

# 8-PROGRAM

## Effects on Aircraft

Radar Scope Photography  
Yield-Bombing accuracy,  
height of burst-damage.

Aerial Photography  
Before Bomb Damage  
During Assessment  
After

Aircraft  
Stress Tests

Radio Propagation  
Tests

# 7-PROGRAM

## Long Range Detection

Cloud Sampling 4/6

Acoustic  
Recording Sta.

Acoustic  
Recording  
Station

Seismograph  
Station

Light Intensity  
Station

Seismograph  
Station

STATUS VERIFIED UNCLASSIFIED

Doc/HQ/100 PPT-144-11/197

AUTHORIZED DERIVATIVE  
CLASSIFIER Dec 15, 1978

DATE

2/13/97

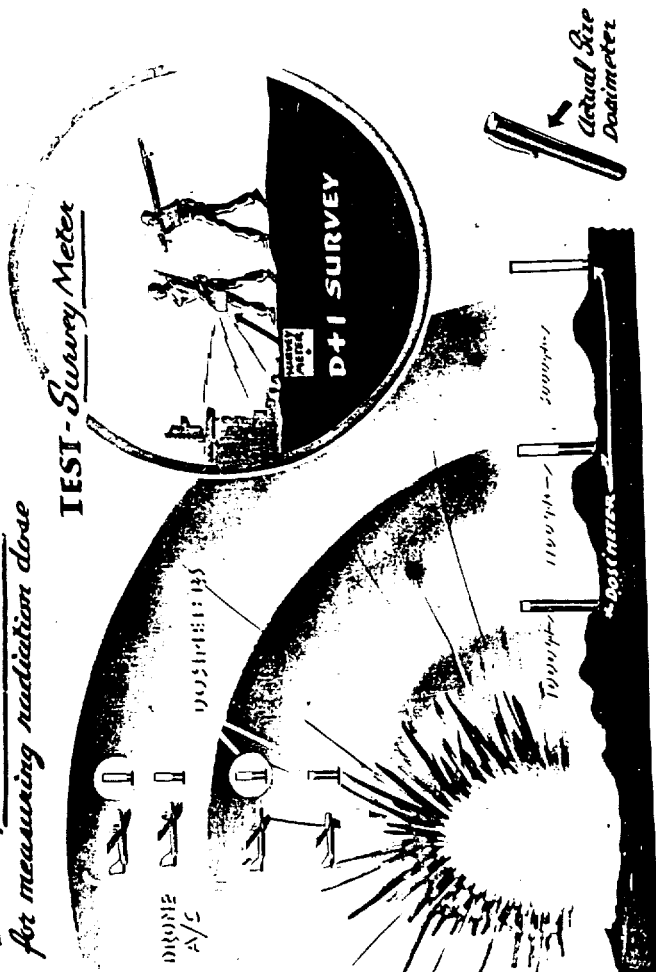
STATISTICAL SERVICES  
RESEARCH DIV. 1

E. LOCKE

LOUAE

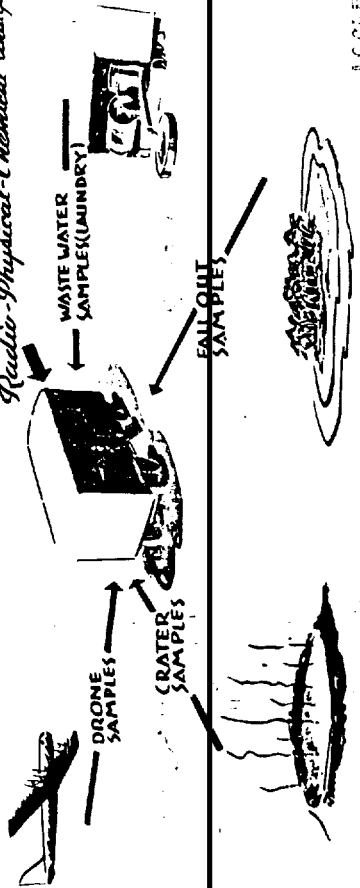
# 5-Program Evaluation of Radiac Equipment

TEST - Personnel Dosimeter  
for measuring radiation dose

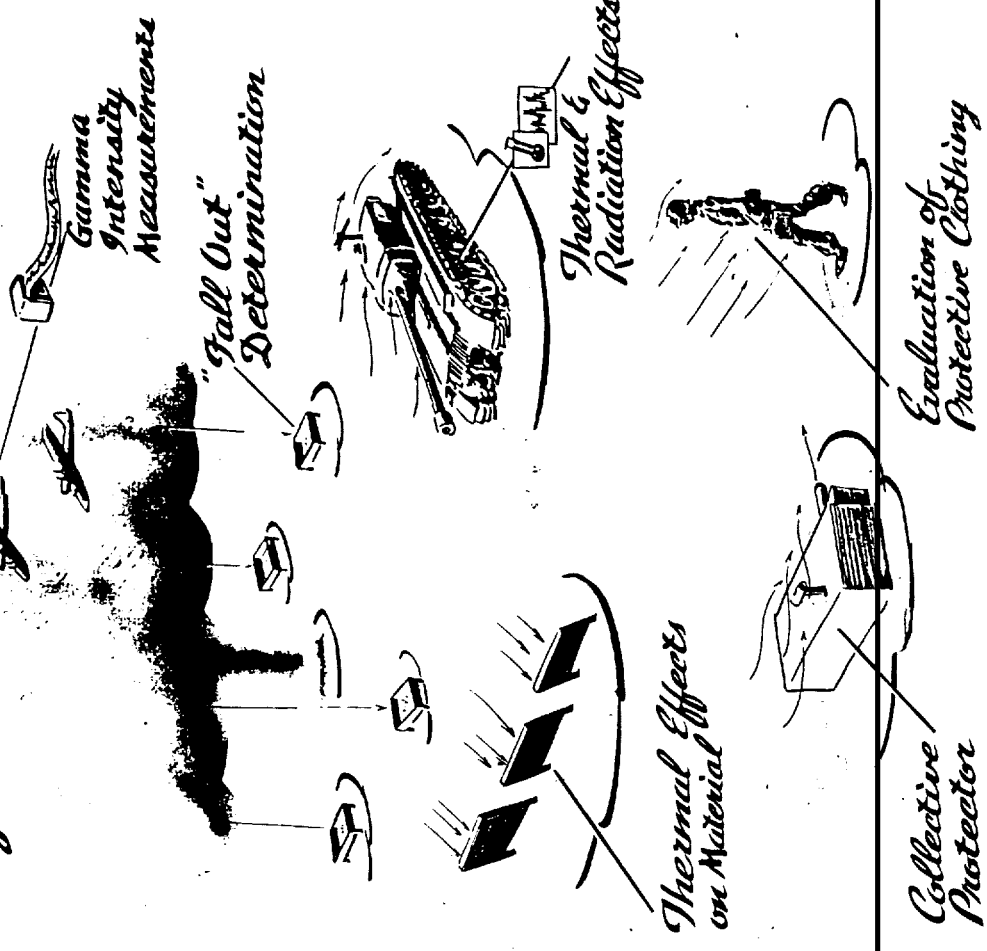


# TEST - Radiological Laboratory

Field Lab. (Mobile)  
Radio-Physical Chemical Analysis

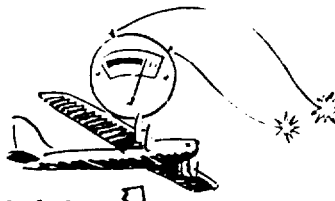


# 6-PROGRAM Physical Tests & Measurements

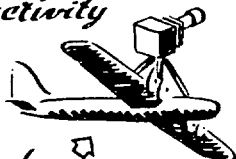


# 4-PROGRAM Cloud Physics

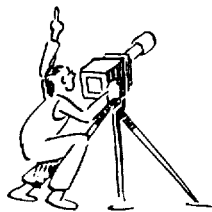
Measuring  
Atmospheric  
Conductivity



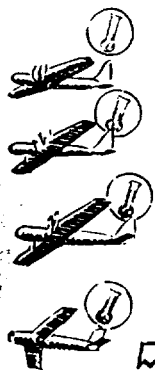
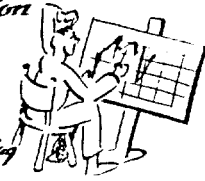
Cloud  
Photography



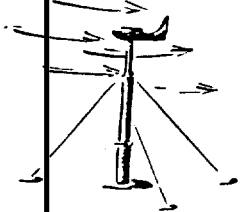
Cloud  
Documentation



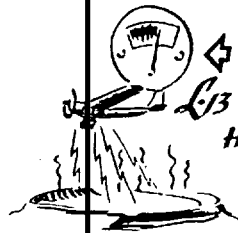
Weather Forecasting  
Research



Aerograph Program  
Drone flts

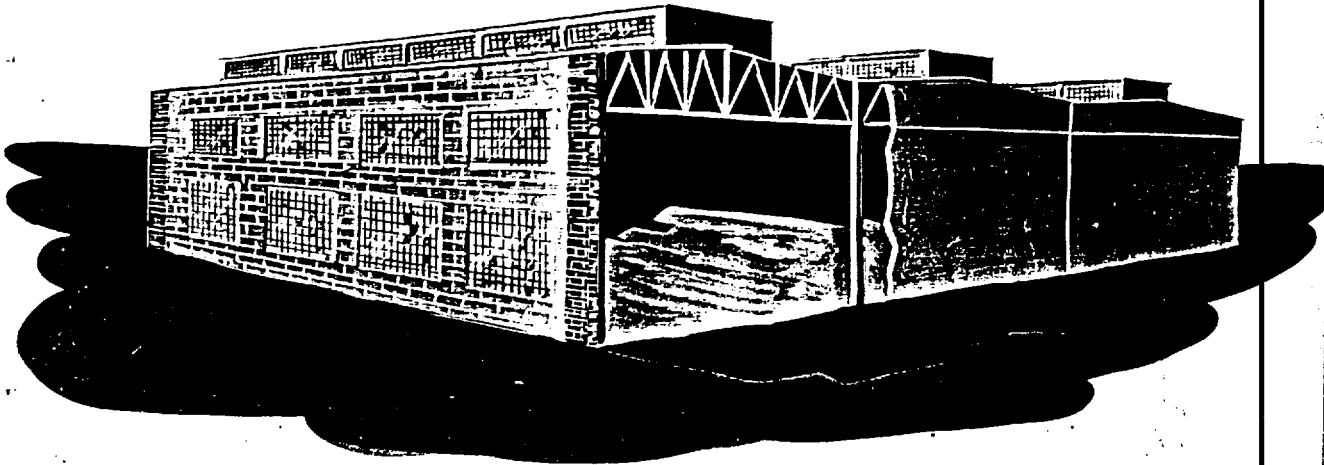


After-Wind  
Measurements

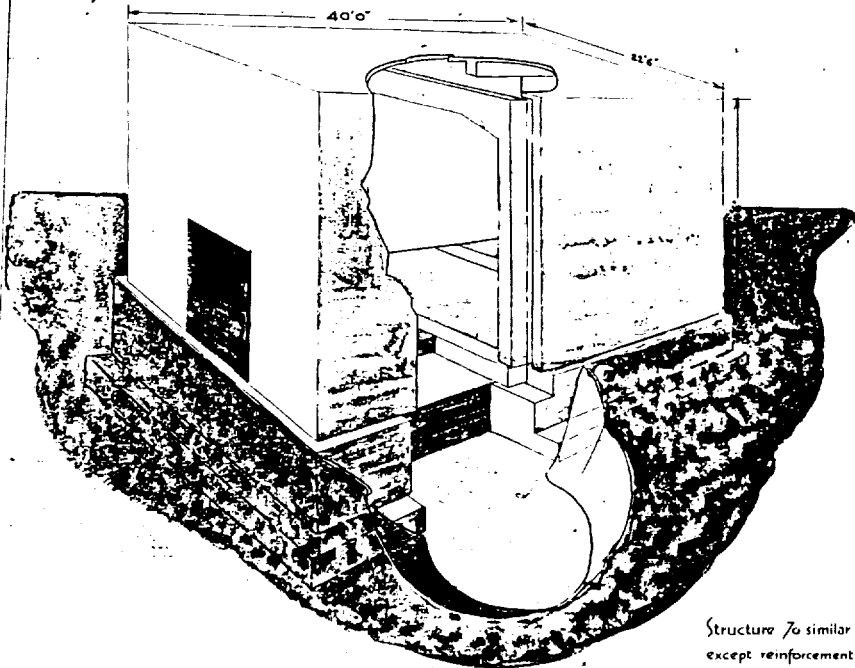


L3 Crater Survey  
H+10 hrs

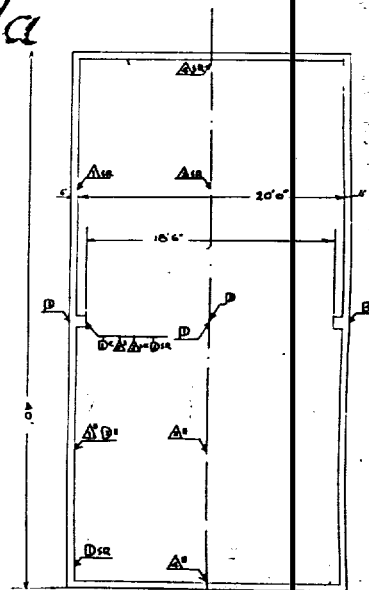
# Industrial Building "Long Span"



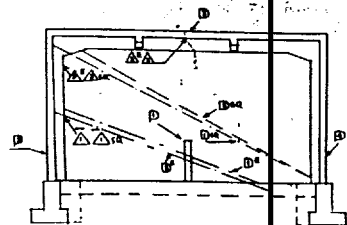
## Test Structure 3.2.7a



Structure 7a similar to 7b-  
except reinforcement is doubled.

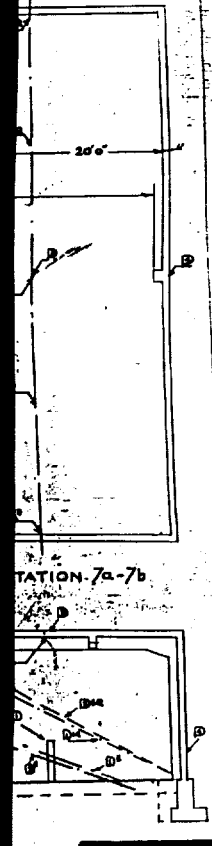
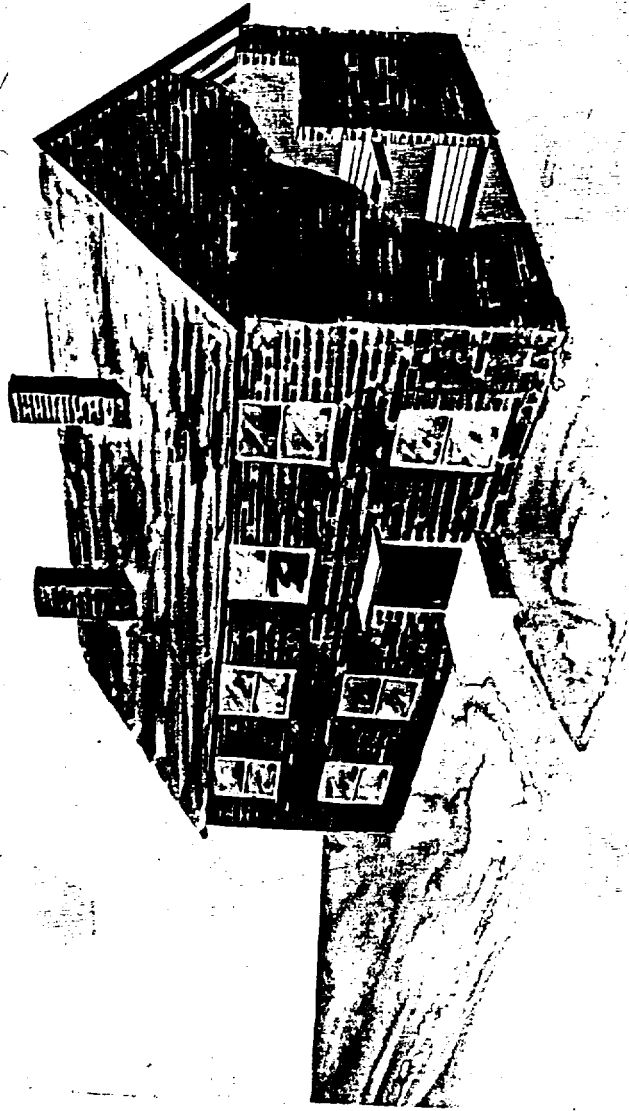


INSTRUMENTATION 7a-7b



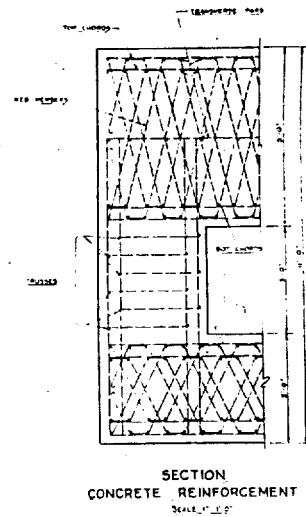
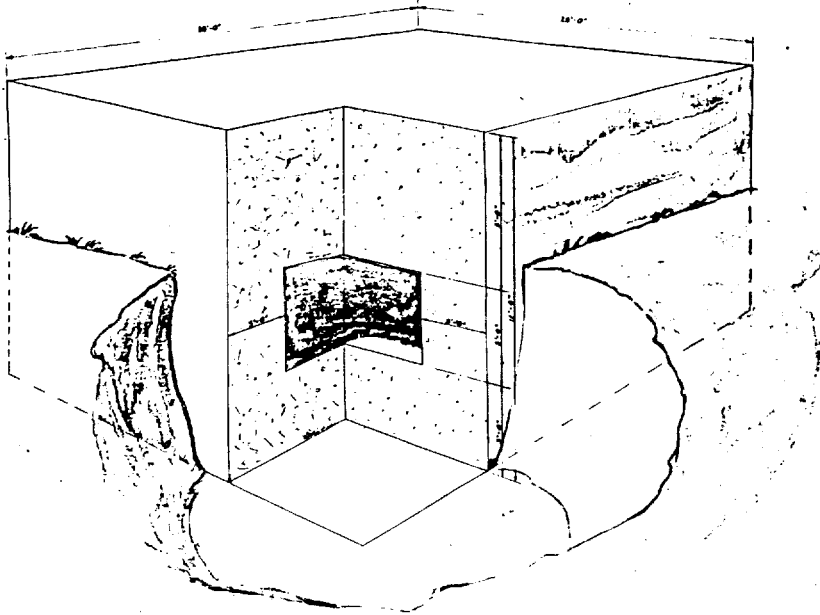
Load bearing wall dwelling time

