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# HEADQUARTERS TASK GROUP 7.4



## OPERATION ORDER NO. 6-54

HOWELL M. ESTES, JR.  
BRIGADIER GENERAL, USAF  
COMMANDER

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HEADQUARTERS  
TASK GROUP 7.4, PROVISIONAL  
APO 187, c/o Postmaster  
San Francisco, California  
9 April 1954, 1800 M

OPERATIONS ORDER NO. 6-54

CHART REFERENCES:

- a. World Aeronautical Charts (748, 749, 848, 849, 850) 1:1,000,000.
- b. USAF Aeronautical Planning Chart (AP-14) 1:5,000,000.

TASK ORGANIZATION:

- a. Headquarters Task Group 7.4, Provisional  
Brigadier General Howell M. Estes, Jr.
- b. Test Aircraft Unit  
Lt Colonel James A. Watkins
- c. Test Services Unit  
Lt Colonel Mahlon B. Hammond
- d. Test Support Unit  
Colonel James F. Starkey

1. GENERAL SITUATION:

Joint Task Force SEVEN and its Task Groups have successfully completed KOON Mission. The mission covered by this Operations Order is assigned the code name UNION. Its execution day is U-Day. Aircraft positioning in space at H-Hour and flight patterns are issued as annexes here to. This order is a specific directive to all elements of the Air Force Task Group to execute their assigned missions in support of UNION. This order supplements Task Group 7.4 Operations Order 1-53 and 2-54 which are still in effect.

- a. See Annex A, Intelligence, TG 7.4 Operations Order 1-53.
- b. See Annex B, Organization and Command Relationship, TG 7.4 Operations Order 1-53.

- (1) Task Group 7.3 will provide, to Task Group 7.4, aircraft control facilities aboard the Command Ship and the Control Destroyer for the U-Day event. (See Annex A, Check List, this Operations Order and Annex T, Command Ship CIC Procedures; Annex J, Control Destroyer Procedures, Operations Order 2-54).
- (2) B-50 aircraft of the 97th Bomb Wing (Medium) will participate on U-Day. (See Annex O, B-50 IBDA Flight Procedures, TG 7.4 Operations Order 2-54 and Annex A, Check List, this Operations Order).

2. MISSION:

To participate in the UNION Event as directed by Joint Task Force SEVEN.

3. TASKS FOR SUBORDINATE UNITS:

a. Test Aircraft Unit:

- (1) Execute assigned mission to include that specified in Annex A.
- (2) Provide six (6) F-84 aircraft for necessary sampling missions for U-Day. (See Annex H, Operations Order 2-54).

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Change #2  
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- (3) Provide three (3) B-36 aircraft for control, effects and sampling missions for U-Day. (See Annexes G, I, and K, TG 7.4 Operations Order 2-54.) *One RB-36 Control, one B-36D Effects and one RB-36 Sampler will participate.*
- (4) Provide one (1) B-47 aircraft for an effects missions on U-Day. (See Annex J, TG 7.4 Operations Order 2-54).
- (5) Integrate the operations of three (3) B-50 aircraft into U-Day. (See Annex O, TG 7.4 Operations Order 2-54).
- (6) Assure adequate sample removal procedures for U-Day. (See Annex R, Task Group 7.4 Operations Order 2-54).
- (7) Augment the field maintenance facilities of the Test Support Unit as required.
- (8) Provide for complete care, storage and issue of personal equipment to all aircrews of the Test Aircraft Unit.
- (9) Prepare the marshaling plan for all aircraft which will depart from ENIWETOK to participate in U-Day, and special missions.
- (10) Prepare a post-mission parking plan for all aircraft that will land at ENIWETOK after the completion of their mission.
- (11) Prepare a mission execution chart and assure that take-offs and landings are accomplished as specified in Annex C.
- (12) Provide for aircraft decontamination.

b. Test Services Unit:

