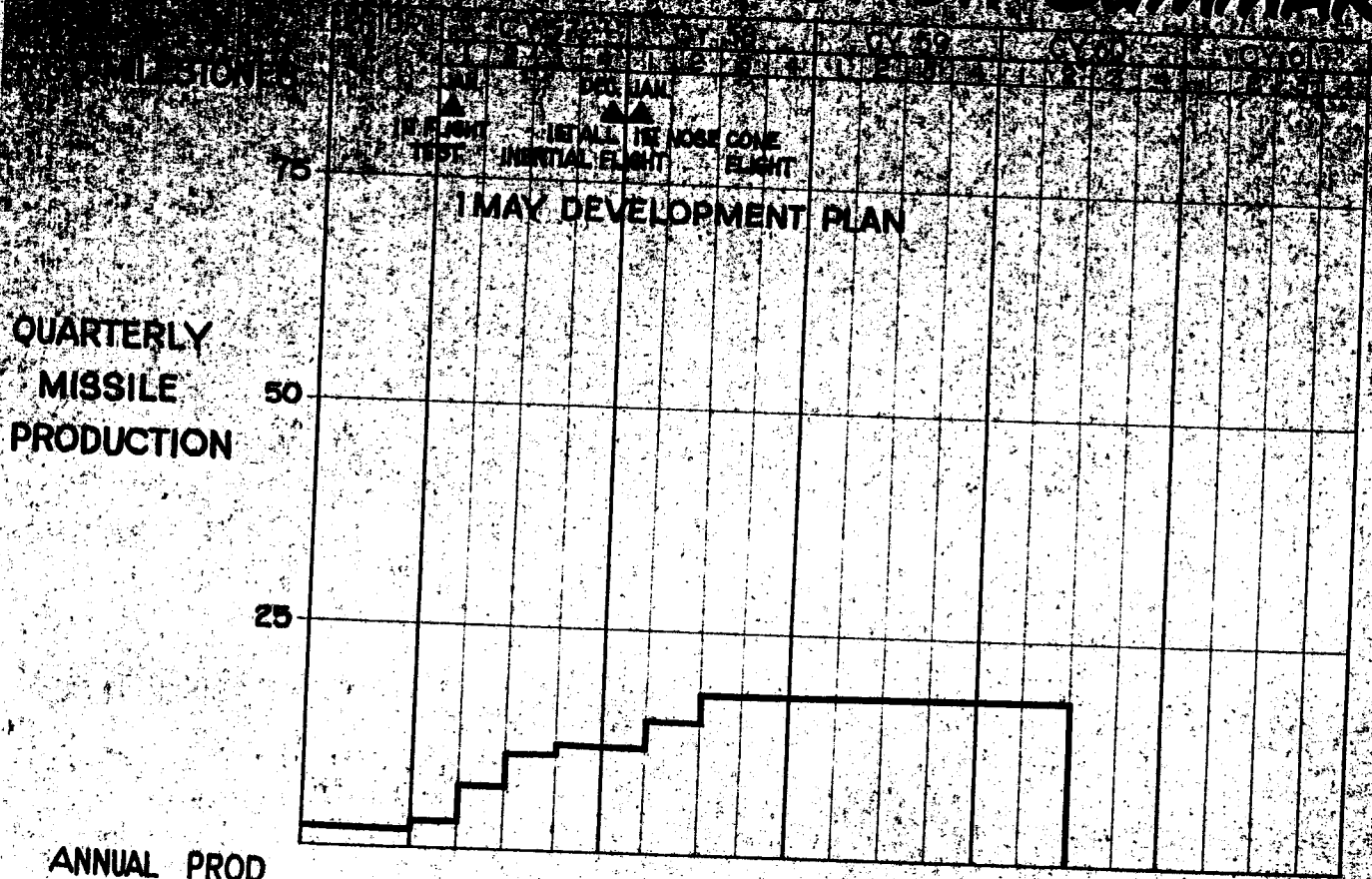
0	15	15	15	15	23	23	25	25	31	31	50	50	47	47	67	84	24	24	72	86	140	140	229	260
0	15	15	15	15	23	23	25	25	31	29	39	39	15	17	8	8					84	84	87	87
0	0	0	0	0	0	0	0	0	0	2	11	11	32	30	59	76	24	24	72	86	56	56	142	173