*Load bearing wall dwelling type*

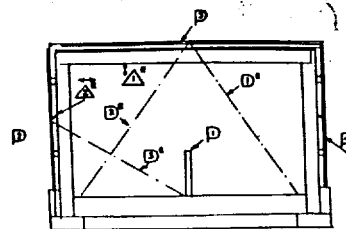
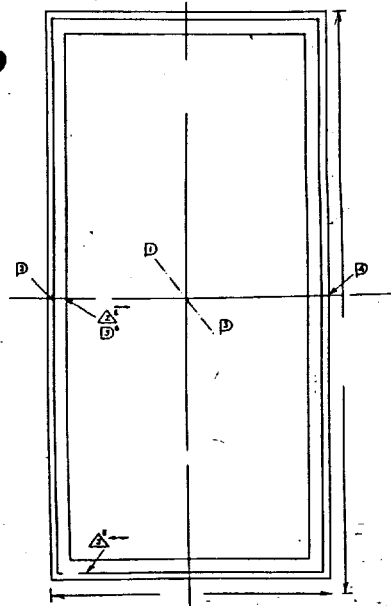
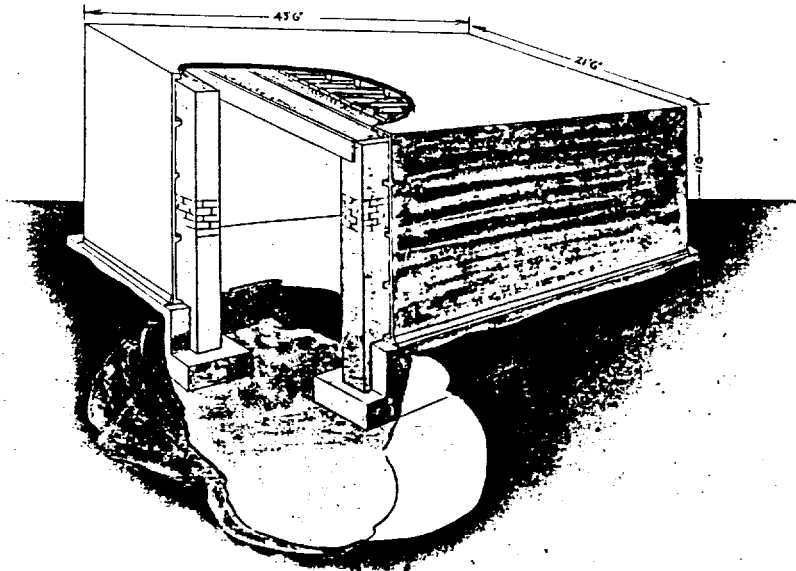


STATION 7a-7b

# Test Structure 3.2.1a

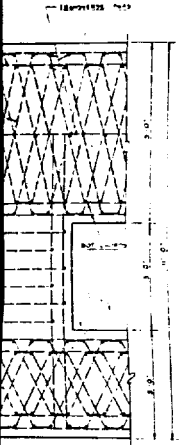


# Test Structure 3.2.2b

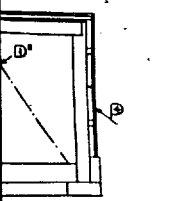
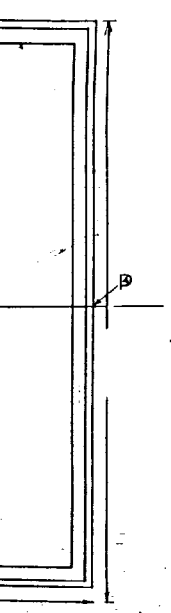


Test Structure 3.2.4a

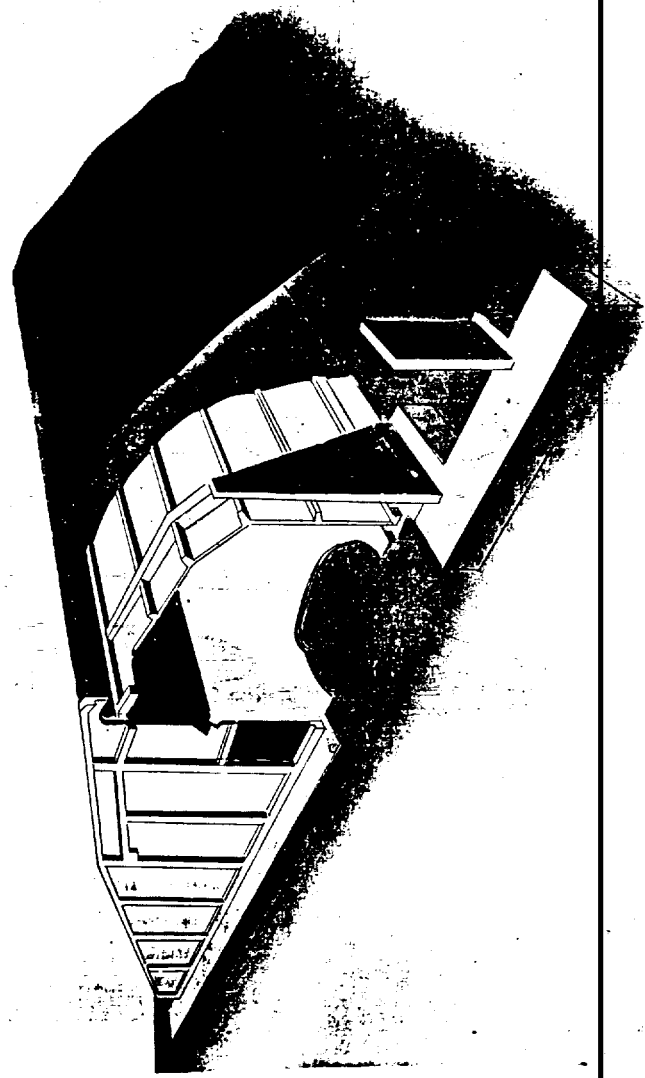
a



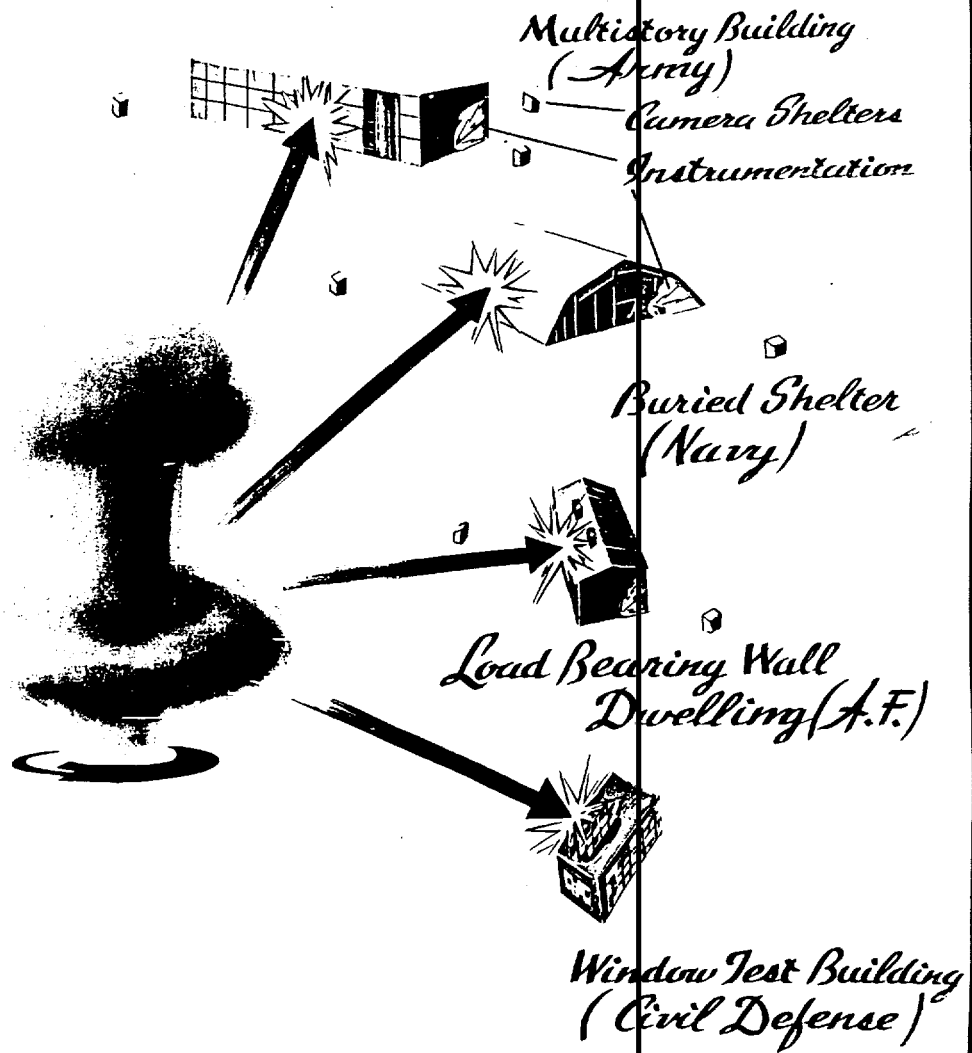
SECTION  
CONCRETE REINFORCEMENT  
SCALE: 1/4" = 1'-0"