- (1) Provide three (3) C-54 photographic aircraft and crews for U-Day. (See Annex L, TG 7.4 Operations Order 2-54).
- (2) Execute assigned missions, including that specified in Annex A.
- (3) Provide adequate SA-16 and other required SAR support to the AOC and CIC for operational control throughout the U-Day event. (See Annex F, TG 7.4 Operations Order 2-54). Additional SA-16 aircraft for back up purposes may be obtained from Test Support Unit.
- (4) Provide adequate WB-29 Weather Reconnaissance, cloud tracking and sampling services throughout the U-Day event. (See Annex M, TG 7.4 Operations Order 2-54).
- (5) Assure adequate pre-mission weather forecasting as required for the U-Day event.
- (6) Provide necessary weather briefings and weather reports to the CIC and AOC throughout the U-Day event.
- (7) Assure adequate communications facilities throughout the U-Day event.
- (8) Augment the field maintenance facilities of the Test Support Unit as required.
- (9) Coordinate with Test Aircraft Unit to assure that Test Services Unit aircraft are marshaled as required by that unit.
- (10) Provide for complete care, storage and issue of personal equipment to all aircrews of the Test Services Unit.

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c. Test Support Unit:

- change #1*
- (1) Assure that transient traffic and airlift operations do not interfere with or endanger test aircraft operations during the U-Day event. (See Annex A, TG 7.4 Operations Order 2-54).
  - (2) Provide two (2) C-47 aircraft for VHF relay for the U-Day mission. (See Annex B, TG 7.4 Operations Order 2-54).
  - (3) Establish required measures to prevent movement of vehicles from interfering with or endangering air operations throughout U-Day.
  - (4) Provide adequate crash removal and fire fighting protection for all air operations on U-Day.
  - (5) Place one (1) H-19 helicopter under the operational control of the SAR Element Commander and one (1) crash boat under the operational control of the AOC from 27 February 1954 and continuing throughout the project. (See Annex F, TG 7.4 Operations Order 2-54).
  - (6) Assure adequate refueling and field maintenance support for all aircraft during the U-Day event.
  - (7) Provide photographic coverage during U-Day operations for historical purposes.
  - (8) In coordination with other Test Units, assure adequate transportation schedule from the flight line to the dining halls and billeting areas throughout the U-Day event.
  - (9) Coordinate with Test Aircraft Unit to assure that C-47 REFLECTOR aircraft are marshaled as required by that unit.
  - (10) Make available one airlift SA-16 to the Test Services Unit for additional rescue capability, if required.

x. All Units:

- change #1*
- (1) Provide liaison officers to assist Headquarters TG 7.4 aircraft controllers in the AOC, on the Command Ship and Control Destroyer as required. (See Annex K, TG 7.4 Operations Order 2-54).
  - (2) Coordinate with Test Support Unit to arrange required early dining schedules, in-flight lunches, transportation, etc., for the U-Day mission.
  - (3) Adhere to security procedures as outlined in Annex G, Security and Public Information, TG 7.4 Operations Order 1-53.
  - (4) Emphasize the Flight Safety Program outlined in Annex L, Flight Safety, TG 7.4 Operations Order 1-53 and other directives.
  - (5) Be prepared to augment existing SAR facilities in emergencies during the U-Day event.
  - (6) Be prepared to postpone execution of the mission for such periods as are made necessary by adverse weather or other unforeseeable events. (See Annex V, TG 7.4 Operations Order 2-54).

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- (7) Assure proper reporting of radiation encountered by multi-engine aircraft. (See Annex W, TG 7.4 Operations Order 2-54).
- (8) Conduct briefings as required. (See Annex X, TG 7.4 Operations Order 2-54).
- (9) Maintenance personnel will be standing by to meet their aircraft upon return from the mission so that the aircraft can be prepared for subsequent operations in the shortest time possible.


4. LOGISTICAL MATTERS:

See Annex C, Administration, TG 7.4 Operations Order No. 1-53.