PROGRAM SUMMARY

160211

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
AUTH. FOR PLANNING	176	2	3	3	5	6	6	6	6	8	8	6	6	2																	
PROPOSED ACCEL (25 OCT)	282	2	3	3	3	7	7	6	10	14	13	21	24	24	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	
(3)	84	2	3	3	6	6	6	6	6	6	6	6	6	5	4	3	3														
(4)	78	2	3	3	5	6	6	6	9	10	8	4	6	2	2	4	2														
(3)	95							2	4	6	12	12	13	14	15	15															
(4)	97								1	8	14	12	16	16	14	16															
(3)	204								1	4	10	17	18	22	22	20	22	24	24	20											
GROUP PLAN	4																														
AUTH. FOR PLANNING	4																														
PROPOSED ACCEL (25 OCT)	8																														

SM-75 PRODUCTION SUMMARY



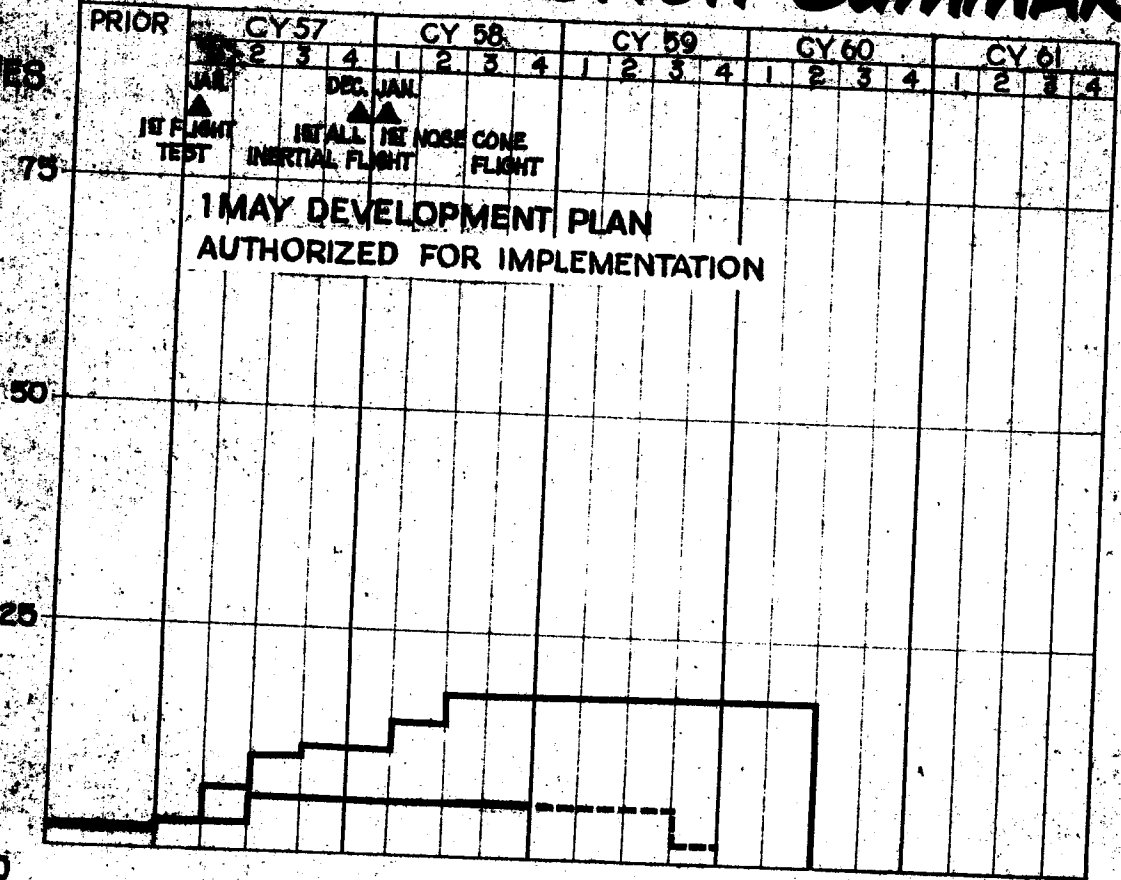
ANNUAL PROD
TOTAL
R&D
IOC

	75	76	77	78	79	80	PROGRAM TOTALS
TOTAL	2	33	63	72	36		206
R&D	2	33	51	21	6		113
IOC	0	0	12	51	30		93

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SM-75 PRODUCTION SUMMARY

DESIGNER'S



1 MAY DEVELOPMENT PLAN
AUTHORIZED FOR IMPLEMENTATION

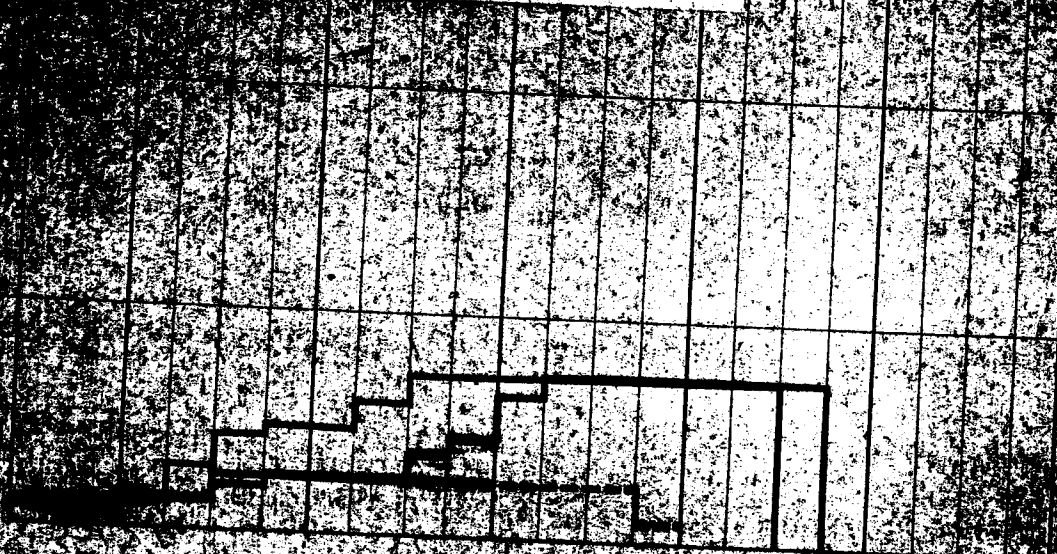
QUARTERLY
MISSILE
PRODUCTION

ANNUAL PROD
TOTAL
R&D
IOC

	CY 57	CY 58	CY 59	CY 60	CY 61	PROGRAM TOTALS
ANNUAL PROD TOTAL	2	3318	6324	7220	36	206 64
R&D	2	3318	5124	2120	6	113 64
IOC	0	0 0	12 0	51 0	30	93 0

JAN	DEC	JAN	
IN FLIGHT TEST	INERTIAL FLIGHT	IN FLIGHT TEST	IN FLIGHT TEST