# Test Structure 3.2.4a



# 3-PROGRAM Structures



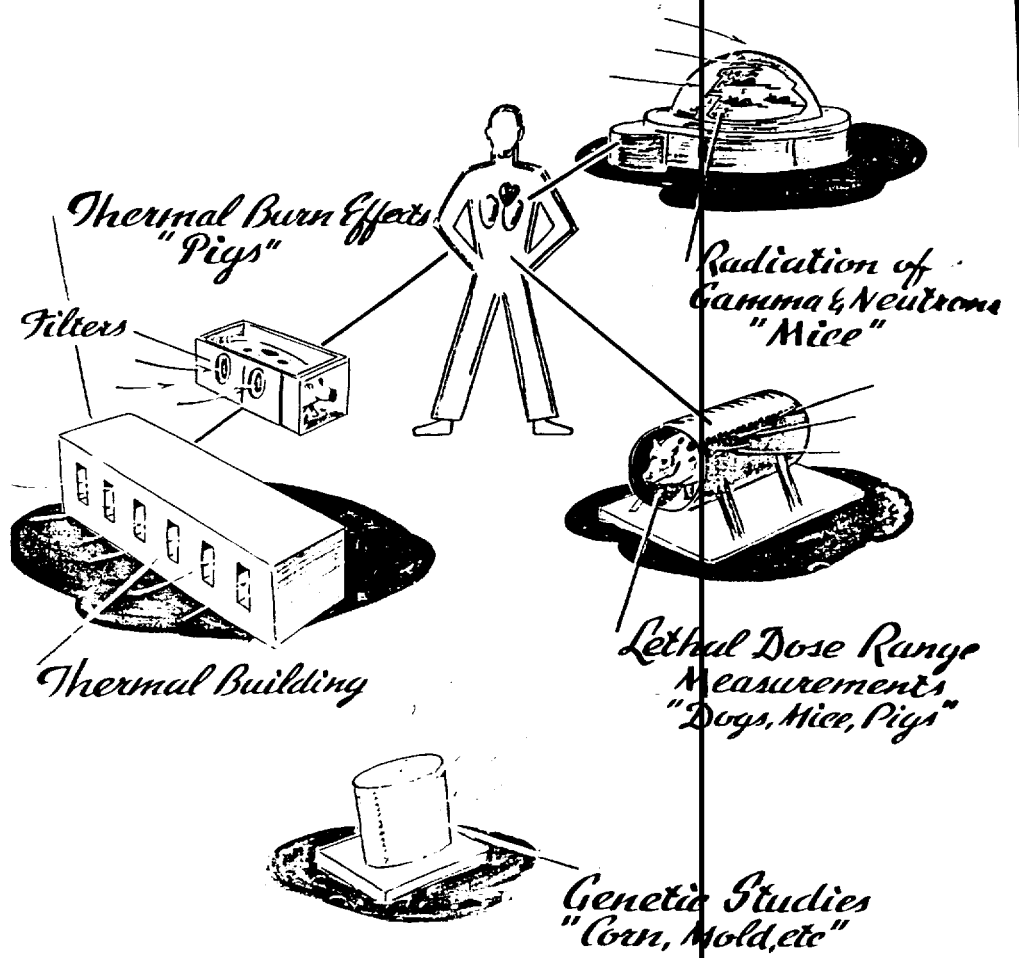
E. LOCKE

STATISTICAL SERVICES  
RESEARCHER IN-3

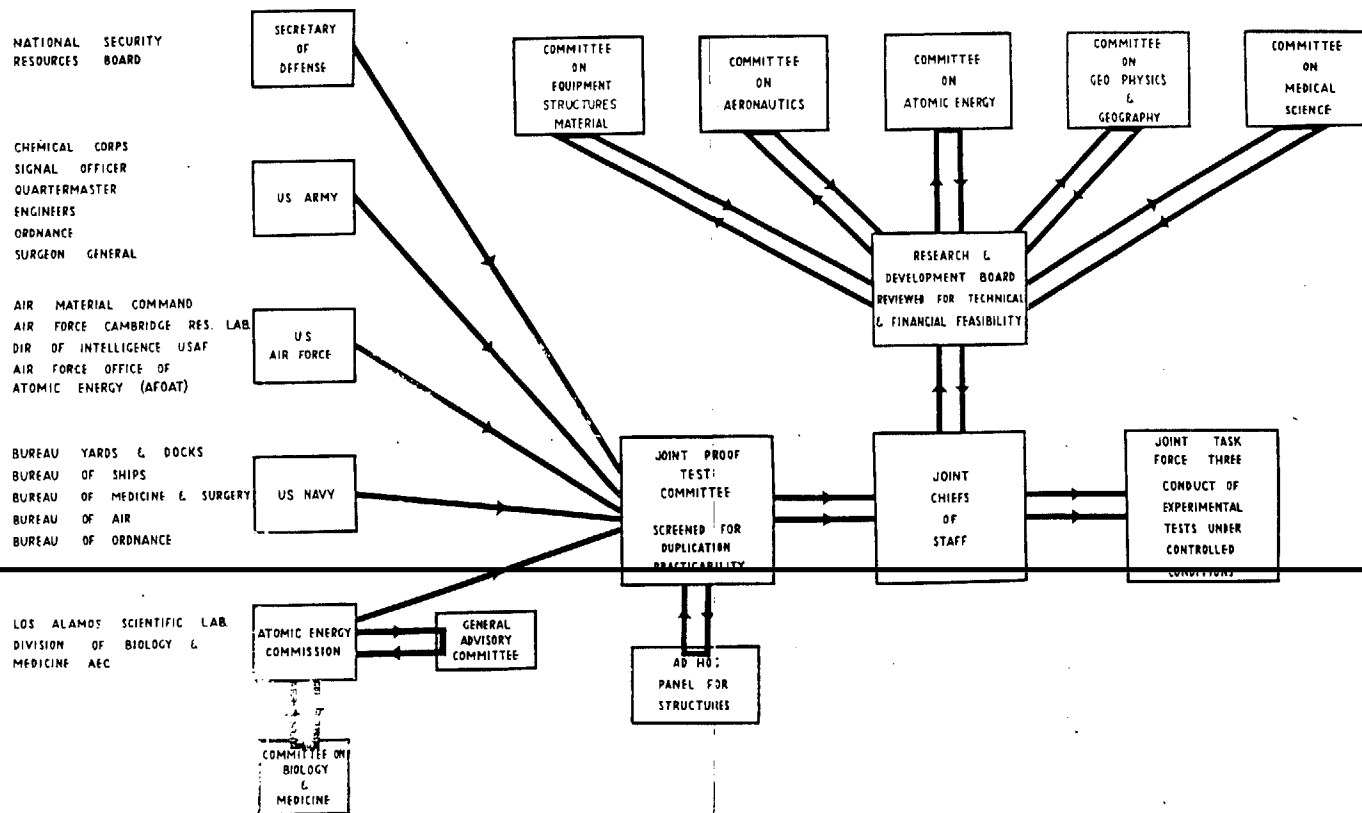


# 2-PROGRAM

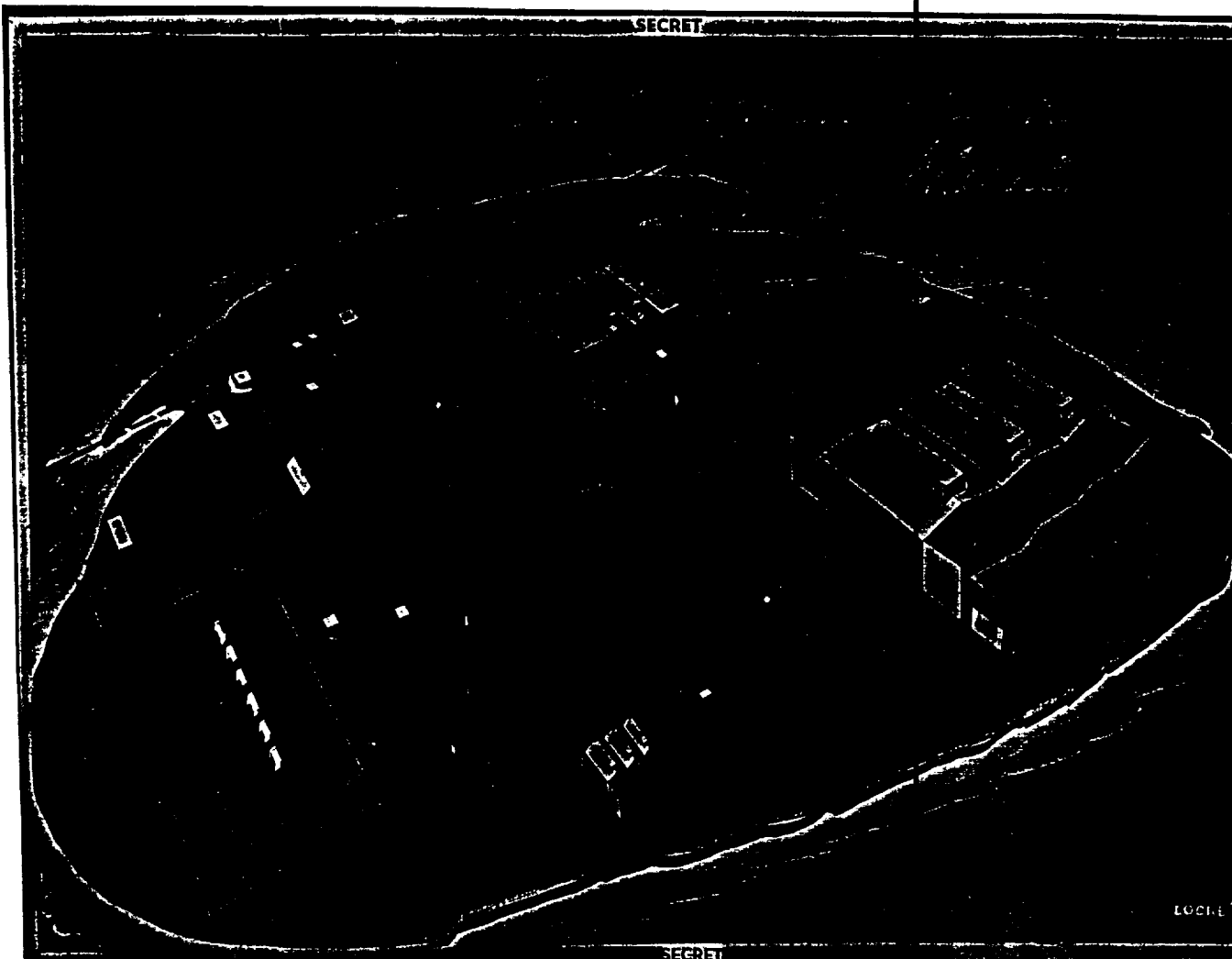
## *Bio-Medical*



# Screening and Integration of Experimental Projects



SECRET

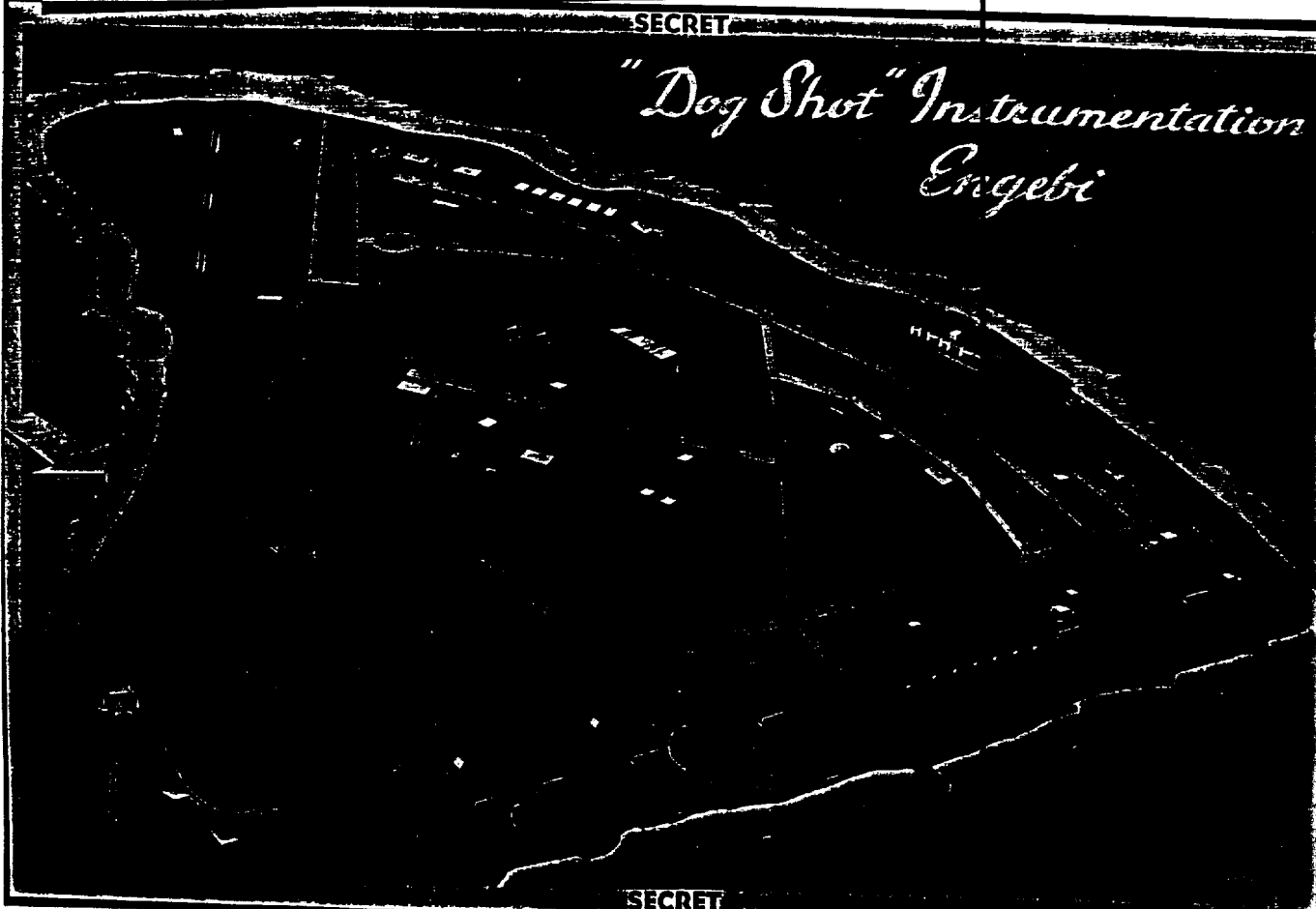


LOCLE

SECRET

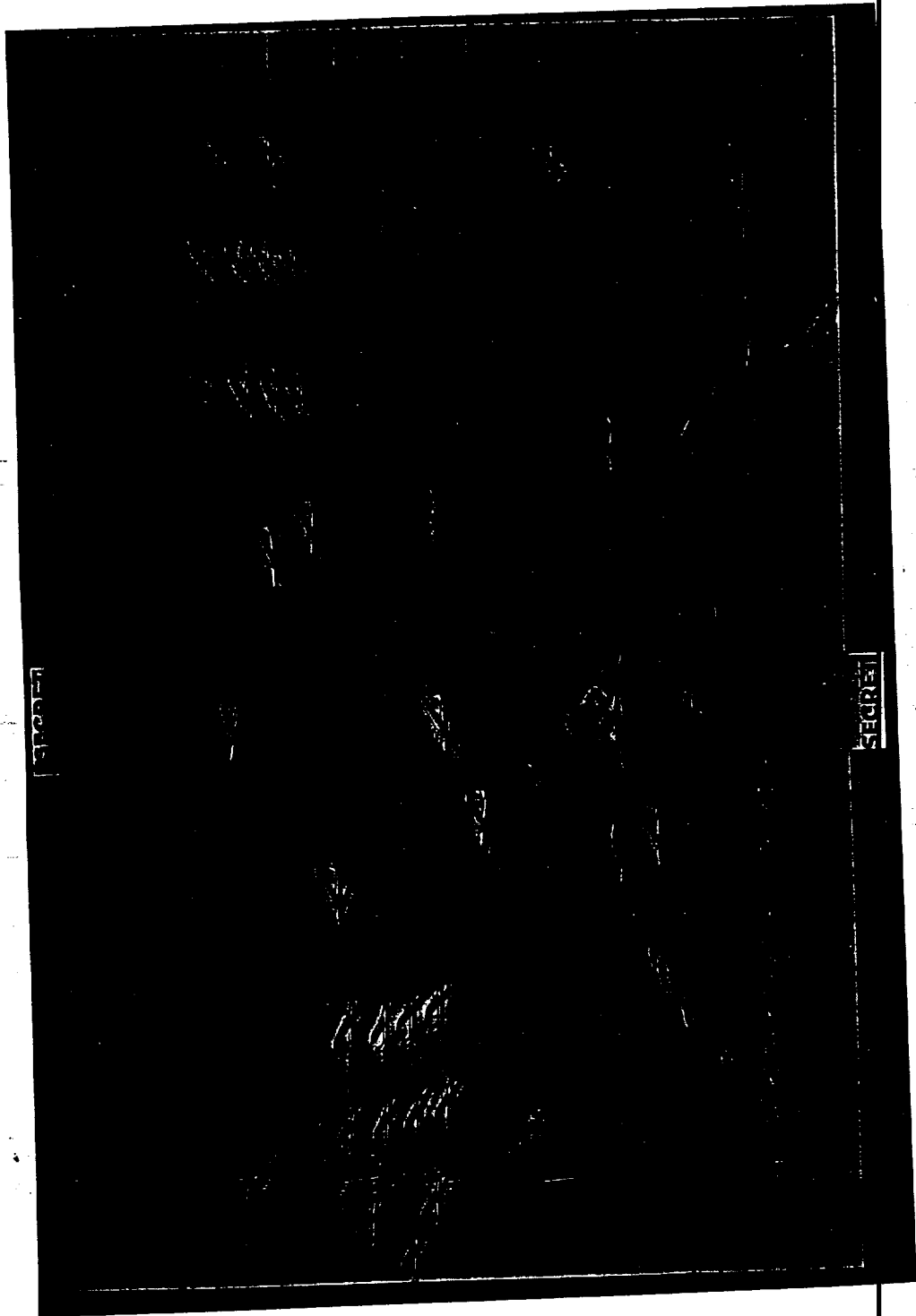
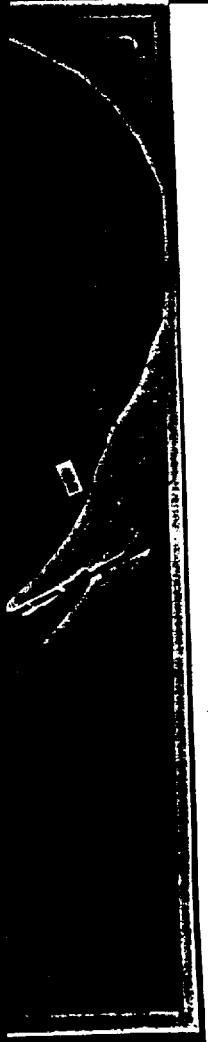
SECRET

*"Dog Shot" Instrumentation  
Ergebi*



SECRET

SECRET



SECRET

SECRET

SECRET



SECRET

SECRET

SECRET

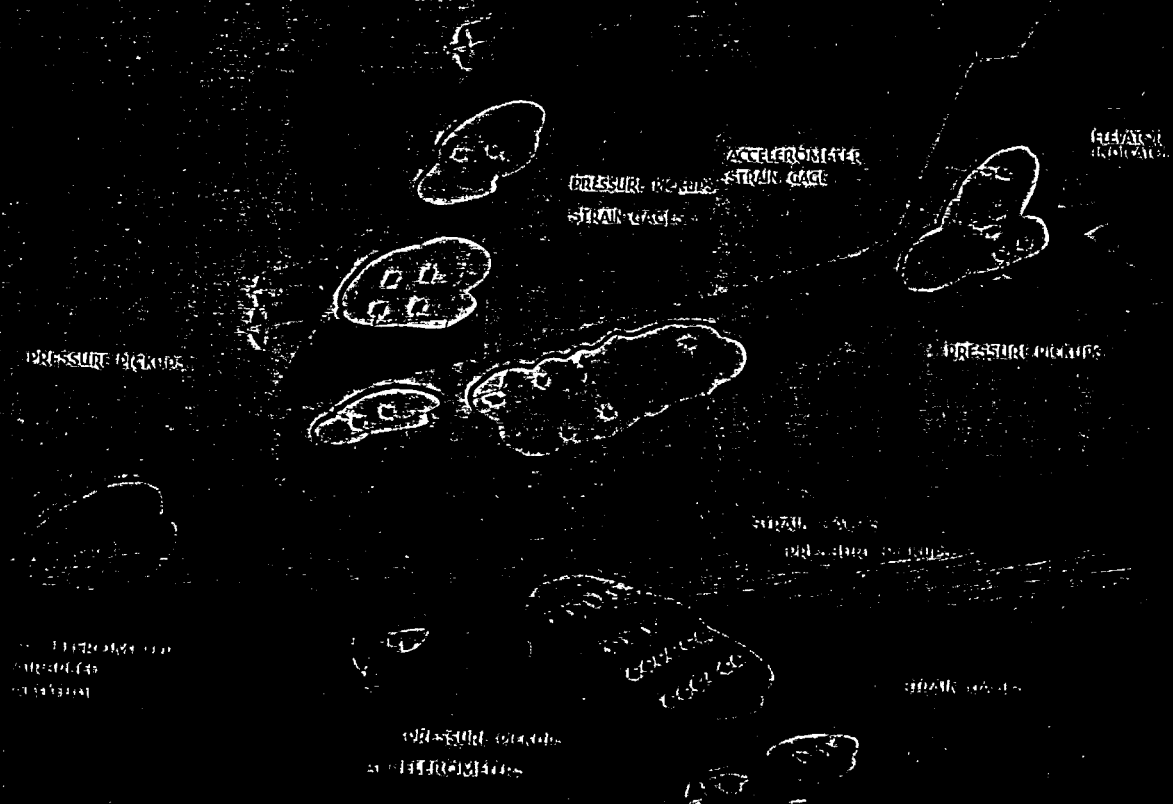
SECRET

SECRET

SECRET

**B 47** *Institution of Tradition*

SECRET



SECRET

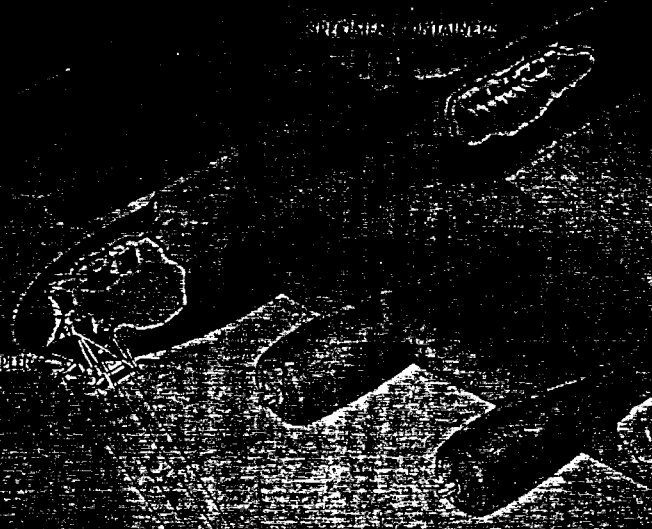
SECRET

SECRET

SECRET

SECRET

POWER SUPPLY  
SNAP SAMPLER  
ELECTRO-STATIC PRECIPITATOR  
THERMAL PRECIPITATOR



RADAC COMPUTER  
POWER SUPPLY  
RADAC RECORDER  
RADAC INDICATOR  
POWER UNIT  
RECORDER

POWER SUPPLY  
SNAP SAMPLER  
ELECTRO-STATIC PRECIPITATOR  
THERMAL PRECIPITATOR

SECRET

# Blast and Pressure Instrumentation

STRAIN GAUGE  
MANOMETRIC CELL  
PRESSURE TRANSDUCER  
ACCELEROMETER



PRESSURE PICK-UP

STRAIN GAUGE

PRESSURE PICK-UP  
STRAIN GAUGE  
CONTROL BOX  
THERMISTOR  
MULTIPLIER  
ACCELEROMETER  
STRAIN GAUGE

ELEVATOR POSITION INDICATOR

WAVE RECORDER  
RECORDING AMPLIFIER  
POWER SUPPLY  
THERMISTOR  
MULTIPLIER  
PRESSURE PICK-UP

STRAIN GAUGE  
MANOMETRIC CELL  
PRESSURE TRANSDUCER  
ACCELEROMETER

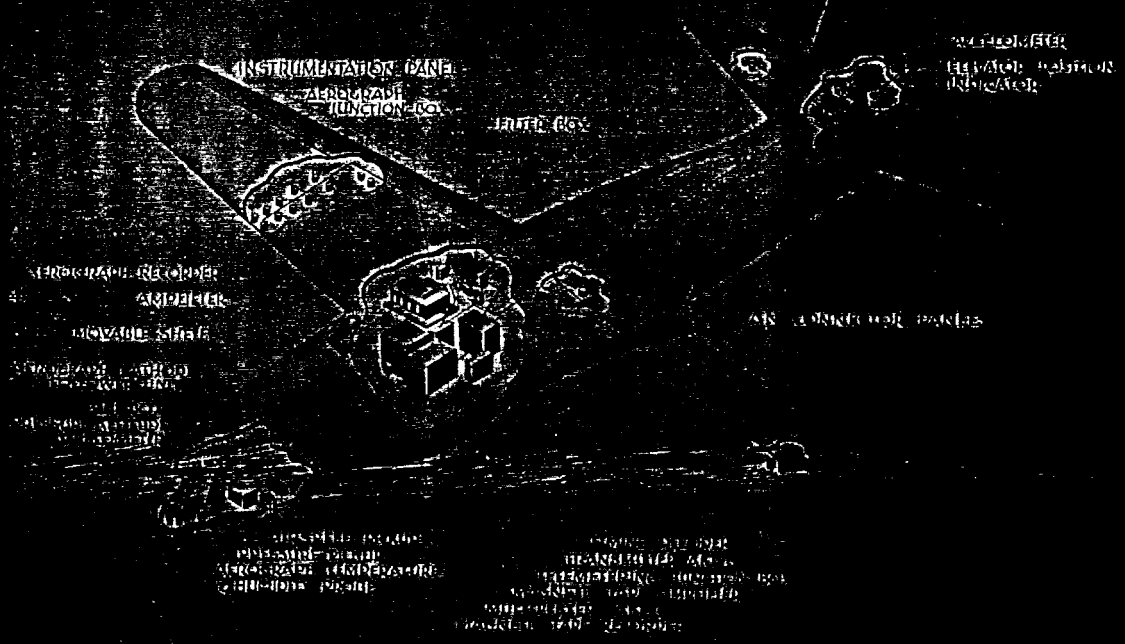
SECRET



SECRET

# T-33 Blast & Pressure Instrumentation

AC X-103 Project 34



SECRET

ARC	1	2-1	
...	...	3-2	
...	...	3-3	
...	...	5-4	

## Alternate Programs

Program Name	ARC	...	...	...
Original Plan	11	11	11	11
Recommended Solution	11	11	11	11
Elimination of Armed Services Experimental Programs	11	11	11	11
Minimum A.R.C. Program	11	11	11	11