5. COMMAND AND SIGNAL MATTERS:

- a. Communications: (See Annex E, TG 7.4 Operations Order 2-54)
- b. Time: Zone "M" (Local) Time.
- c. Command Posts:

- (1) Task Group 7.4                      USS ESTES (AGC-12)
  - (a) Eniwetok Operations      Building #90, Eniwetok Island
- (2) Test Aircraft Unit              Building 135, Eniwetok Island
- (3) Test Services Unit              Building 135, Eniwetok Island
- (4) Test Support Unit              Building 135, Eniwetok Island

  
HOWELL M. ESTES, JR.  
Brigadier General, U. S. A. F.  
Commander

ANNEXES:

(See page 5)

DISTRIBUTION:

(see pages 6 & 7)

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ANNEXES

- A. Check List
- B. Aircraft Parking Plan
- C. Aircraft Mission Execution Chart
- D. Aircraft H-Hour Positions and Flight Patterns
- E. Communications
- F. SAR Plan
- G. Control RB-36 Flight Procedures
- H. F-84 Sampler Flight Procedures
- I. B-36 Effects Flight Procedures
- J. B-47 Effects Flight Procedures
- K. B-36 Hi-Altitude Sampler Flight Procedures
- L. C-54 Photo Flight Procedures
- M. WB-29 Weather and Rad Safe Flight Procedures
- N. Decontamination Procedures
- O. B-50 IBDA Flight Procedures
- P. C-47 Relay Flight Procedures
- Q. Observer Aircraft Flight Procedures
- R. Sample Recovery Procedures
- S. AOC Procedures
- T. CIC Procedures
- U. Control Destroyer Procedures
- V. Aircraft Abort Criteria
- W. Multi-Engine Aircraft Rad-Safe Reporting Code
- X. Briefings
- Y. Navy Aircraft Flight Procedures

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1	23	Comdr, AWS, Andrews AFB, Washington 25, D.C.
1	24	Comdr, ARS, Andrews AFB, Washington 25, D.C.
1	25	Comdr, 8th Air Force, Carswell AFB, Texas
1	26	Comdr, PACDIVMATS, APO 953, c/o PM, San Francisco, Calif
1	27	Comdr, 4925th Test Group (ATOMIC), Kirtland AFB, NM
1	28	Comdr, 11th Air Rescue Group, LPO 953, c/o PM, San Francisco, Calif
1	29	Comdr, Air Defense Command, Ent AFB, Colorado
1	30	Comdr, Air Proving Ground Command, Eglin AFB, Fla
1	31	Comdr, 78th Air Rescue Sq, Box 26, FPO 824, c/o PM, San Francisco, Calif
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2	44 - 45	Comdr, TG 7.3, APO 187, c/o PM, San Francisco, Calif
4	46 - 49	Comdr, TG 7.5, APO 187, c/o PM, San Francisco, Calif
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1	51	CG, AFSWP, Sandia Base, New Mexico
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1	84	Commander, TG 7.4
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1	86	Chief of Staff
5	87 - 91	Director of Operations
2	92 - 93	Director of Personnel
2	94 - 95	Director of Materiel
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1	97	Personnel Security Officer
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ANNEX A

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ANNEX A

TO

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TASK GROUP 7.4 CHECK LIST

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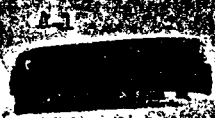
TASK GROUP 7.4 CHECK LIST