DEVELOPMENT PLAN
 AUTHORIZED FOR IMPLEMENTATION
 AUTHORIZED FOR PLANNING



0000
 0000
 0000

2	33 18 17	63 24 32	72 20 70	36 54		20	64 175
2	33 18 17	51 24 31	21 20 20	6 8		11	64 78
0	0 0 0	12 0 1	51 0 50	30 46		9	0 97

~~SECRET~~

JAN.	DEC.	JAN.	
1ST FLIGHT TEST	1ST ALL INERTIAL FLIGHT	1ST NOSE CONE FLIGHT	

AUTHORIZED FOR IMPLEMENTATION
 AUTHORIZED FOR PLANNING
 PROPOSED ACCELERATION (25 GBT)

18	17	16
18	17	16
0	0	0

24	32	37
24	31	32
0	1	5

20	70	87
20	20	20
0	5	67

36	54	96
6	8	8
30	46	88

44
0
44

64	175	282
64	78	78
0	97	204

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**FUNDING PROGRAM *
BY WEAPON SYSTEM-ALL YEARS
(IN MILLIONS OF DOLLARS)**

	PRIOR	FY 58	FY 59	FY 60	FY 61	FY 62
ATLAS	900	488	550	386	184	45
TITAN	569	355	405	517	326	161
THOR	241	148	221	199	72	0
TOTAL	1710	991	1176	1102	582	206

* 1 OCT DEVELOPMENT PLAN

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1 NOV 1957

**MAXIMUM OPERATIONAL BUILD-UP
FUNDING REQUIREMENTS
BY WEAPON SYSTEM
(IN MILLIONS \$)**

	<u>FY 58</u>	<u>FY 59</u>	<u>FY 60</u>	<u>FY 61</u>	<u>FY 62</u>
<u>ATLAS</u>	<u>524</u>	<u>849</u>	<u>1154</u>	<u>857</u>	<u>518</u>
<u>TITAN</u>	<u>387</u>	<u>670</u>	<u>935</u>	<u>731</u>	<u>465</u>
<u>THOR</u>	<u>216</u>	<u>422</u>	<u>518</u>	<u>475</u>	<u>206</u>
<u>TOTAL</u>	<u>1127</u>	<u>1941</u>	<u>2607</u>	<u>2063</u>	<u>1189</u>

SECRET
1 NOV '57