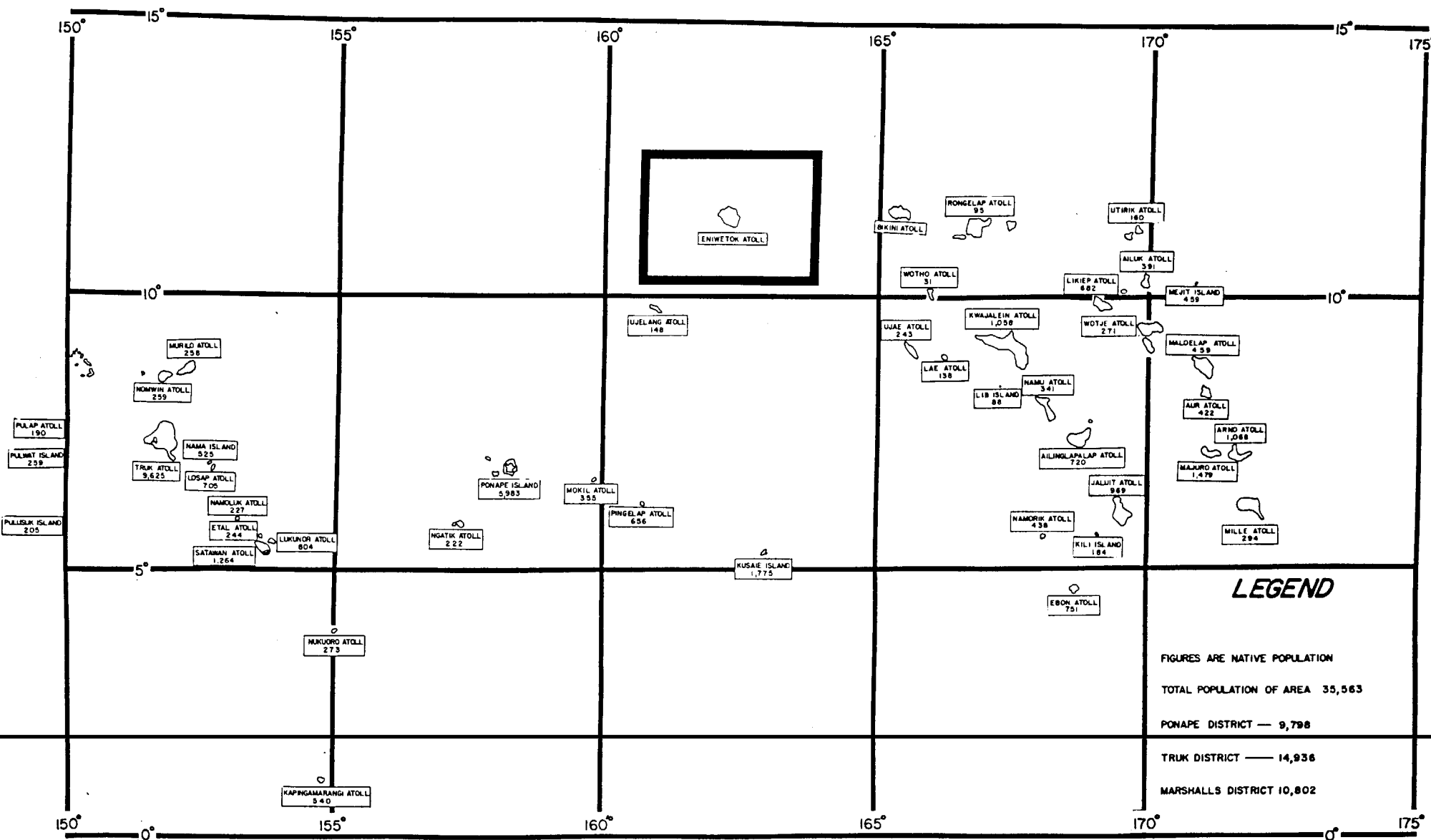


**SECTION IV**

**ILLUSTRATIONS**

~~RESTRICTED~~

# NATIVE POPULATION



## LEGEND

FIGURES ARE NATIVE POPULATION

TOTAL POPULATION OF AREA 35,563

POHNAPE DISTRICT — 9,798

TRUK DISTRICT — 14,936

MARSHALLS DISTRICT 10,802

DECLASSIFIED

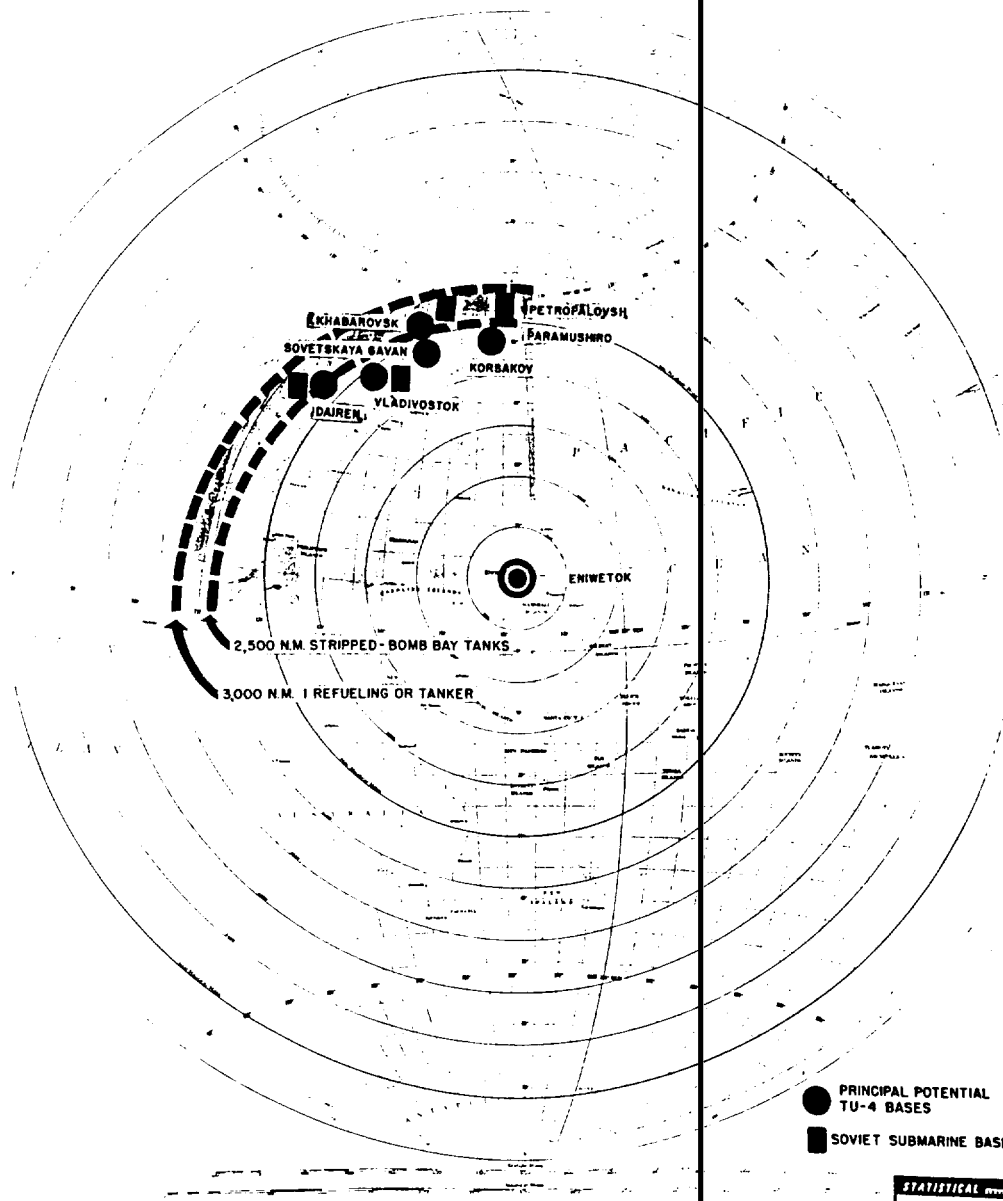
E.O. 10501, NOV. 6, 1953

NLE BY \_\_\_\_\_ DATE \_\_\_\_\_

~~RESTRICTED~~

STATISTICAL

# SOVIET RECONNAISSANCE CAPABILITY AGAINST ENIWETOK



SECRET

STATISTICAL (SECRET)  
SECURITY P. 2

# Water Shipment

## San Francisco To Eniwetok



Kauai  
Eniwetok



Lifted thru March '51 ~~132,535~~ 139,446 TONS  
139,446 ships

Estimated thru July '51 ~~204,400~~ 209,736 TONS  
156 ships  
162

# Airlift



Kauai  
Eniwetok

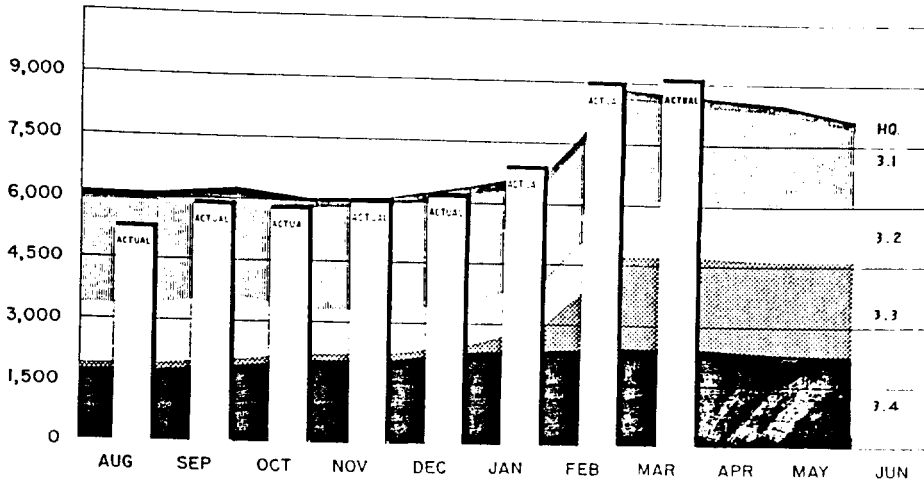


Lifted thru March '51 ~~1948~~ 25531 TONS

Estimated thru July '51 32488 TONS

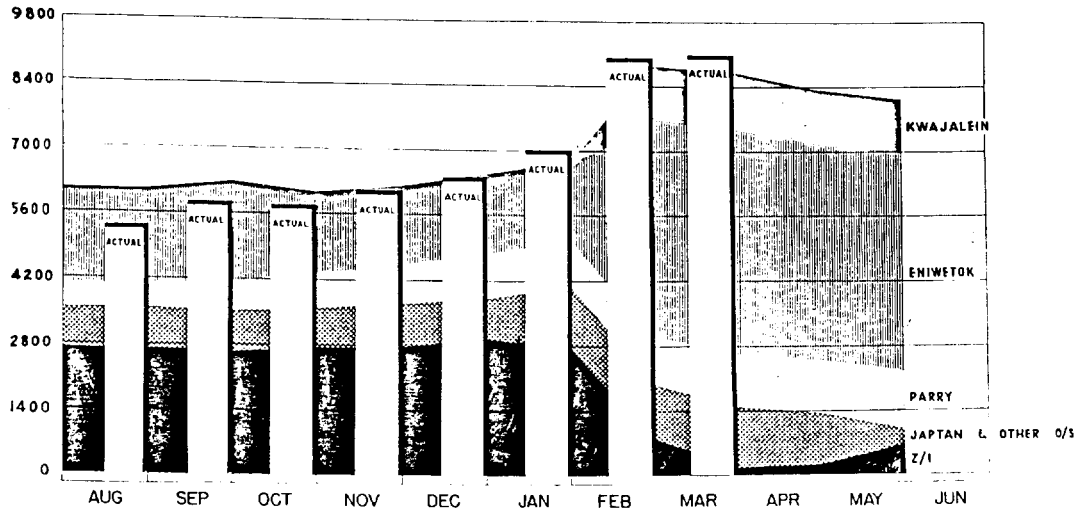
SECRET

# Projected Overall Strength



TOTAL JTF-3 PRO. ST.	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
TOTAL JTF-3 PRO. ST.	6184	6314	6065	6214	6502	6849	8868	8740	8542	8144	4650
HQ JTF-3	200	200	200	200	200	200	200	200	200	200	165
TG 3.1	2504	2431	2514	2600	2655	2498	2474	2346	2201	1821	1485
TG 3.2	1561	1632	1157	1156	1156	1156	1389	1389	1405	1421	850
TG 3.3	192	192	192	192	192	621	2373	2373	2373	2373	1878
TG 3.4	1727	1859	2002	2066	2299	2374	2432	2432	2363	2330	272
TOTAL JTF-3 ACTUAL ST.	5274	5830	5782	6106	6463	7018	9059	9104	8751	7163	
HQ JTF-3	173	178	177	186	184	191	172	185	190	190	
TG 3.1	1835	2314	2444	2530	2616	2890	2687	2533	2309	1785	
TG 3.2	1396	1438	1157	1227	1234	1261	1400	1399	1387	1420	
TG 3.3	143	119	146	172	176	285	2374	2585	2521	2408	
TG 3.4	1727	1781	1858	1991	2253	2391	2426	2402	2344	1360	

# Projected Strength by Location



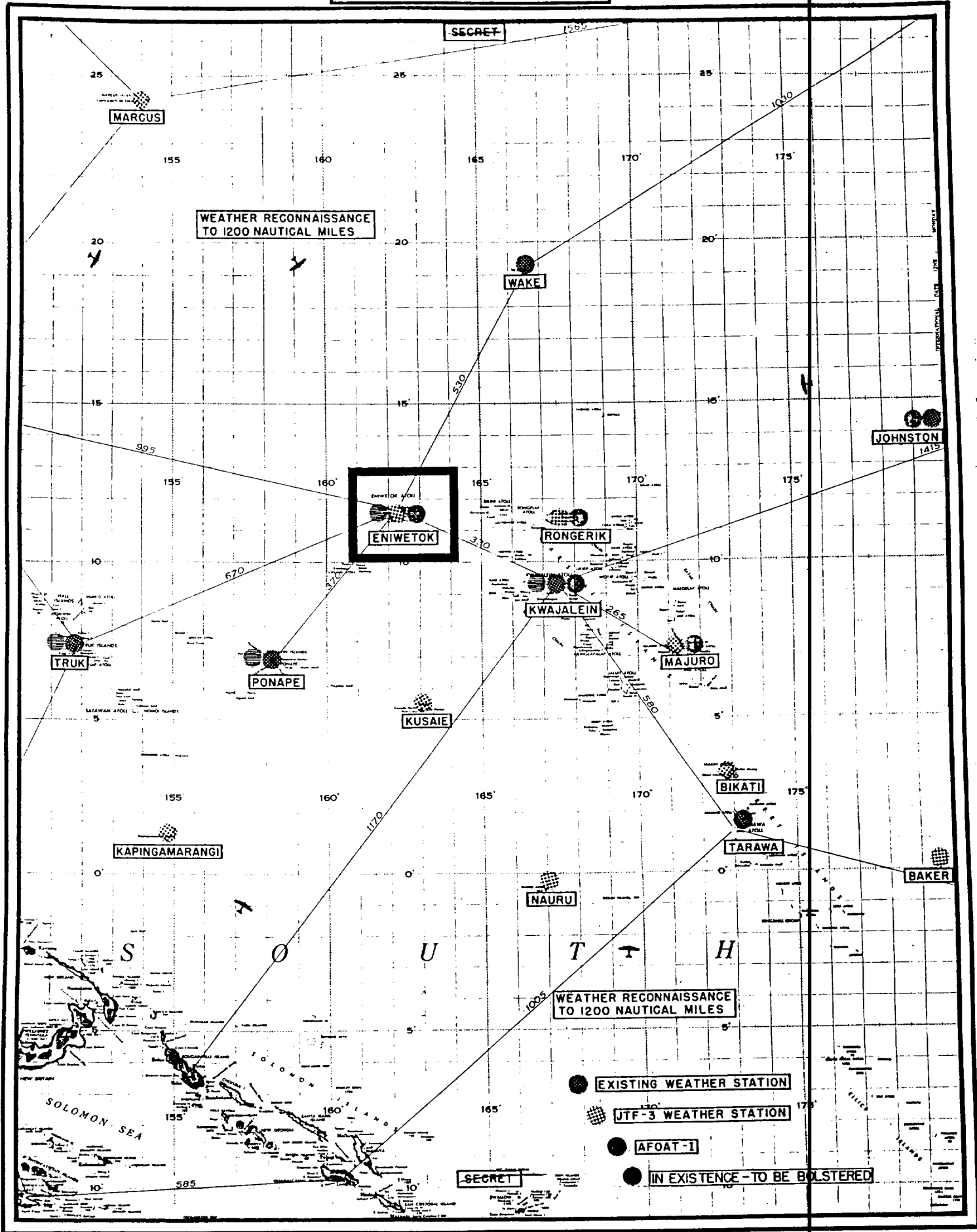
TOTAL PROJECTED STR.	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
TOTAL PROJECTED STR.	6184	6314	6065	6214	6502	6849	8868	8740	8542	8144	4650
KWAJALEIN	96	96	110	110	103	182	1179	1253	1201	1181	64
ENIWETOK	1988	2059	1602	1590	1603	1571	4674	4843	4835	4707	1507
PARRY	500	641	753	827	987	981	1033	1128	1148	1232	460
JAPTAN & OTHERS O/S	882	882	856	934	885	1383	1183	1329	1134	355	179
Z/I	2718	2636	2744	2753	2924	2732	799	187	224	669	2440
TOTAL ACTUAL STR.	5312	5830	5782	6106	6463	7018	9059	9104	8751	7163	
KWAJALEIN	100	100	115	110	113	139	1169	1135	1125	907	
ENIWETOK	1790	1850	1639	1680	1666	1808	4701	5065	5121	4019	
PARRY	640	752	740	761	890	962	1229	1279	1373	1322	
JAPTAN & OTHERS O/S	665	794	886	942	1048	1179	1250	1436	962	135	
Z/I	2117	2334	2402	2613	2746	2930	710	189	170	780	

- EMPLOYMENT OF ATG-3.4 AIRCRAFT BY PROJECT -

PROJECT NUMBER	AGENCY	PROJECT DIRECTOR	PROJECT NAME	NUMBER & TYPE AIRCRAFT INVOLVED	NO. OF FLIGHTS PER SHOT	OTHER PROGRAMS USING SAME A/C	CU CONTROLLING AIRCRAFT
1.4	EG B G	DR. H. GRIER	VISIBLE RAD. MEASUREMENTS	1 HELICOPTER	(AFTER SHOT TIME)	3.0	3.4.6
1.5.1	LASL	DR. W. OGLE DR. L. ROSEN	NEUTRON MEASUREMENT	1 HELICOPTER	(AFTER SHOT TIME)	3.0	3.4.6
1.7	LASL	DR. R. SPENCE	RADIO TECHNICAL DETERMINATION	8 QB-17 12 DB-17	1 1	10, 4.0, 5.0 4.0, 7.0	3.4.2
2.5.4	LASL	DR. R. CARTER	DISTRIBUTION OF FISSION PRODUCTS	3 AEC QB-17	1	10, 4.0, 5.0, 4.0, 7.0	3.4.2
2.5.5.1	ORNL	DR. A. CONGER	BIOLOGICAL DOSIMETRY (TRADESCANTIA)	8 AEC QB-17 12 AEC DB-17	1 1	10, 4.0, 5.0 4.0, 7.0	3.4.2
2.5.5.4	LASL GAMMA RAYS	DR. R. CARTER	BIOLOGICAL DOSIMETRY (MICE)	3 AEC QB-17	1	10, 4.0, 5.0, 4.0, 7.0	3.4.2
3.0 PROGRAM	LASL-AMC-BUYD DCE-SANDIA	LCDR. W. ROWEN	STRUCTURES	1 HELICOPTER	(AFTER SHOT TIME ONLY)	1.0	3.4.6
4.1	AFRL	MR. C. ANDERSON MR. A. MIRARCHI	CLOUD PHYSICS	2 B-50D 8 AEC QB-17 12 AEC DB-17 2 EQT-33 3 EQT-33	1 1 1 1 1	10, 2.0, 3.0 4.0, 7.0, 8.0	3.4.2
4.6	AFRL	MR. CORONITI	ATMOSPHERIC CONDUCTIVITY	2 B-50A 1 L-13	1 1	7.0	3.4.2 3.4.6
5.1	DSCO	MR. C. T. CLAYTON	RADIOLOGICAL DETECTION SERVICE TEST	8 AEC QB-17 12 AEC DB-17	1 1	10, 2.0, 4.0 4.0, 7.0	3.4.2
5.2	USN BUAER	LCDR. J. A. TERRY	AIRBORNE RADIOLOGICAL EQUIPMENT	1 P2-V-2 1 B-17	1 FLIGHT PER DAY FROM 5 DAYS ON 4 DAYS EACH SHOT 1 FLIGHT PER DAY FROM 3 DAYS ON 4 DAYS EACH SHOT		3.4.2
6.1	ACC	MR. J. P. MITCHELL	CLOUD PARTICLE SIZE AND DISTRIBUTION	8 AEC QB-17 12 AEC DB-17	1 1	10, 7.0, 4.0 5.0, 7.0	3.4.2
6.5	NRDL	DR. P. C. TOMPKINS	SURVEY METER INTERPRETATION	8 AEC QB-17 12 AEC DB-17	1 1	11, 2.0, 4.0 4.0, 7.0	3.4.2
6.6	ACC	MR. E. ENGQUIST	FILTER MATERIAL EVALUATION	8 AEC QB-17 12 AEC DB-17	1 1	10, 2.0, 4.0 5.0, 7.0	3.4.2
6.7	NRDL	DR. L. B. WERNER	ALOFT CONTAMINATION & DECONTAMINATION STUDIES	8 AEC QB-17 12 AEC DB-17	1 1	10, 2.0, 4.0 5.0, 7.0	3.4.2
6.8	NRDL	DR. P. C. TOMPKINS	CLOUD RADIATION FIELD	8 AEC QB-17 12 AEC DB-17	1 1	11, 2.0, 4.0 5.0, 7.0	3.4.2
7.4	AFOAT-1	DR. W. D. URRY	COLLECTION OF BOMB DEBRIS BY AIRBORNE FILTERS	2 B-50A 5 WB-29	1 1 1 1 1	4.0	3.4.2 3.4.4
7.8	AFOAT-1	DR. W. D. URRY	DETECTION OF BOMB DEBRIS BY ATMOSPHERIC CONDUCTIVITY	2 B-50A 5 WB-29 2 B-50D	1 1 1 1 1	4.0, 8.0	3.4.2 3.4.4
8.1	AMC	MR. J. WAYNE	AIRBORNE AIRCRAFT	2 B-50D 2 QB-17 USAF 3 DB-17 USAF 2 EQT-33 1 EQT-33 1 B-47	1 1 1 1 1		3.4.2
8.3	AMC	MR. W. R. BOARIS	RADAR SCOPE PHOTOGRAPHY	2 B-50A 3 B-50D 1 XB-47	1 1 1	4.0, 7.0	3.4.2