<u>ITEM</u>	<u>DAY</u>	<u>HOUR</u>	<u>EVENT</u>
✓ 1	B-1	0700	Three (3) WB-50 Weather Reconnaissance missions per day begin.
✓ 2	D-1	0900	Positioning meeting at Hq, Task Group 7.4 to firm positions of all aircraft for UNION event.
<del>3</del>	<del>D-1</del>	<del>1600</del>	<del>Publish Task Group 7.4 Operations Order 6-54.</del>
✓ 4	D-1	1900	CTG 7.4 reports state of readiness of TG 7.4 to CJTF SEVEN.
<del>5</del>	<del>D-3</del>	<del>0800</del>	<del>Project participants arrive arrive ENIWETOK.</del>
✓ 6	D-3	1600	Task Group 7.4 personnel board USS ESTES.
✓ 7	D-3	1700	JTF SEVEN notifies CINCPAC that ENIWETOK and BIKINI airstrips are closed to air traffic, only scheduled MATS and official observer flights will land at ENIWETOK. (NOTAM)
<del>8</del>	<del>D-3</del>	<del>1800</del>	<del>DOLE HOUSE begins constant listening watch on J-407. CIC scope controller assignment charts prepared.</del>
<del>9</del>	<del>D-2</del>	<del>0700</del>	<del>JTF SEVEN official observers arrive at ENIWETOK.</del>
<del>10</del>	<del>D-2</del>	<del>0800</del>	<del>CIC briefing by Senior Air Controller. CLARE</del>
<del>11</del>	<del>D-2</del>	<del>0900</del>	<del>AOC confirms requirements for post mission, inter-atoll airlift operations. Notify CIC of all confirmed missions.</del>
✓ 12	D-2	1000	Mission flimsies issued to all aircrews by Test Aircraft Unit.
<del>13</del>	<del>D-2</del>	<del>1200</del>	<del>Two forecasters from Weather Central board USS ESTES.</del>
<del>14</del>	<del>D-2</del>	<del>1300</del>	<del>CIC designates and briefs officer to stand by on Dr. Ogile's phone.</del>
✓ 15	D-2		Required radiological instruments issued by Test Aircraft Unit to B-36 and B-59 Radiological Divisions. <i>airborne monitors</i>
✓ 16	D-2	1300	CIC checks Time Hack communications. <i>(on MINUS 1)</i>
✓ 17	D-2	1300	Test Aircraft Unit designates mission tower officer.
<del>18</del>	<del>D-2</del>	<del>1600</del>	<del>Three (3) sample return aircraft (FLY AWAY 1, 2 and 3) arrive at ENIWETOK.</del>
<del>19</del>	<del>D-2</del>	<del></del>	<del>Three (3) B-50 TBDA aircraft arrive at ENIWETOK from GUAN. Radio and IFF checked in these craft.</del>

SHOULD BE  
SOME  
COMMENT  
LATER  
1400 ON  
D-1

NDOWSON

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ITEM	DAY	HOUR	EVENT
✓20	U-1	0700	AOC insures that tower personnel are rebriefed on <del>U</del> -Day mission.
✓21			<i>BASE</i> Test Support Unit insures that crash removal crews are briefed and prepared for U-Day assignments.
✓22			<i>BASE</i> Test Support Unit insures that final arrangements are made for messing and transportation during the mission.
✓23	U-1	0700	CIC completes arrangements with JOC to use direct line to <del>Dr. Ogle.</del> → ADM. HANLON (NO GO CIRCUIT)
<del>24</del>	<del>U-1</del>	<del>0730</del>	<del>Aircraft Status Report submitted to CIC by AOC.</del>
<del>25</del>			<del>AOC submits full "Midnight Report" by 0800.</del>
✓26	U-1	<del>0800</del> 1330 or 1430	General and specialized briefings begin.
✓27			<i>CIC/AOC*</i> CIC reports state of readiness of Task Group 7.4 to JTF SEVEN.
<del>28</del>	<del>U-1</del>	<del>0900</del>	<del>Amphibious aircraft departs on ratindsonde and home mission to RONGERIK. (MIGHT NEED THIS ONE LATER IF RONGERIK GETS KIDNAPPED)</del>
<del>29</del>	<del>U-1</del>		<del>JTF SEVEN personnel board USS ESTES.</del>
✓30	U-1	1000	CIC secures ETD of Commander, Task Group 7.4 from AOC.
✓31	U-1	1100	CJTF SEVEN commander's conference. (MAY BE?)
<del>32</del>	<del>U-1</del>	<del>1230</del>	<i>D-1</i> <i>CIC/AOC Briefing by Senior Air Controller</i> <del>"Execute" order from CIC to AOC.</del>
✓33	U-1	1230	Commander, Task Group 7.4 departs ENIWETOK for USS ESTES.
✓34	U-1	<del>1245</del> 1300-1400	<i>D-1</i> <i>CIC/AOC* checks time back communications</i> Last aircraft departs BIKINI and inter-atoll airlift operations are discontinued.
✓35	U-1	<del>1300</del> 1600	Marshaling of mission aircraft begins. <del>Final position of POLI HOUSE determined by Task Group 7.4 and Task Group 7.1.</del>