# WEATHER STATIONS

SECRET



WEATHER RECONNAISSANCE TO 1200 NAUTICAL MILES

WEATHER RECONNAISSANCE TO 1200 NAUTICAL MILES

EXISTING WEATHER STATION

JTF-3 WEATHER STATION

AFOAT-1

IN EXISTENCE - TO BE BOLSTERED

SECRET

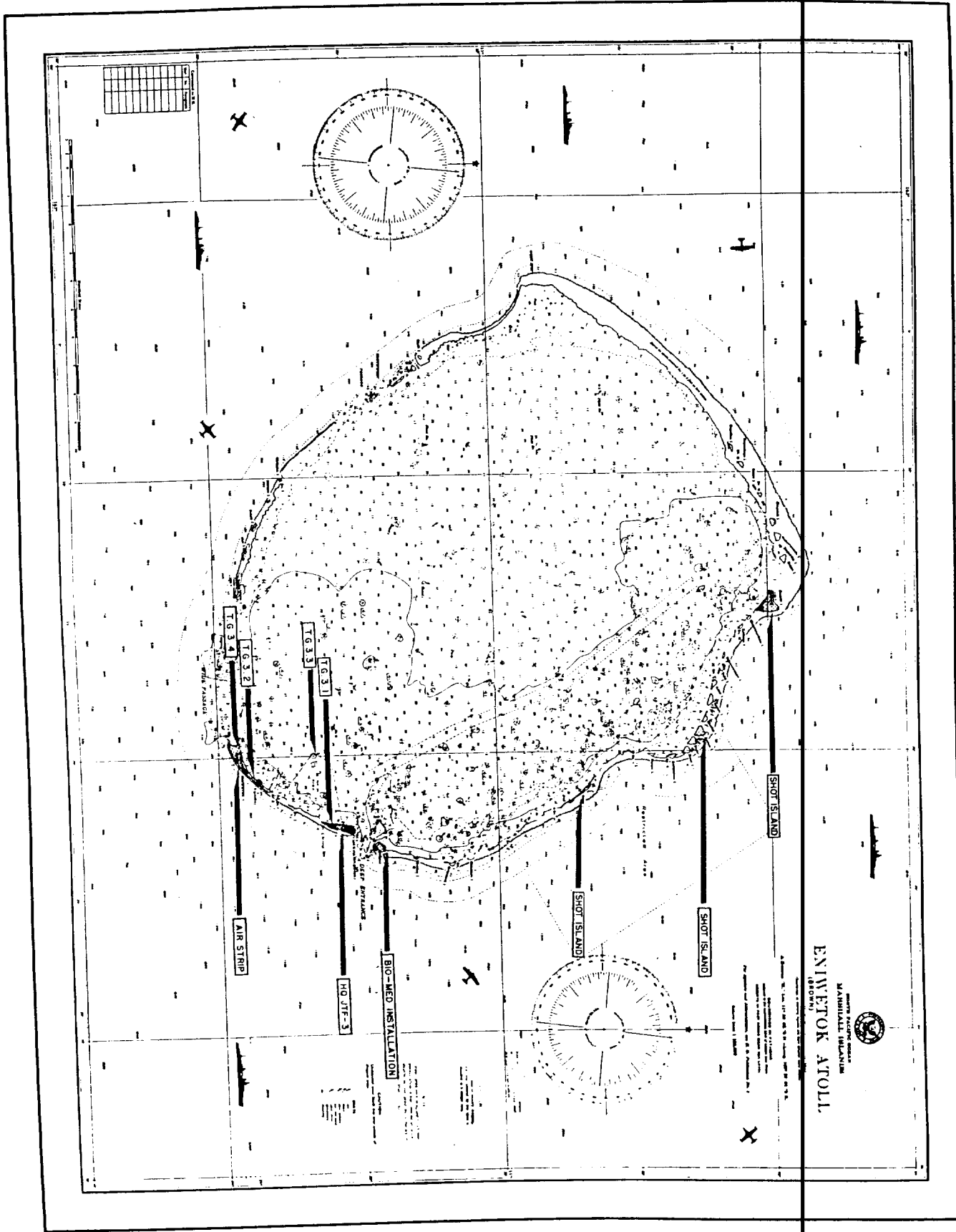
STATISTICS  
1953

# EXPERIMENTAL PROGRAMS OPERATION GREENHOUSE

PROGRAM NO.	DESCRIPTION	SPONSOR	ACT. COST THRU 31 March
1.0	<u>LOS ALAMOS TESTS</u> WEAPONS PERFORMANCE & INVESTIGATION OF PHENOMENOLOGY	AEC	\$ 37,669,368
2.0	<u>BIO - MEDICAL</u> STUDY OF RADIATION IN BIOMEDIC EFFECTS USING ANIMALS	AEC & DOD	\$ 1,919,996
3.0	<u>STRUCTURES</u> DESIGN CRITERIA & VULNERABILITY OF STRUCTURES IN DEFENSE & OFFENSE	ARMY, NAVY & AF	\$ 4,682,625
4.0	<u>CLOUD PHYSICS</u> CHARACTERISTICS & BEHAVIOR OF ATOMIC CLOUDS	AF	\$ 882,885
5.0	<u>RADIAC EVALUATION</u> EVALUATE RADIATION DETECTION EQUIPMENT	AF & NAVY	\$ 392,206
6.0	<u>PHYSICAL TESTS &amp; MEASUREMENTS</u> CLOUD PARTICLE DISTRIBUTION & SAMPLES THERMAL & CONTAMINATION EFFECTS	ARMY & NAVY	\$ 631,621
7.0	<u>LONG-RANGE DETECTION</u> DETECTION & ANALYSES OF FOREIGN EXPLOSIONS	USAF	\$ 427,036
8.0	<u>EFFECTS ON AIRCRAFT</u> PRESSURE EFFECTS ON AIRCRAFT & INVESTIGATION OF DESIGN CRITERIA	USAF	\$ 14,610,706



SITUATION MAP



SECRET

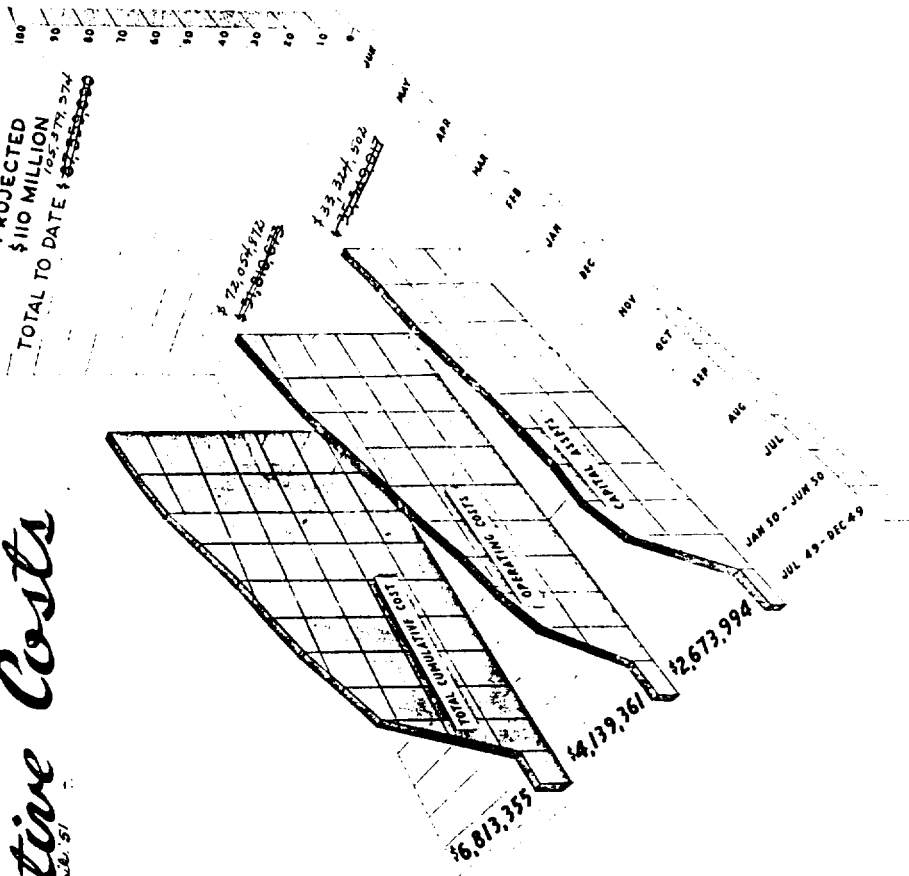
**SECTION III**

**OPERATIONS**

# Cumulative Costs

2nd April 51

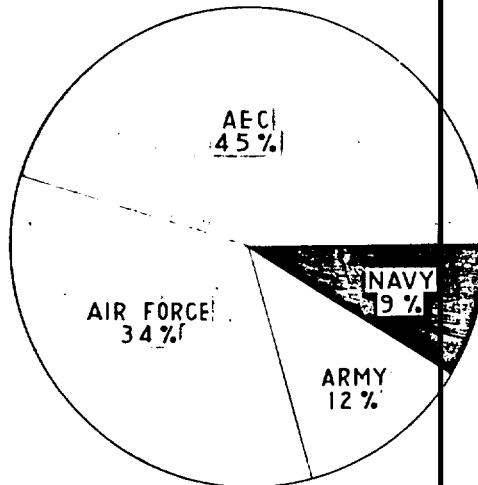
PROJECTED  
\$110 MILLION  
TOTAL TO DATE \$68,813,355



STATISTICAL

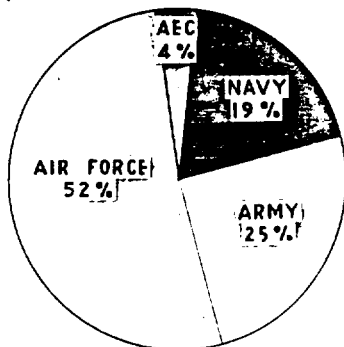
ESTIMATED AND ACTUAL COST

TOTAL ESTIMATE



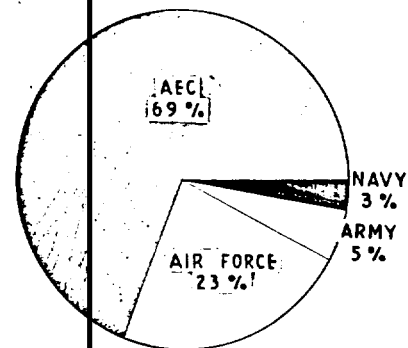
TOTAL \$ 110 M

SUPPORT



TOTAL \$ 39.6 M

DIRECT



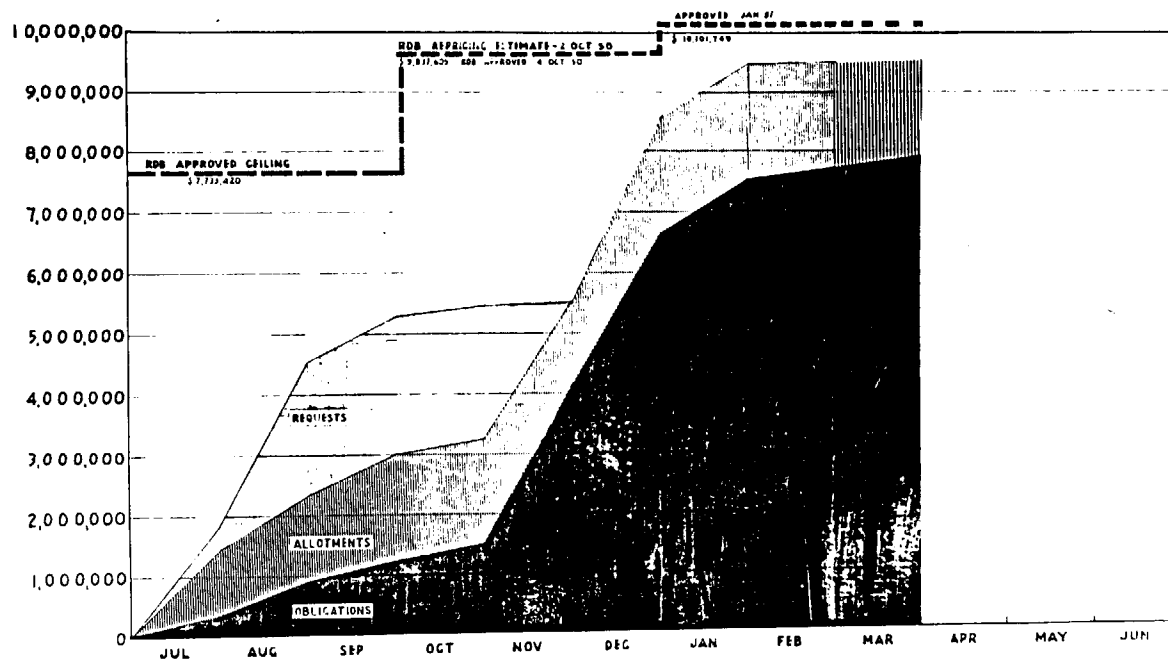
TOTAL \$ 70.4 M

CUMULATIVE REPORTED COSTS THRU 28 FEB 51 30 APR 51

ARMY	\$ 11,239,832	\$ 11,854,980
NAVY	7,542,161	10,329,641
AIR FORCE	31,402,982	40,813,364
AEC	37,174,715	42,377,387
TOTAL	87,359,690	105,379,372

SECRET

# Overall Status of Funds FY 1951



REQUESTS	1,820,014	4,545,399	5,317,357	5,489,787	5,524,245	8,596,436	9,492,076	9,509,246	9,550,296	9,575,296	9,578,882
ALLOTMENTS	1,403,114	2,280,785	3,099,503	3,296,933	5,524,245	8,596,436	9,492,076	9,509,246	9,550,296	9,575,296	9,578,882
OBLIGATIONS	297,310	915,686	1,259,973	1,569,133	4,126,614	6,630,746	7,531,381	7,735,515	7,904,807	8,258,235	8,720,289

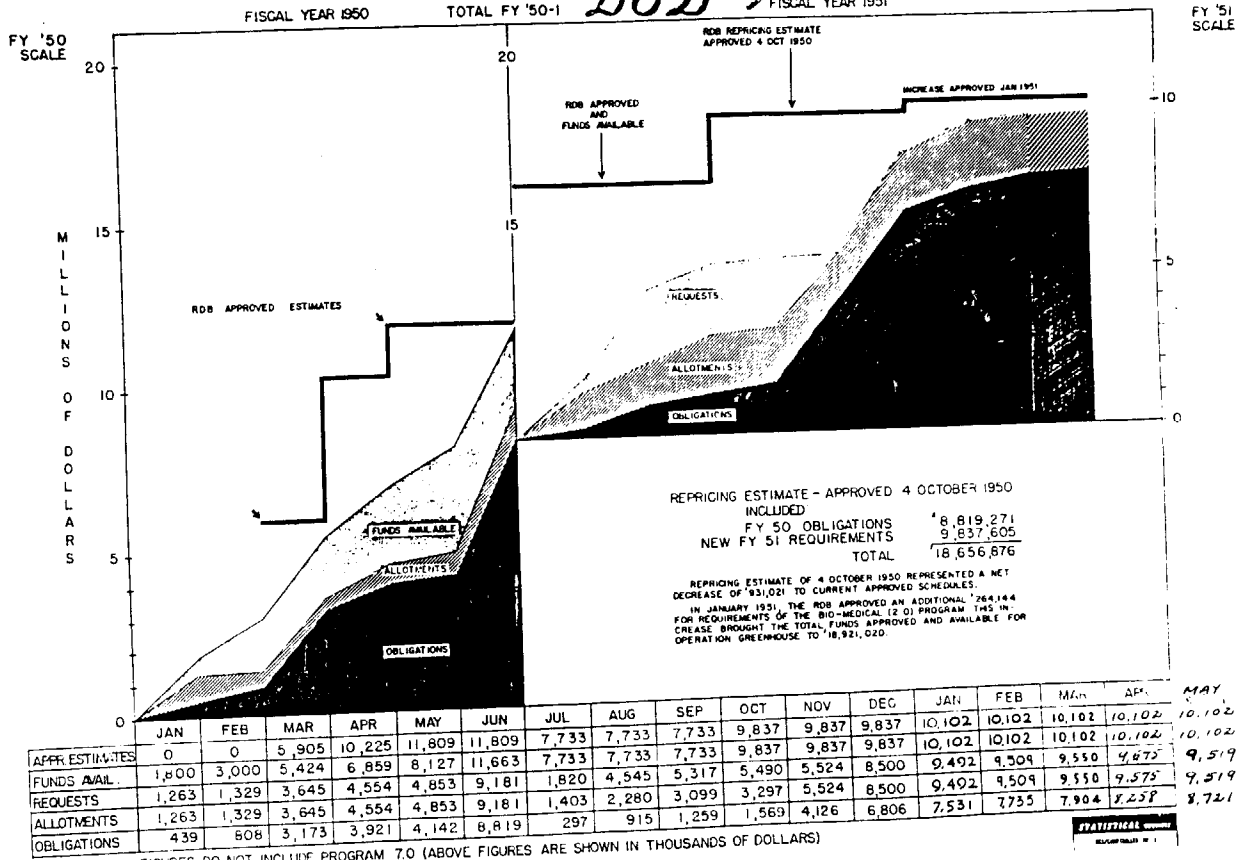
NOTE: ALL FIGURES SHOWN ARE CUMULATIVE.  
DOES NOT INCLUDE PROGRAM 7.

SECRET

STATISTICAL

# Greenhouse Funds Program FY's 50-51

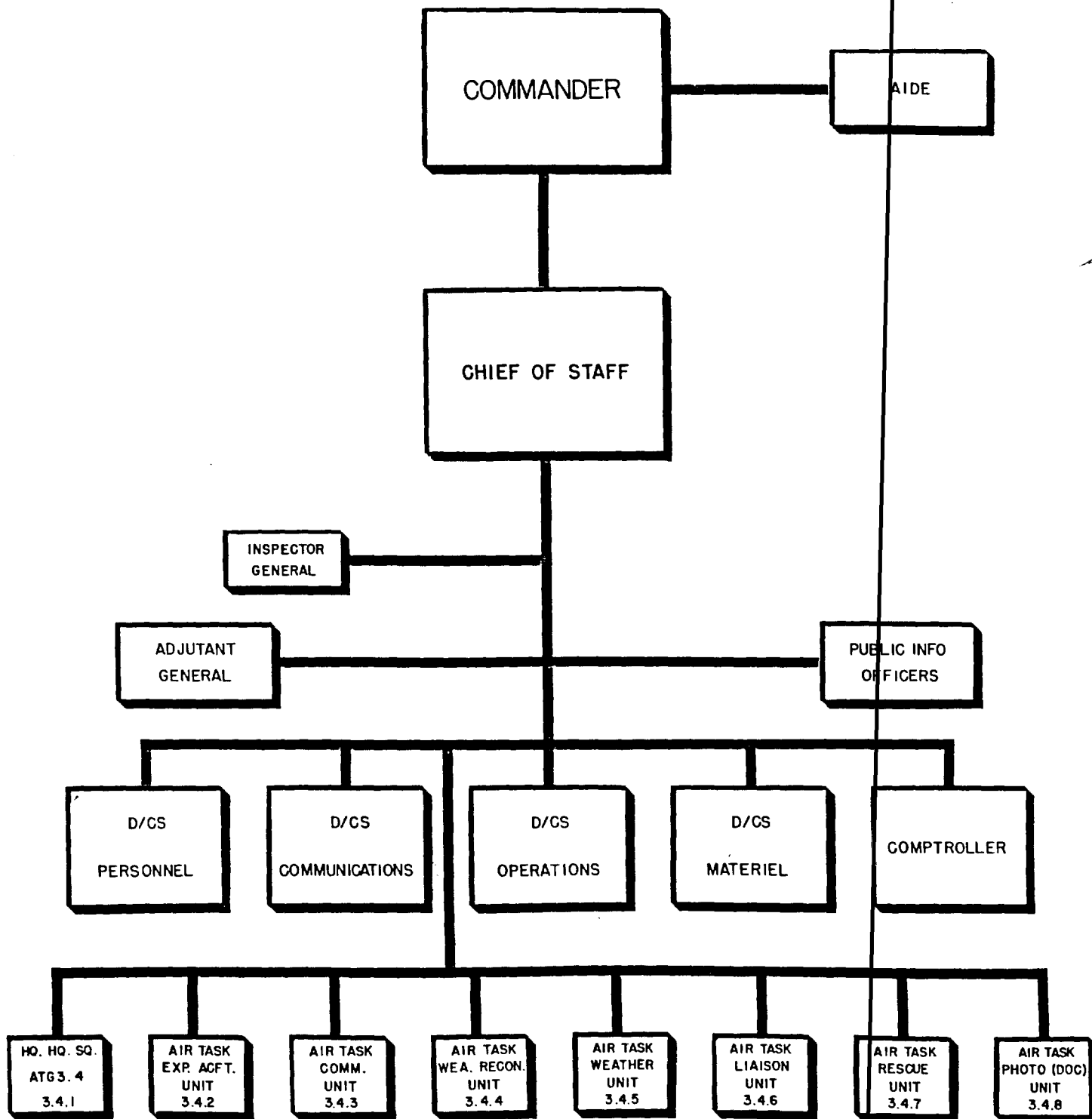
## DOD FISCAL YEAR 1951



FIGURES DO NOT INCLUDE PROGRAM 7.0 (ABOVE FIGURES ARE SHOWN IN THOUSANDS OF DOLLARS)

**SECTION II**  
**COMPTROLLER**

# ORGANIZATIONAL CHART HEADQUARTERS AIR TASK GROUP 3.4 PROVISIONAL



DECLASSIFIED

E.O. 10501, NOV. 6, 1953

NLE BY \_\_\_\_\_ DATE \_\_\_\_\_

DECLASSIFIED

E.O. 10501, NOV. 6, 1953

DATE \_\_\_\_\_

STATISTICAL UNIT



MISSION  
TASK GROUP 3.4  
(PROPOSED)

PROVIDE AIRCRAFT AND PERFORM MISSIONS AS REQUIRED BY THE ATOMIC ENERGY COMMISSION AND DEPARTMENT OF DEFENSE EXPERIMENTAL PROGRAMS.

PROVIDE GROUND AND AIR WEATHER OBSERVATION AND FORECASTING NECESSARY FOR ACCOMPLISHMENT OF WEAPONS TESTS AND EXPERIMENTAL PROGRAMS.

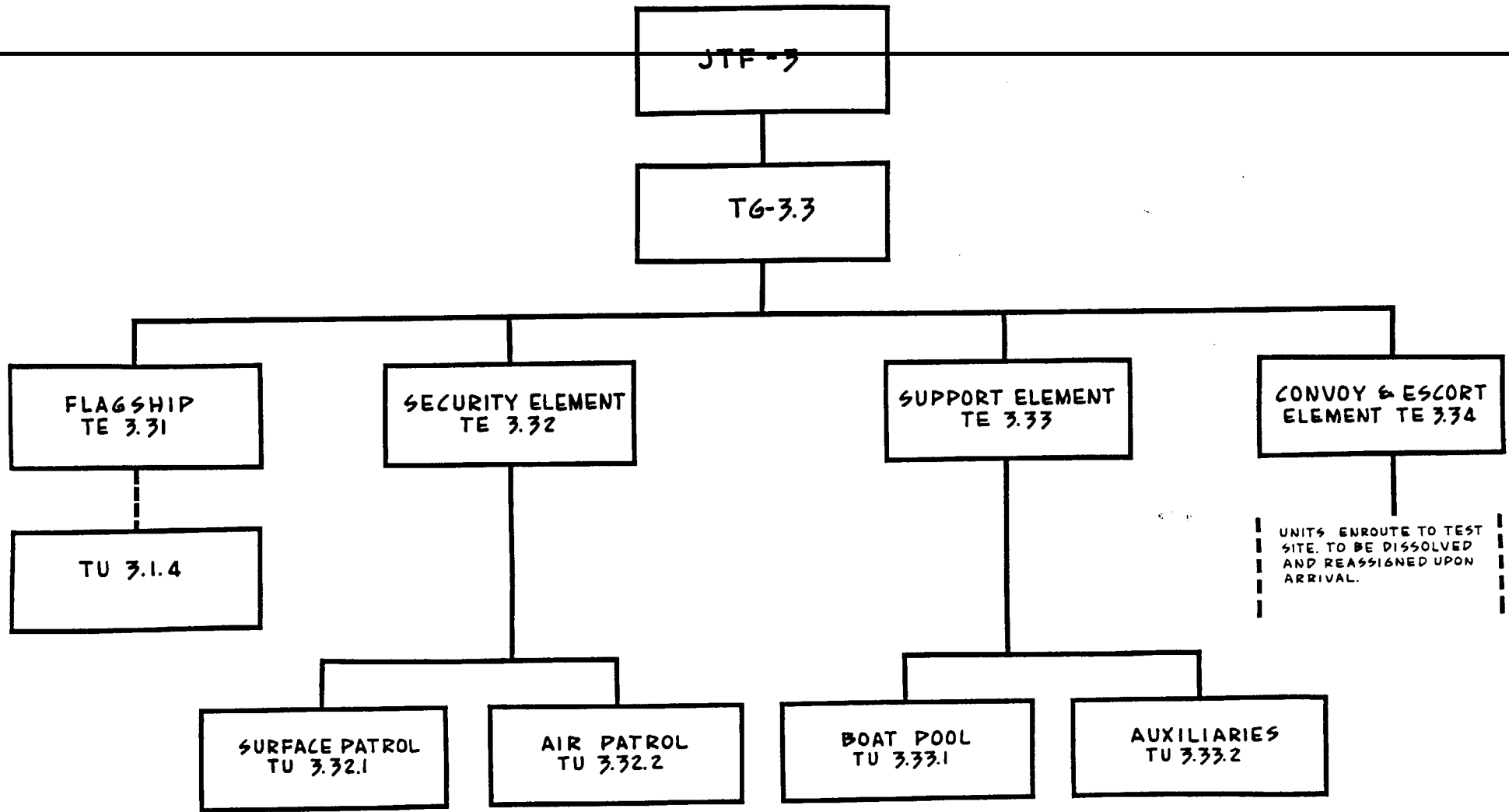
PROVIDE AIRWAYS AND AIR COMMUNICATION AND SEARCH AND RESCUE SERVICE.

PROVIDE AN AIR PLOT SYSTEM TO AFFORD A CONTINUAL DISPLAY OF THE LOCAL AIR SITUATION PRIOR TO, DURING AND FOLLOWING EACH SHOT.

PROVIDE AN AIRBASE UNIT TO INCLUDE ORGANIZATIONAL AND FIELD MAINTENANCE AND SUPPLY FUNCTIONS, BASE OPERATIONS, CRASH FACILITIES AND TRANSIENT AIRCRAFT SERVICES.

PROVIDE INTRA-ATOLL AIR TRANSPORTATION.

ORGANIZATION  
TASK GROUP 3.3



DECLASSIFIED  
E.O. 10501, NOV. 6, 1953  
NLE BY \_\_\_\_\_ DATE \_\_\_\_\_

STATISTICAL REPORT  
FORM 8-1

# MISSION TASK GROUP 3.3

CONDUCT AERIAL AND SURFACE OPERATIONS FOR SECURITY PURPOSES WITHIN THE ENIWETOK DANGER AREA AS DIRECTED.

PROVIDE SUITABLE WATER TRANSPORTATION AND SHIPBOARD WEAPON ASSEMBLY FACILITIES FOR EXPERIMENTAL WEAPONS TO MEET THE REQUIREMENTS OF CTG 3.1.

PROVIDE AN AUXILIARY COMMAND POST FLOAT FOR THE TASK FORCE COMMANDER INCLUDING STANDBY FACILITIES FOR COMMUNICATIONS AND AIR CONTROL.

PROVIDE ADMINISTRATIVE AND LOGISTIC SUPPORT NECESSARY TO MAKE CTG 3.3 SELF-SUFFICIENT.

CONTROL HARBOR FACILITIES AT ENIWETOK ATOLL IN COORDINATION WITH TG 3.2.

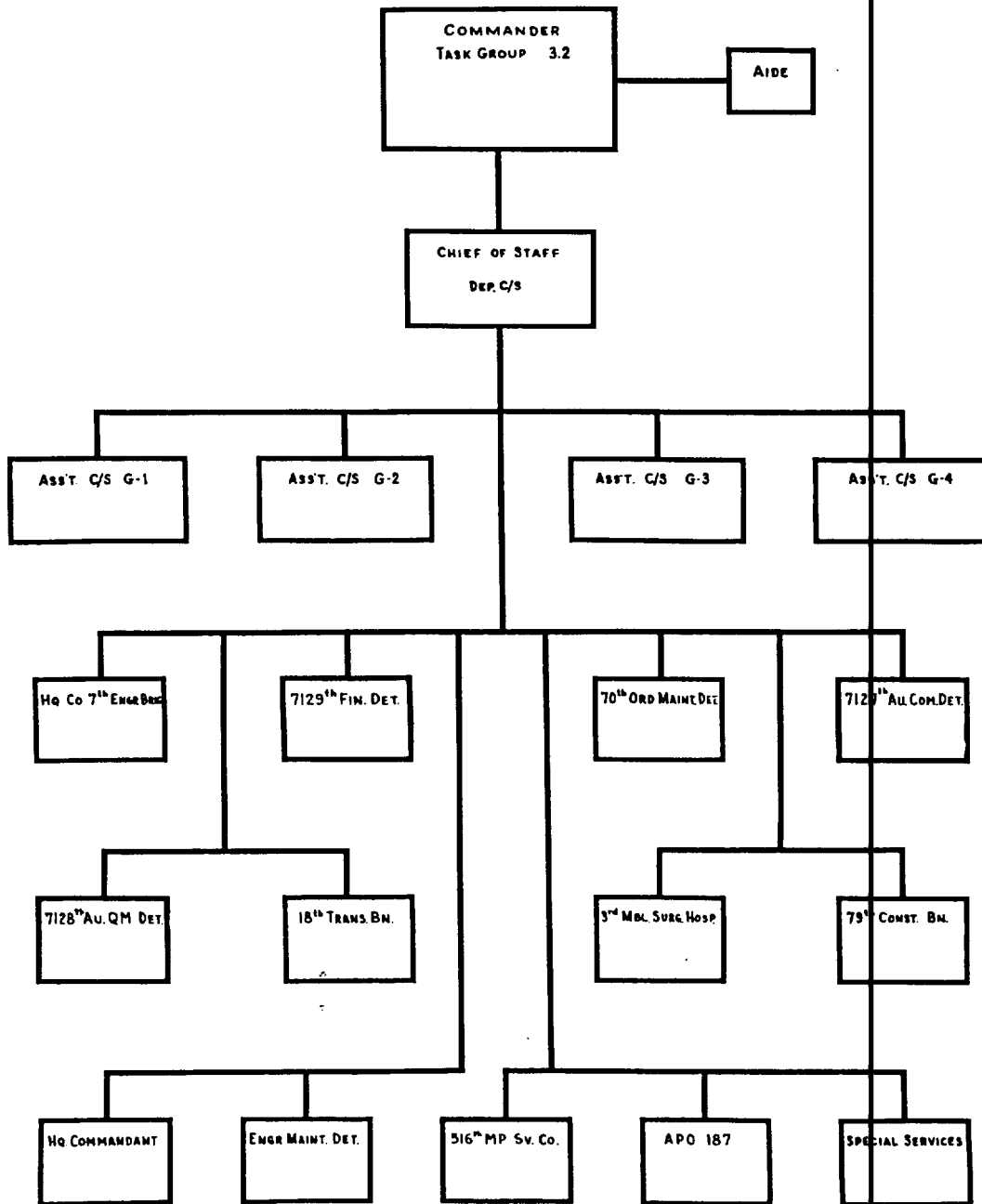
BE PREPARED TO AUGMENT FACILITIES FOR INTRA-ATOLL WATER TRANSPORTATION AND TO ASSIST IN CARGO HANDLING OPERATIONS AT ENIWETOK ATOLL.

ASSIST TG 3.4 IN THE MAINTENANCE OF NAVAL AIRCRAFT PARTICIPATING IN PROJECT 5.2.

STATISTICAL REPORT  
SECURITY INFORMATION

SECRET.

# TASK GROUP 3.2 (1 OCT 1950)



DECLASSIFIED

E.O. 10501, NOV. 6, 1953

FILE BY \_\_\_\_\_ DATE \_\_\_\_\_

# MISSION

## TASK GROUP 3.2

CONTINUE TO CONSTRUCT AND OPERATE FACILITIES ON ENIWETOK ISLAND, AS DIRECTED BY CJTF-3 AND RENDER NECESSARY ASSISTANCE TO TG 3.1 WITH THE MEANS AVAILABLE.

CONTINUE TO DISCHARGE CURRENT RESPONSIBILITIES OF ATCOM-ENIWETOK AS DIRECTED BY CINCPAC.

### OPERATIONAL PHASE:

OPERATE AND MAINTAIN ALL FACILITIES ON ENIWETOK ISLAND EXCLUSIVE OF FACILITIES DIRECTLY RELATED TO THE OPERATION OF AIRCRAFT (TO BE OPERATED BY TG 3.4) AND CERTAIN LABORATORY AND SPECIFIED UTILITIES (TO BE OPERATED BY 3.1).

OPERATE PORT FACILITIES AT THE ENIWETOK ATOLL IN COORDINATION WITH TG 3.3.

INSURE THE PHYSICAL SECURITY OF THE ISLANDS OF THE ENIWETOK ATOLL TO INCLUDE THE SECURITY OF EXCLUSION AREAS. ESTABLISH AND OPERATE A SUITABLE TRAFFIC CONTROL POINT AT KWAJALEIN IN THE EXECUTION OF THE SECURITY MISSION IN COORDINATION WITH REQUIREMENTS ESTABLISHED BY CTG 3.1.

PROVIDE LOGISTICAL SUPPORT AND ASSISTANCE AS REQUIRED TO UNITED STATES COAST GUARD "LORAN" DETACHMENT.

CHIEF OF STAFF  
S.W. Burriss

D-1 PERSONNEL ADMINISTRATION  
Dr. K. Stephenson  
L. Col. D. Williams  
A. W. Kelly  
L. Burns  
Capt. A.S. Knauf

D-2 INTELLIGENCE & SECURITY  
W.R. Adair  
J.F. Brantley  
D.M. Butler

D-3 PLANS & OPERATIONS  
Dr. J.C. Clark  
D. Curry  
Maj. J.R. Boswell

D-4 SUPPLY & LOGISTICS  
H.S. Allen  
Maj. H. Freshwater  
Maj. J.C. Woodburn

D-5 SCIENTIFIC ADVISORY GROUP  
Dr. B.R. Suydam  
Capt. P.G. Galentine

TU 3.1.1 PROGRAM I.O. LOS ALAMOS EXPERIMENTS  
Dr. F. Reines  
LASL

TU 3.1.2 PROGRAM 2.0 BIO-MEDICAL  
Dr. G. LeRoy  
Hines VA Hosp.  
Dr. W. Langham  
LASL

TU 3.1.3 PROGRAMS 3.0 - 8.0  
Col. R.E. Jarmon  
LASL

TU 3.1.4 WEAPONS ASSEMBLY  
R.W. Henderson,  
Sandia

TU 3.1.5 RAD-SAFE  
Br. Gen. J.P. Cooney  
DMA  
Dr. T.N. White  
LASL

TU 3.1.6 PHOTOGRAPHY  
L.M. Gardner,  
LASL

TU 3.1.7 BASE FACILITIES  
P.W. Spain,  
LASL

J-7 ADVISORY GROUP  
B. Briener  
Dr. D. Hall  
Dr. W. Ogile  
Dr. L. Seely  
Dr. B. Watt  
E. Zedeno

21 JAPAN ISLAND DEVELOPMENT  
Dr. J.C. Clark,  
LASL

PROGRAM 3 STRUCTURES  
Sherwood Smith  
OCE  
L. Cdr. W. Rowen  
LASL

PROGRAM 4 CLOUD PHYSICS  
Dr. P.H. Wyckoff,  
AFCL

PROGRAM 5 RADIOLOGICAL INSTRUMENT EVALUATION  
L. Cdr. V. Delano  
LASL

PROGRAM 6 PHYSICAL TESTS & MEASUREMENT  
L. Cdr. V. Delano  
LASL

PROGRAM 7 LONG RANGE DETECTION  
Dr. D. Rock  
AFOAT-I

PROGRAM 8 EFFECTS ON AIRCRAFT  
Col. R.E. Jarmon,  
LASL

11 PROMPT GAMMA RAY MEASUREMENTS  
Dr. W. Hall, NRL

22 ANIMAL PRODUCTION  
Maj. R. Veestra,  
VC, USA

311 MULTI-STORY  
Maj. B. Jones,  
OCE

41 ATOMIC CLOUD DOCCUM. PROJECT  
C. Anderson,  
AFCL

51 RADIOL. DETECT. DEVICE SER. TEST  
C. Clayton  
GCSC

61 CLOUD PARTICLE SIZE & DISTRIBUTN  
J. Mitchell,  
ACC

81 AIRBORNE AIRCRAFT  
J. Wayne,  
AMC

12 DELAYED GAMMA RAY MEASUREMENTS  
Dr. L. Taylor, NBS

23 EXPOSURE EQUIPMENT  
Capt. R. Dreger,  
NMRI

313 REINFORCED CONCR. SHELTERS  
Maj. B. Jones,  
OCE

42 WIND PHENOMENA  
R. Rodas,  
AMC

52 AIRBORNE RAD EQUIPMENT  
Cdr. L. Siss,  
Bu. Aer.

62 THERM EFFECT ON MATERIALS  
Dr. P. Tompkins,  
NRDL

82 AIRCRAFT PANEL STATIC TESTS  
D. Grimes,  
AMC

13 THERMAL RAD. MEASUREMENTS  
Dr. W. HALL, NRL

241 ACUTE RAD. MICE  
Lt. Cdr. E. Cronkite,  
NMRI

321 BOMBPROOF ROOF  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

45 TROPICAL METEOROLOGY  
C. Palmer,  
UCLA

63 VEHICLE EXPOSURE  
Dr. L. DeLassus,  
APG

83 Radar Scope Photography  
F.L. Holloway,  
AMC

14 VISIBLE RAD. MEASUREMENTS  
Dr. H. Grier, E.G.G.  
Dr. W. Hall, NRL

2412 HISTOLOGY, DOGS  
Col. E. DeCoursey,  
AMC

322 CONCR WITH PANEL VENEER  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

46 ATMOSPHERIC CONDUCTIVITY  
S. Corbitt,  
AFCL

64 FALL-OUT DISTRIBUTION  
Dr. P. Tompkins,  
NRDL

15.1 NEUT. SPECTR. & AIR ATTENUATN  
Dr. W. Ogile, LASL  
Dr. L. Rosen, LASL

2414 LDx. SWINE  
Cdr. J. Tullis,  
NMRI

323 MATCH-BOX  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

65 SURVEY METER INTERPRETATION  
Dr. P. Tompkins,  
NRDL

15.2 HIGH-ENERGY SPECTRUM  
Dr. W. Hall, NRL

2415 LDx. DOGS  
Col. E. DeCoursey,  
AMC

324 PRE-CAST MAGAZINE  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

66 FILTER MAT'L EVALUATION  
E. Engquist,  
ACC

15.3 ENERGY ALPHA  
Dr. E. Krouse, NRL  
Dr. D. Hall, LASL

242 THERMAL BURST STUDY  
Dr. H. Pearce,  
U of Rochester

325 CONCRETE  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

67 ALOFT CONTAM. & DECONT. STUDIES  
Dr. P. Tompkins,  
NRDL

16 BLAST MEASUREMENT  
Dr. G. Hartmann,  
NOBL  
Dr. H. Grier, E.G.G.  
L. Col. A. Frolich  
AFSWP  
Maj. F. Porell  
LASL

243 HEMATOLOGY  
Lt. Cdr. E. Cronkite,  
NMRI

326 PRE-CAST CONCRETE DOOR  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

68 CLOUD RAD'N FIELD  
Dr. P. Tompkins,  
NRDL

17 RADIOCHEMICAL DETERMINATIONS  
Dr. R. Spence, LASL

244 PHANTOM DOSIMETRY  
Lt. Cdr. F. Chambers,  
NMRI

327 CONCRETE, TYPE H  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

69 PROTECTIVE CLOTHING  
L. Col. F. Sreedman,  
O QMG

18 X-RAYS

2511 SURVIVAL STUDY, MICE

333 INDUSTRIAL, w. LONG SPAN  
Maj. B. Peitz,  
AMC

610 PROT. EQUIPM., COLLECTIVE, EVAL.  
B. Kerpel,  
ACC

TASK GROUP 3.1  
JOINT TASK FORCE 3

MEASUREMENTS  
Dr. H. Grier, E.G.G.  
Dr. W. Hall, NRL

DOGS  
Col. E. DeCoursey,  
AMC

L. Cdr. S. Rockefeller,  
Bu. Y. D.

S. Coroniti,  
AFCL

Dr. P. Tompkins,  
NRDL

1.51 NEUT. SPECTR.  
IN AIR ATTENUAT'N  
Dr. W. Ogil, LASL  
Dr. L. Rosen, LASL

2414 LDY,  
SWINE  
Cdr. J. Tullis,  
NMRI

3.23 MATCH-BOX  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

6.5 SURVEY METER  
INTERPRETATION  
Dr. P. Tompkins,  
NRDL

1.52 HIGH-ENERGY  
SPECTRUM  
Dr. W. Ogil, NRL

2415 LDY,  
DOGS  
Col. E. DeCoursey,  
AMC

3.24 PRE-CAST  
MAGAZINE  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

6.6 FILTER MAT'L  
EVALUATION  
E. Engquist,  
ACC

1.53 ENERGY-ALPHA  
Dr. E. Krause, NRL  
Dr. D. Hall, LASL

242 THERMAL  
BURN STUDY  
Dr. H. Peacock,  
U. of Rochester

3.25 CONCRETE  
ARCH  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

6.7 ALOFT CONTAM  
& DECONT STUDIES  
Dr. P. Tompkins,  
NRDL

1.6 BLAST  
MEASUREMENT  
Dr. G. Hartmann,  
NOBL  
Dr. H. Grier, E.G.G.  
L. Col. A. Friedrich  
AFSWP  
Maj. F. Porzel,  
LASL