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ITEM	DAY	HOUR	BASE	EVENT
✓ 36	D1	1300		Test Support Unit checks crash phone operation.
		1400		ALL UNITS ADVISED OF FIRM H-HOUR
97	<del>D1</del>	<del>1400</del>		<del>VIP aircrew specialized briefing.</del>
✓ 38	D1	1500		Commander, Task Group 7.4 boards USS ESTES. *
✓ 39	D1	1600		Test Aircraft Unit forwards any changes in operational <del>plan</del> to the AOC for dissemination to the CIC and other control agencies.
✓ 40				Proxation Control Officer & FSO <del>Director of Material</del> inspect fire fighting and crash removal equipment. (INCWONG BARRIERS & BARRICADE OPERATION. D/M ASSURES THAT MA-1 BARRIERS AT JANET, TARE & NAN ARE ERECTED.)
✓ 41				Senior Controller makes final changes in General Estes's check list, if applicable. <span style="float: right;">CIC 7.4's</span>
✓ 42				One B-50 <del>hardline</del> aircraft modified to include capability of crater photography. (selected shot only)
✓ 43				USS ESTES leaves lagoon for H-Hour position. *
<del>44</del>	<del>U1</del>	<del>1630</del>		<del>CIC Controller's dry run for Commander, Task Group 7.4.</del>
✓ 45	D1	1700		Test Aircraft Unit submits Day aircraft clearances to Base Operations.
<del>46</del>				<del>PLANK-CLATER Report to Commander, Task Group 7.4 through AOC to CIC.</del>
✓ 47	D1	1720		Aircraft marshaling completed. CA MODAS, INSTALLED IN C-54's
✓ 48	D1	1800		AOC communications and equipment checked.
✓ 49				Final muster report submitted to JOC. (if nec.)
✓ 50	D1	1830		Deputy Commander, Task Group 7.4 in place <del>at</del> and all commanders immediately available.
✓ 51	D1	1845		CIC/AOC CIC routine maintenance completed. Status reports received from Electronics Officer on:

- a. SPS-6
- b. Mark 10 IFF
- c. UHF radio
- d. HF radio

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ITEM	DAY	HOUR	EVENT
✓ 52	U-1	1845	<del>CIC</del> <sup>CIC/AOC**</sup> personnel briefed
✓ 53		1700	<del>and/AOC.</del> CIC duty schedules firmed to include: a. Reporting time b. <del>CIC</del> crew reliefs set up c. Meal schedules arranged
✓ 54	U-1	2240	JTF SEVEN passes directive to Task Group 7.4 concerning flight #1 ( <del>WB-30</del> <sup>WB-30</sup> ) cloud tracker. <i>→ LATER</i>
<del>55</del>	<del>U-1</del>	<del>2300 H-7:15</del>	<del>Deputy Commander and Staff, including weather forecaster meet to finalize "Midnight Report."</del>
<del>56</del>	<del>U-1</del>	<del>2330 H-6:45</del>	<del>"Midnight Report" forward by AOC to CIC.</del>
<del>57</del>	<del>U-1</del>	<del>2315 H-7:00</del>	<del>DOLL HOUSE on station, begin listening watch on J-408.</del>
✓ 58	U-1	<del>0000</del> <sup>H-4:30</sup> H-5:45	AOC fully manned. <i>BUT LATER (H-4 HAS 0250)</i>
✓ 59	U	0100 H-5:15	Time check AOC to tower and Unit Operations.
✓ 60	U	<del>0100</del> <sup>TIME CHANGE</sup> H-5:15	Wake up CIC Enlisted Crew. Receive final CIC Electronic Status Report. * *
61	U	<del>0100</del> <sup>TIME CHANGE</sup> H-5:15	SAR alert crew and crash boat personnel in position at ENIWETOK.
62	U	<del>0120</del> <sup>TIME CHANGE</sup> H-4:55	First aircraft position #1.
<del>63</del>	<del>U</del>	<del>0125 H-4:50</del>	<del>CIC Enlisted crew reports for duty.</del>
<del>64</del>	<del>U</del>	<del>0125 H-4:50</del>	<del>CIC Seeps Controller #5 reports for duty.</del>
<del>65</del>	<del>U</del>	<del>0125 H-4:50</del>	<del>Control Destroyer CIC fully manned.</del>
✓ 66	U	<del>0130</del> <sup>TIME</sup> H-4:45	CIC posts weather and sea conditions. * *
<del>67</del>	<del>U</del>	<del>0155 H-4:20</del>	<del>CIC Seeps Controller #4 reports for duty.</del>

\*Items so marked will maintain same H-Hour factor. In the event of H-Hour time change, adjust clock time.

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ITEM	DAY	HR	EVENT
68	U	*0205 H-4:10	<del>CIC Scope Controller #3 reports for duty</del>
69	U	0230 H-3:45	CIC posts weather and sea conditions.
70	U	*0240 H-3:35	CIC scope controller #2 reports for duty.
✓71	U	*0245 H-3:30	CIC checks time broadcast with flag plot.
72	U	*0253 H-3:02	<del>Time hack (Blink light 3 seconds - all aircraft for H-3 hours. CIC checks)</del>
✓73	U	*0315 H-3:00	Time Hack, C.I.C. & A.O.C. MONITOR <i>Probably H-2 will be first time hack</i>
74	U	*0315 H-3:00	<del>CIC checks time broadcast with flag plot.</del>
✓75	U	*0315 H-3:00	"Execute" order received by CIC from JOC; forward to AOC. <i>OL NICE VELA</i>
76	U	*0320 H-2:55	<del>CIC Scope Controller #6 reports for duty.</del>
77	U	*0320 H-2:55	<del>CIC Scope Controller #1 reports for duty.</del>
78	U	0330 H-2:45	CIC posts weather and sea conditions. <i>George</i>
79	U	*0410 H-2:05	Last VIKING aircraft departs FRED, CIC reports to JOC.
80	U	*0415 H-2:02	<del>Time Hack (Blink light 3 seconds - all aircraft for H-2 hours. CIC checks).</del>
✓81	U	*0415 H-2:00	H-2:00 Time Hack, A.O.C. & C.I.C. MONITOR
✓82	U	0430 H-1:45	CIC posts weather and sea conditions.
83	U	*0425 H-1:50	CIC checks CASSIDY Homer (150 kts).
84	U	*0449 H-1:32	<del>Time Hack (Blink light 3 seconds - all aircraft for H-1:30. CIC checks).</del>
✓85	U	*0445 H-1:30	H-1:30 Time Hack, A.O.C. & C.I.C. MONITOR

(AIR DROPS - NEED SPECIAL WX REPORTS - see)

\*Items so marked will maintain same H-Hour factor. In the event of H-Hour time change, adjust clock time.