243 HEMATOLOGY  
Lt. Cdr. E. Cronkite,  
NMRI

3.26 PRE-CAST  
CONCRETE DOME  
L. Cdr. S. Rockefeller,  
Bu. Y. D.

6.8 CLOUD RAD'N  
FIELD  
Dr. P. Tompkins,  
NRDL

1.7 RADIOCHEMICAL  
DETERMINATIONS  
Dr. R. Spence, LASL

2511 SURVIVAL  
STUDY, MICE

3.3 INDUSTRIAL,  
LONG SPAN  
Maj. B. Pettit,  
AMC

6.9 PROTECTIVE  
CLOTHING  
L. Col. F. Steadman,  
OQMG

1.8 X-RAYS  
Dr. H. Brodner  
Dr. H. York  
UCRL

254 FISSION PROD.  
DISTRIBUTION  
Dr. R. Corcoran,  
LASL

3.34 INDUSTRIAL  
SHORT SPAN  
Maj. B. Pettit,  
AMC

6.10 PROT. EQUIPM.,  
COLLECTIVE, EVAL.  
B. Karpel,  
ACC

253 BIOL. DOSIM.,  
TRADESCANTIA  
Dr. A. Conger,  
ORNL

3.35 LOAD-  
BEARING WALL  
Maj. B. Pettit,  
AMC

2552 BIOL. DOSIM.  
ASPERGILLUS  
Dr. Stapleton,  
ORNL

3.3 B SCALE  
STRUCTURES  
Maj. B. Pettit,  
AMC

2553 BIOL. DOSIM.,  
CORN & MISC  
Dr. G. Beadle,  
Cal. Tech.

3.4 STRUCTURES  
INSTRUMENTAT'N  
M.E. Leonard,  
Sandia

2554 BIOL. DOSIM.,  
MICE, T  
Dr. R. Carter,  
LASL

2555 BIOL. DOSIM.,  
MICE, NEUTRONS  
Dr. R. Carter,  
LASL

256 GENETICS  
STUDIES  
Dr. G. Beadle,  
Cal. Tech.

257 BIOTIC  
STUDIES  
Dr. L. Donaldson,  
Univ. Washington

TASK GROUP 3.1  
JOINT TASK FORCE 3

KEY TO ABBREVIATIONS

A	Army Chemical Center	O	Office of Chief of Engineers
ACC	Army Chemical Center	OCE	Office of Chief of Engineers
AFCL	Air Force Cambridge Research Laboratory	OCSG	Office of Chief of Signal Corps
AFOAT	Air Force Office for Atomic Tests	OQMG	Office of Quartermaster General
AFSWP	Armed Forces Special Weapons Project	ORNL	Oak Ridge National Laboratory
AMC	Air Materiel Command	U	University of California, Los Angeles
APG	Aberdeen Proving Ground	UCLA	University of California, Radiation Laboratory
B	Bureau of Aeronautics	UCRL	University of California, Radiation Laboratory
Bu. Aer.	Bureau of Aeronautics	USA	United States Army
Bu. Y.D.	Bureau of Yards and Docks	USAF	United States Air Force
E	Edgerton, Germeshausen, and Grier, Inc.	USN	United States Navy
EGG	Edgerton, Germeshausen, and Grier, Inc.	USN	United States Navy
L	Los Alamos Scientific Laboratory	V	Veterinary Corps
LASL	Los Alamos Scientific Laboratory	VC	Veterinary Corps
N	National Bureau of Standards	D	Division of Military Applications
NBS	National Bureau of Standards	DMA	Division of Military Applications
NMRI	Naval Medical Research Institute		
NOBL	Naval Ordnance & Ballistics Research Laboratories		
NRL	Naval Research Laboratory		
NRDL	Naval Radiological Defense Laboratory		

SECRET

*[Handwritten signature]*

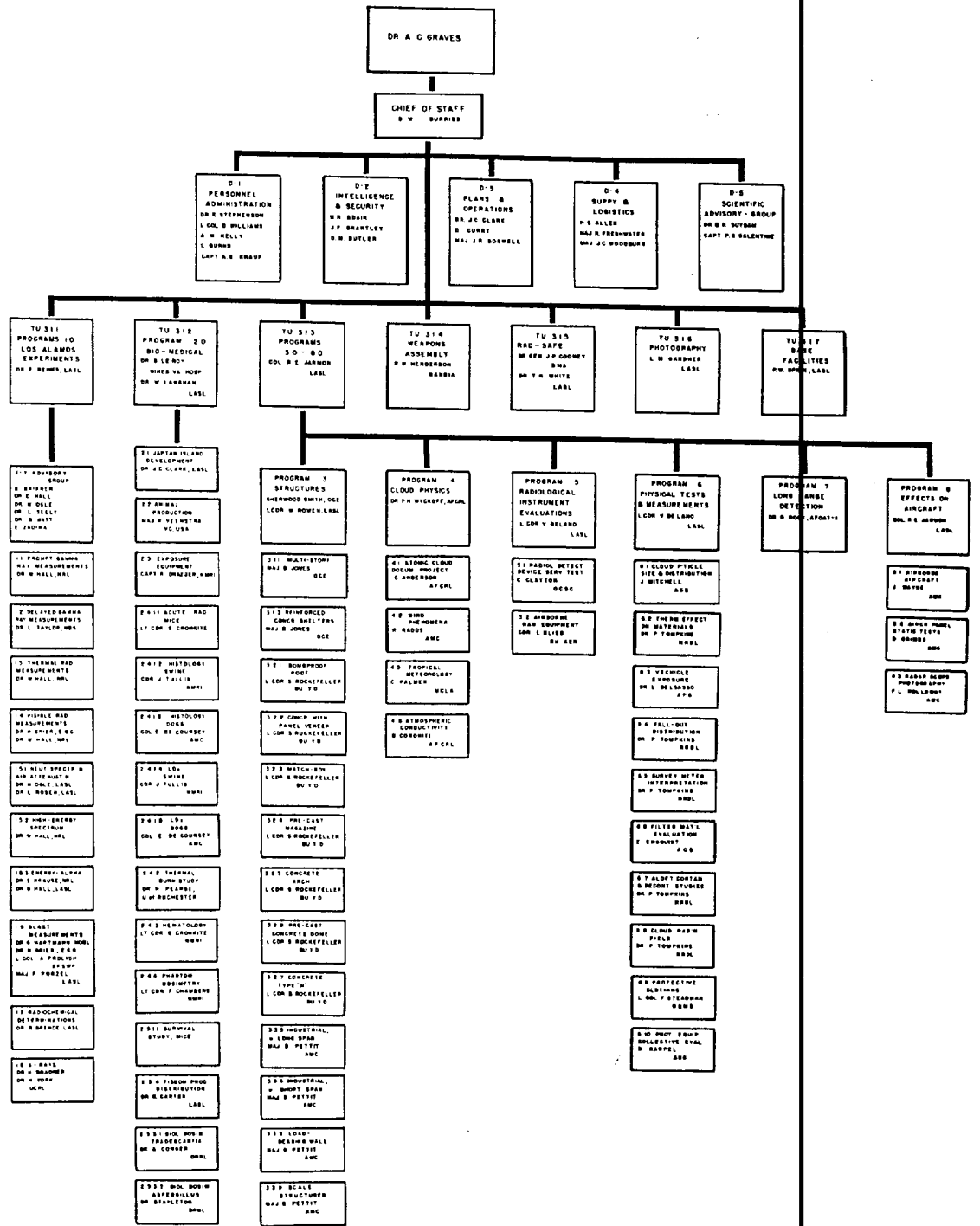
*[Handwritten notes]*

THIS DOCUMENT CONSISTS OF 1 PAGE(S)  
NO. 19 OF 30 COPIES, SERIES B  
LAB J-65c  
4-19-50

SECRET

18

# TASK GROUP 3.1

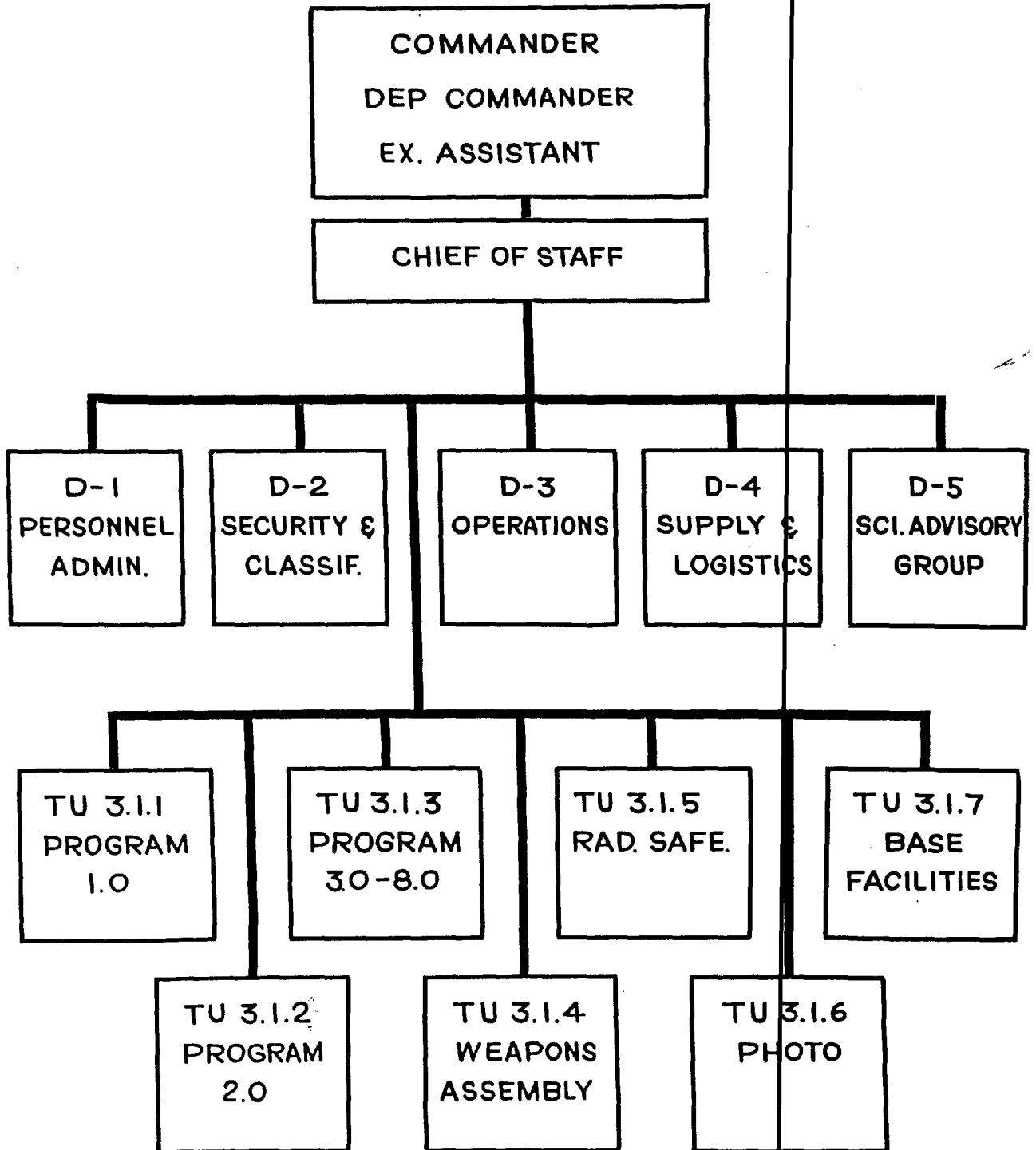


KEY TO ABBREVIATIONS

ACC	ARMY CHEMICAL CENTER	O	OFFICE	OFFICE OF ENGINEERS
AFCL	AIR FORCE CORROSIVE RESEARCH LABORATORY	OCE	OFFICE	OFFICE OF SIGNAL CORPS
AFM-1	AIR FORCE OFFICE FOR ARMED TESTS	OCSC	OFFICE	OFFICE OF QUARTERMASTER GENERAL
AFM-2	ARMED FORCES SPECIAL WEAPONS PROJECT	ODD	OFFICE	OFFICE OF NATIONAL LABORATORY
ANC	AIR MATERIAL COMMAND	ORL	ORL	UNIVERSITY OF CALIFORNIA, LOS ANGELES
ANG	ARMED PROving GROUND	UCAL	UNIVERSITY OF CALIFORNIA, BERKELEY LABORATORY	
B	BUREAU OF AERONAUTICS	USA	UNITED STATES ARMY	
B. V. D.	BUREAU OF YARDS AND DOCKS	USAF	UNITED STATES AIR FORCE	
E	EDGESTON, SEDENHAUSEN, AND TRIER, INC	USN	UNITED STATES NAVY	
L	LOG	VC	VETERINARY CORPS	
LALB	LOS ALAMOS SCIENTIFIC LABORATORY			
N	NATIONAL BUREAU OF STANDARDS	OML	DIVISION OF MILITARY APPLICATIONS	
NMI	NAVAL MEDICAL RESEARCH INSTITUTE			
NRL	NAVAL RESEARCH & DEVELOPMENT RESEARCH LABORATORIES			
NR	NAVAL RESEARCH LABORATORY			
NRL	NAVAL RADIOLOGICAL RESEARCH			



# TASK GROUP 3.1



# MISSION TASK GROUP 3.1

PREPARE, ARM AND FIRE NUCLEAR WEAPONS AND OTHER DEVICES WHEN DIRECTED BY CJTF-3.

PREPARE FOR AND CONDUCT THE EXPERIMENTAL PROGRAM (PROGRAM 1.0) OF THE AEC.

PREPARE FOR AND CONDUCT THE COMBINED ATOMIC ENERGY COMMISSION-DEPARTMENT OF DEFENSE BIO-MEDICAL PROGRAM (PROGRAM 2.0).

PREPARE FOR AND CONDUCT THE EXPERIMENTAL PROGRAMS (PROGRAMS 3.0 THRU 6.0 AND PROGRAM 8.0) OF THE DEPARTMENT OF DEFENSE.

ASSUME OPERATIONAL AND TECHNICAL CONTROL OF PROGRAM 7.0 (LONG RANGE DETECTION ACTIVITIES) ON ENIWETOK ATOLL AND COORDINATE THE EXPERIMENTAL PHASES OF PROGRAM 7.0 ACTIVITIES AT MAJURO, RONGERIK, BIKINI AND KWAJALEIN WITH HEADQUARTERS, USAF (AFOAT-1).

PROVIDE FOR THE DESIGN OF INSTALLATIONS ON ALL ISLANDS OF THE ENIWETOK ATOLL, CONSTRUCTION ON ALL ISLANDS OF THE ENIWETOK ATOLL EXCEPT ENIWETOK ISLAND, AND ASSISTANCE TO INCLUDE SUPPLY OF CERTAIN MATERIALS TO CTG 3.2 IN CONSTRUCTION OF FACILITIES ON ENIWETOK ISLAND AS AGREED WITH CTG 3.2.

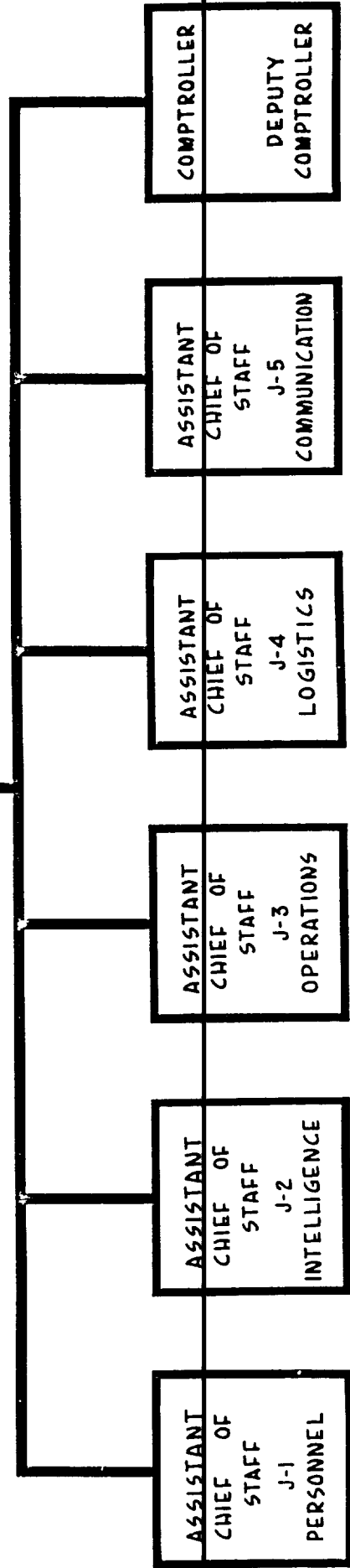
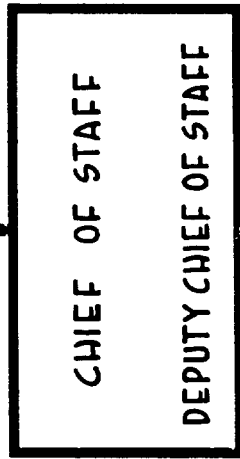
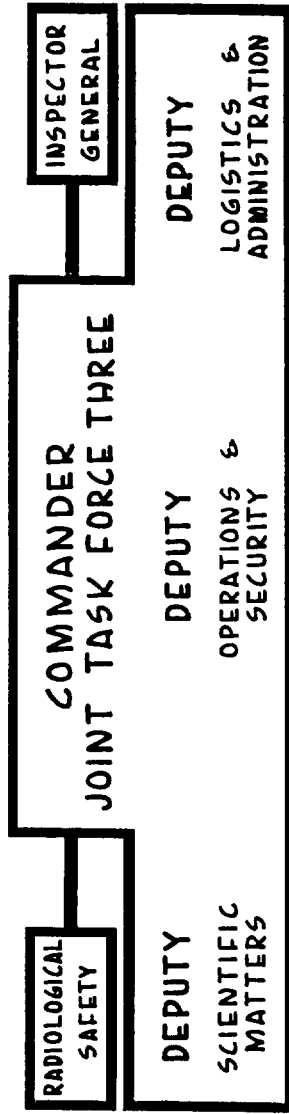
OPERATE AND MAINTAIN BASE AND LABORATORY FACILITIES ON ALL ISLANDS OF THE ENIWETOK ATOLL EXCEPT ENIWETOK ISLAND AND OPERATE AND MAINTAIN CERTAIN LABORATORY FACILITIES AND SPECIFIED UTILITIES ON ENIWETOK ISLAND.

STATISTICAL SERVICES  
RECEIVED FEB 19 1953

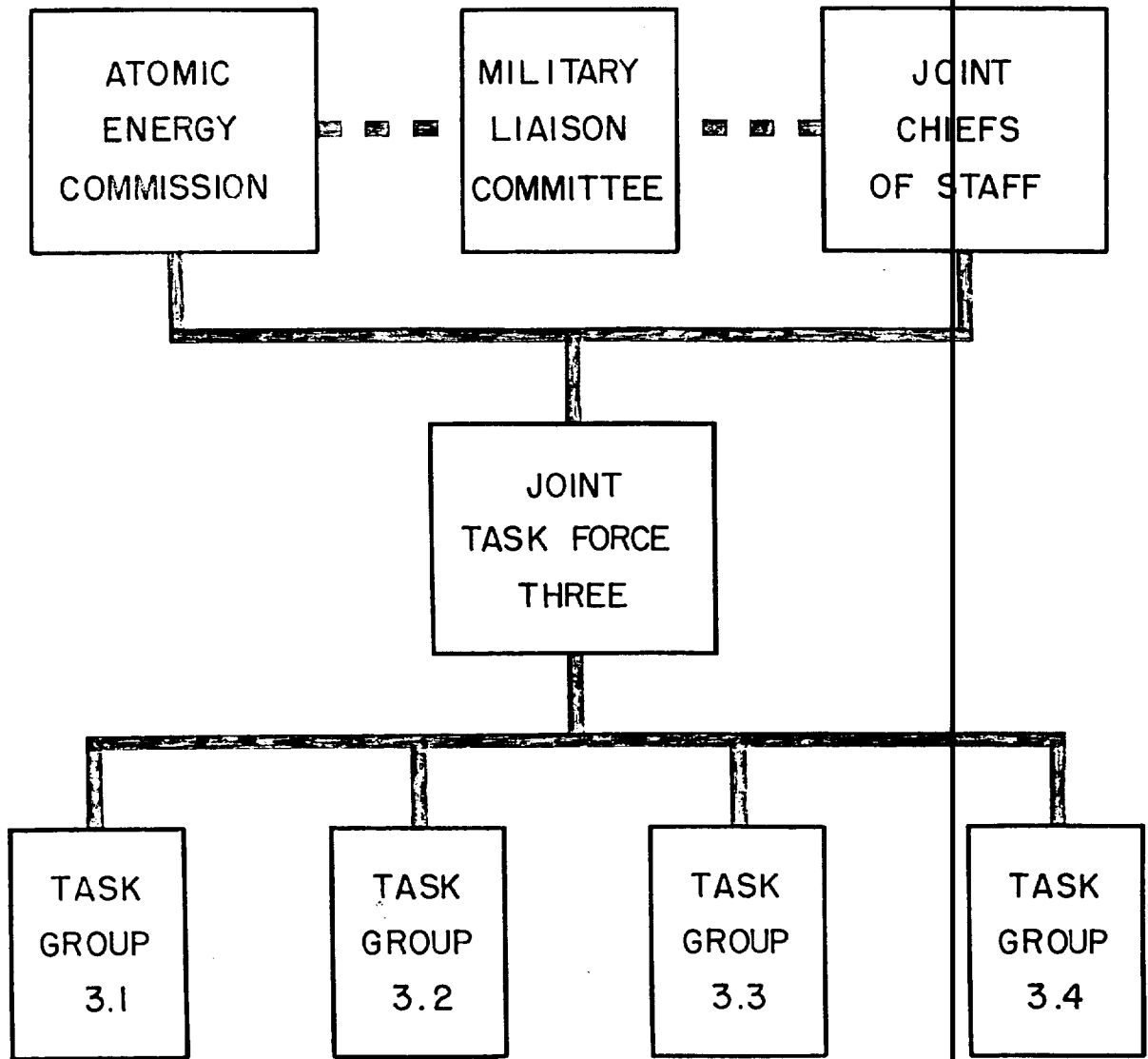
SECRET

42

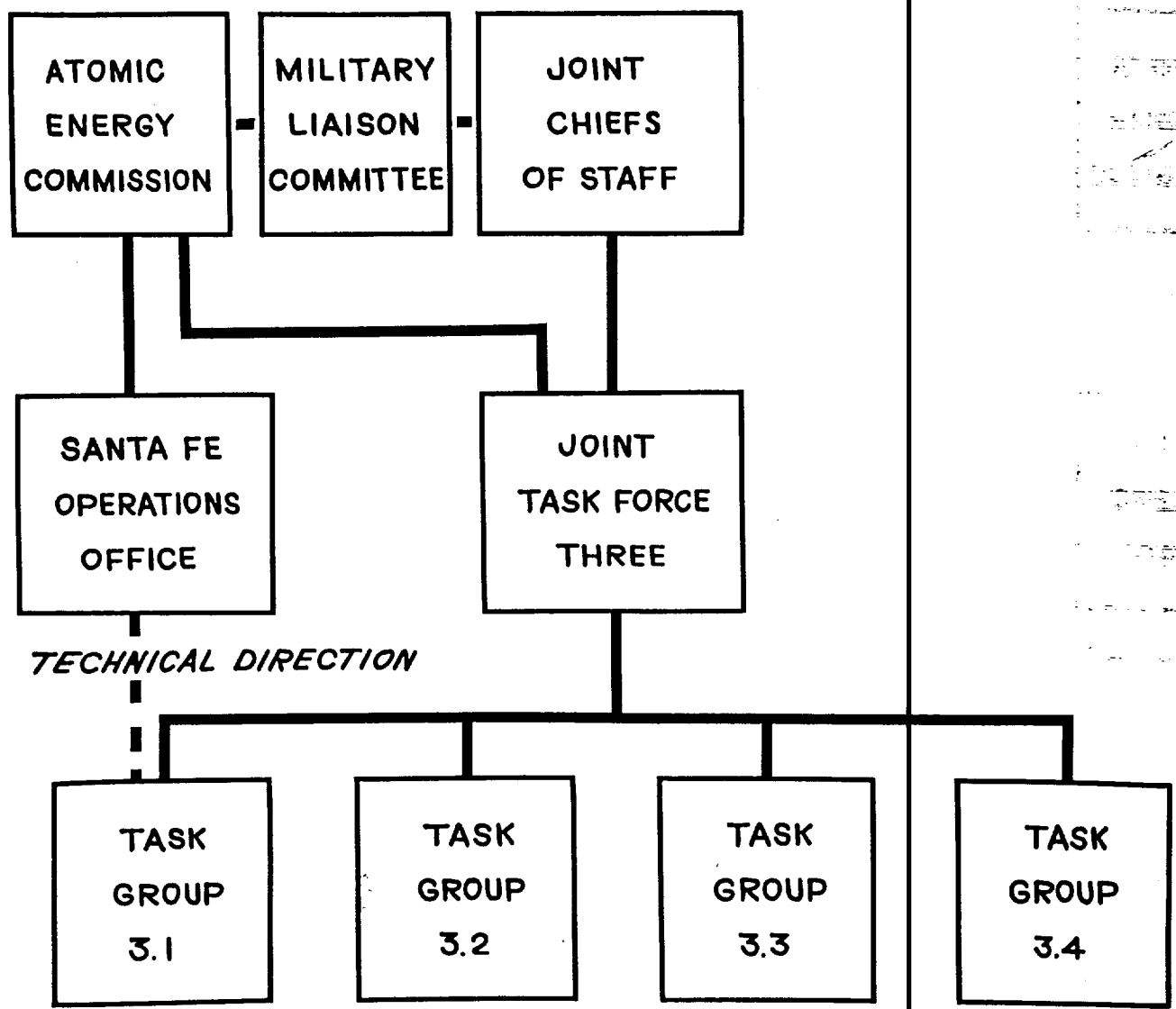
# JOINT TASK FORCE THREE



# JOINT TASK FORCE THREE



# JOINT TASK FORCE THREE



DECLASSIFIED  
E.O. 10501, NOV. 6, 1953  
FILE BY \_\_\_\_\_ DATE \_\_\_\_\_

~~SECRET~~

JOINT TASK FORCE THREE

Page . . . 1

MISSION

To prepare for and conduct test of four (4) experimental atomic weapons (and of a fifth such weapon if required) commencing on or about 15 April 1951.

To prepare for and conduct the experimental measurements proposed by the Atomic Energy Commission, and so much of the experimental programs proposed by the ARMY, the NAVY and AIR FORCE (and other interested agencies) as may subsequently be approved by the Joint Chiefs of Staff.

On assumption of overall military responsibility for ENIWETOK ATOLL, provide for local security of the ENIWETOK AREA.

~~SECRET~~

46

# SECTION I

# ORGANIZATIONS AND MISSIONS

STATISTICAL SERVICE

DCS/COMPTROLLER III-3

~~SECRET~~

~~SECRET~~



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON 25, D. C.

16 MAR 1950

SUBJECT: Armed Forces Participation in 1951 Atomic Weapons  
Proof-Testing

TO: Commander  
Joint Task Force THREE  
Main Navy Building  
Washington 25, D. C.

1. The Joint Chiefs of Staff have approved the recommendations contained in J.C.S. 1998/13. The Atomic Energy Commission has concurred in those aspects of the plan set forth in J.C.S. 1998/13, which are pertinent to the Commission's activities.

2. You are directed to integrate into Joint Task Force THREE such units and personnel as may be made available by the Chief of Staff, U. S. Army, the Chief of Staff, U. S. Air Force, the Chief of Naval Operations, and the Atomic Energy Commission.

3. The mission of Joint Task Force THREE is:

a. To prepare for and conduct tests of three experimental atomic weapons commencing on or about 1 March 1951.

b. To prepare for and conduct the experimental measurements proposed by the Atomic Energy Commission, and so much of the experimental programs proposed by the Army, the Navy and the Air Force (and other interested agencies) as may subsequently be approved by the Joint Chiefs of Staff.

c. On assumption of over-all military responsibility for Eniwetok Atoll, provide for local security of the Eniwetok area.

4. You may, at your discretion, and within the limitations of funds made available to you therefor, include such other experiments consistent with the approved programs which do not jeopardize the scope thereof, and you may delete experiments which may subsequently prove undesirable or not feasible.

5. At a time to be designated by you, you will arrange with CinCPAC to assume over-all military responsibility for Eniwetok Atoll, the atomic weapons proving ground established thereon, and the operational control of all units, personnel and facilities made available

for this test. In the accomplishment of your mission, you will take action as necessary to enforce the status of Eniwetok Atoll which was closed effective 1 December 1947, pursuant to the provisions of the Strategic Trusteeship Agreements for the Trust Territory of the Pacific Island.

6. On assuming military responsibility for the Eniwetok area, you will take appropriate action to deny entry to all unauthorized personnel, aircraft and vessels. In carrying out this mission, you are authorized to use all means available to you (including firing of warning shots and, in the case of a submerged submarine, dropping depth charges aimed not to hit, when all normal means of warning and identification have been exhausted).

7. You will prepare, submit to the Joint Chiefs of Staff for approval, and keep up to date, plans for a general emergency (including plans for rapid redeployment of your forces on call from the Joint Chiefs of Staff).

8. You will keep the Joint Chiefs of Staff informed of your progress and you will submit a report of the activities of Joint Task Force THREE upon completion of the operation.

9. Direct communication is authorized with the three military Services, CINCPAC, other commanders of unified commands, and the Atomic Energy Commission, on all matters pertaining to the implementation of the plan contained in J.C.S. 1998/13.

FOR THE CHIEF OF STAFF, U.S. AIR FORCE, EXECUTIVE AGENT:

S. E. ANDERSON  
Major General, USAF  
Director, Plans and Operations

~~SECRET~~

~~SECRET~~



PERSONNEL

J-4 Division

Maintenance Supply and Services

Installations

Transportation

Liaison, San Francisco

Liaison, Travis AFB

Liaison, Oahu

Liaison, McClellan AFB

Administration

Comptroller

Budget and Fiscal

Planning

Management Analysis

Statistical Services

Audit and Finance

J-5 Division

Frequency Control and Current Section

Traffic Control Section

Plans, Personnel and Supply

Communications Security

Communications Center

Technical Consultant

Commander Albert B. Howden, USN

Lt. Colonel Robert L. Ely, USA

Captain George T. Carr, USAF

Colonel R. F. Alexander, USA

Commander, John A. Clark, USN

Major Bruce D. Jones, USA

Major Robert D. Denchfield, USA

Major J. G. Stanley, USA

Major Marcus A. Petterson, USA

Captain Bernard J. O'Donnell, USA

Captain Marcus P. Freeman, USA

Major Joseph V. Bledsoe, USAF

Lt. Commander Ernest W. Dobie, USN

Major Andrew Prudhomme

Captain Leroy J. Jones, USAF

Lt. John Lutzelman, USN

Colonel J. M. Ruddy, USA

Lt. Colonel Francis L. Kohlrieser, USAF

Major Elta P. Evans, USAF

Lt. Colonel William T. Shealy, USAF

Major H. T. Boyd, USAF

Captain E. J. Darst, USAF

Captain Robert D. Crea, USA

Colonel Wesley E. Calkins, USAF

Lt. Byron G. Langford, USN

Major Ernest S. King, USA

Lt. Colonel Burnis M. Kelly, USA

Major Loudin L. Rohr, USAF

Captain Gordon L. Fieldis, USAF

Lt. Chester Gavin, Jr., USN

Lt. C. F. Grinager, USA

Mr. Jack H. Eggert

Mr. Robert J. Spurr

PERSONNEL

Secretary, Joint Staff

Headquarters Commandant

Lt. Wesley Hiron, USN

J-1 Division

Adjutant General

Colonel Emery W. Cofield, USAF

Assistant Adjutant General

Captain Robert L. Bryant, Jr., USAF

Surgeon

Colonel Charles P. Ward, USA

Chaplain

Colonel L.O. Sheffield, USA

Policy & Personnel Procurement

Lt. Commander John L. Hutchinson, USN

Captain Francis W. Leaden, USAF

Adjutant General Executive Officer

Major L.A. O'Brien, USA

Top Secret Control Officer

Major Carl M. McIntyre, USA

Administration and Personnel

Lt. Matthew J. Wojcicki, USN

Special Services

Captain William H. McKinney, USAF

Assistant Adjutant General - Mail Center

1st Lt. Francis Zinkand, USAF

Publications & Reproductions

WOJG David G. Walters, USA

Personnel Management

WOJG Otis J. Hingerty, USA

J-2 Division

Intelligence Estimates

Commander John C. Mathews, USN

Operational Intelligence

Commander W.R. DeLoach, USN

Lt. Colonel R.B. Rigg, USA

Security

Mr. W. T. Riley, AEC

Lt. Colonel Ralph H. Currin, USMC

Lt. Colonel R. G. Minick, USAF

Lt. Colonel Elwin H. Garrison

Administration

J-3 Division

Chief, Military Operations Branch & Naval Desk

Commander William M. McCormick, USN

Air Force Desk

Lt. Colonel Loren E. Ireland, USAF

Scientific Desk

Lt. Colonel P.L. Hooper, USA

Army Desk

Lt. Colonel Raymond J. Feisinger, USA

Special Projects Desk

Commander Leslie A. Few, USN

Chief, Technical Operations Branch

Colonel G. R. Taylor, USAF

Weather Desk

Lt. Commander Elbert W. Pate, USN

Radiological-Safety Desk

Commander Russell H. Maynard, USN

Military Tests Desk

Lt. Colonel J. C. Damon, USA

Administrative Executive

1st Lt. William F. Skidmore, USA

Administrative Assistant

WOJG Paul D. Williams, USA

Rear Echelon Representative (Washington D.C.)

Major John B. Corbett

KEY - PERSONNEL

HEADQUARTERS, JOINT TASK FORCE THREE

Commanding General	Lt. General E.R. Quesada, USAF
Aide-de-Camp	Captain Roger F. Haley, USAF
Deputy for Scientific Matters	Dr. Alvin C. Graves, AEC
Executive Deputy for Scientific Matters	Colonel George F. Schlatter, USAF
Deputy, Operations and Security	Rear Admiral Tom B. Hill, USN
Executive Deputy for Operations and Security	Captain Charles B. Martell, USN
Deputy for Logistics and Administration	Brigadier General Herbert B. Loper, USA
Special Assistant to the Commander for Radiological Safety	Brigadier General James P. Cooney, USA
Chief of Staff	Brigadier General John K. Gerhart, USAF
Deputy Chief of Staff	Captain James R. Pahl, USN
Secretary, Joint Staff	Major Vito S. Pedone, USAF
Assistant Chief of Staff, J-1	Colonel Thomas E. Barbour, USA
Deputy Assistant Chief of Staff, J-1	Colonel Maxwell H. Thompson, USA
Assistant Chief of Staff, J-2	Lt. Colonel Roland M. Gleszer, USA
Deputy Assistant Chief of Staff, J-2	Commander John C. Mathews, USN
Assistant Chief of Staff, J-3	Colonel Paul T. Preuss, USAF
Deputy Assistant Chief of Staff, J-3	Colonel Robert R. Gileon, Jr., USAF
Assistant Chief of Staff, J-4	Colonel William E. Pheris, USA
Deputy Assistant Chief of Staff, J-4	Colonel Robert F. Alexander, USA
Assistant Chief of Staff, J-5	Colonel Leland H. Stanford, USA
Deputy Assistant Chief of Staff, J-5	Colonel Wesley E. Calkins, USAF
Assistant Chief of Staff, Comptroller	Colonel Edward J. Hopkins, USAF
Deputy Assistant Chief of Staff, Comptroller	Commander George T. Waite, USN
Inspector General	Colonel Frederick A. Bacher, USAF
Historian	Dr. Henry L. Bowen
Administrative Pilot	Major John C. Hall, USAF

# MISSION JOINT TASK FORCE THREE

- I. TO PREPARE FOR AND CONDUCT TEST OF THREE EXPERIMENTAL ATOMIC WEAPONS
2. TO PREPARE FOR AND CONDUCT THE EXPERIMENTAL MEASUREMENTS PROPOSED BY THE ATOMIC ENERGY COMMISSION AND SO MUCH OF THE EXPERIMENTAL PROGRAMS PROPOSED BY THE ARMY, THE NAVY AND THE AIR FORCE (AND OTHER INTERESTED AGENCIES) AS MAY SUBSEQUENTLY BE APPROVED BY THE JOINT CHIEFS OF STAFF.
3. ON ASSUMPTION OF OVERALL MILITARY RESPONSIBILITY FOR ENIWETOK ATOLL, PROVIDE FOR LOCAL SECURITY OF THE ENIWETOK AREA.

# C O N T E N T S

Key Personnel, Headquarters, Joint Task Force THREE  
Personnel, J-Divisions  
Ltr., Department of the Air Force, Subject: Armed  
Forces Participation in 1951 Atomic Weapons Proof-Testing

## Section I Organization & Mission

Mission, Joint Task Force THREE  
Organization, Joint Task Force THREE  
Mission, Task Group 3.1  
Organization, Task Group 3.1  
Mission, Task Group 3.2  
Organization, Task Group 3.2  
Mission, Task Group 3.3  
Organization, Task Group 3.3  
Mission, Task Group 3.4  
Organization, Task Group 3.4

## Section II Comptroller

GREENHOUSE Funds Program, FY 1950 - 1951  
Overall Status of Funds FY 1951  
Estimated and Actual Costs  
Cumulative Costs, Joint Task Force THREE

## Section III Operations

Situation Map, Atoll Area  
Experimental Programs, Operation GREENHOUSE  
Weather Stations, Atoll Area  
Employment of Aircraft by Project  
Projected & Actual Strength by Task Group  
Projected & Actual Strength by Location  
Water Shipments and Airlift Data  
Soviet Reconnaissance Capabilities Against Eniwetok  
Native Population Chart

## Section IV Illustrations

GREENHOUSE Program  
Alternate Program - Personnel  
Alternate Program - Logistics  
Aircraft Instrumentation Charts  
Shot Island Instrumentation Charts  
Air Situation Illustration  
Screening & Integration of Experimental Programs Chart  
Program and Test Structure Illustrations



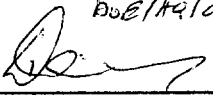
# JOINT TASK FORCE THREE

## STATISTICS

**E. R. QUESADA**

**LIEUTENANT GENERAL USAF**

**COMMANDER**

STATUS VERIFIED UNCLASSIFIED	
<i>Dis E/142/00 Appat 4-11/1966</i>	
	<i>2/12/97</i>
AUTHORIZED DERIVATIVE <del>CLASSIFIER</del> <i>De K. S. J. S. J.</i>	DATE

DECLASSIFIED

Authority MR 81-456 #1  
 By bc NLE Date 10/30/81

Prepared by:  
 Office, Statistical Services, JTF-3