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "A"

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ITEM	DAY	HOUR	EVENT
<del>86</del>	U	<del>*0519 H-1:02</del>	<del>CIC Time Hack (Blink light 3 seconds all aircraft for H-1:00 time hack, CIC checks).</del>
✓ 87	U	*0515 H-1:00	H-1:00 Time Hack. A.D.C. & CIC MONITOR
✓ 88	U	*0525 H-0:50	Actual winds aloft checked with airborne aircraft, <del>CIC</del> checks. <i>CIC/AOC</i>
<del>89</del>	U	<del>*0528 H-0:47</del>	<del>CIC Time Hack (Solid light 3 seconds - HARDTIME and Effects aircraft for H-15 minutes.)</del>
✓ 90	U	*0530 H-0:45	H-0:45 Time Hack.
✓ 91	U	*0530 H-0:45	CIC post weather and sea conditions. * P
<del>92</del>	U	<del>*0535 H-0:40</del>	<del>DOLL HOUSE reports estimated position for H-Hour to CIC.</del>
<del>93</del>	U	<del>*0543 H-0:32</del>	<del>CIC Time Hack (Blink light 3 seconds all aircraft for H-30 minutes).</del>
✓ 94	U	*0545 H-0:30	H-0:35. CRITICAL FIGHTER EFFECTS AIRCRAFT TAKE OFF FOR BIKINI. H-0:30 Time Hack
✓ 95	U	*0550 H-0:25	Wake up relief CIC <del>estimated</del> crews, CIC receives JOC report. <i>acc</i>
96	U	*0550 H-0:25	Controller brief pilots <del>on Time Hack.</del> <i>on safety procedures</i>
97	U	*0550 H-0:25	SAR SA-16, H-19 and crash boat alerted by AOC for first <del>take-off</del> take-off (15 minutes prior to <del>SNIFFER</del> SNIFFER flight take-off).
98	U	*0555 H-0:20	Radio transmissions held to a minimum.
99	U	*0555 H-0:20	CIC officer stands by in JOC on direct line ADM. to <del>Dr. Ogle</del> to pass any message from Dr. Ogle <del>HAW</del> to General Estes. ADM. HANLON <i>CTG 7.4</i>
<del>100</del>	U	<del>*0558 H-0:17</del>	<del>CIC time hack (Blink light 3 seconds all aircraft for H-15 minutes).</del>

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TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "A"

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*Note: Max Time Hack at  
later times*

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ITEM	DAY	HOOR	EVENT
✓ 101	U	*0600 H-0:15	H-0:15 Time Hack
102	<del>U</del>	<del>*0600 H-0:15</del>	<del>Decision is made as to where ELAINE #2 will land.</del>
103	<del>U</del>	<del>*0603 H-0:12</del>	<del>Time Hack (Blink light 3 seconds all aircraft for H-10 minutes).</del>
✓ 104	U	*0605 H-0:10	H-0:10 Time Hack.
✓ 105	U	*0605 H-0:10	First <del>EL</del> sampler flight takes-off.
✓ 106	U	*0610 H-0:05	All CIC controller report positions of aircraft. <sup>NAOC **</sup>
✓ 107	U	*0610 H-0:05	Senior Controller makes final positioning report to CTG 7.4.
108	<del>U</del>	<del>*0610 H-0:05</del>	<del>REFLECTOR directed to return to PRED if relay equipment is inoperative.</del>
✓ 109	U	*0611 H-0:04	JOC notified by CIC all aircraft in position. **
110	<del>U</del>	<del>*0611 H-0:04</del>	<del>CIC Time Hack (Blink light 6 seconds for all aircraft. All aircraft remain on VHF Channel "B" until H-Hour) for H-5 minutes.</del>
✓ 111	U	*0615 H-0:00	H-Hour
✓ 112	U	*0615 H-0:00	Controllers record H-Hour positions of aircraft.
✓ 113	U	*0620 H-0:05	USS ESTES Begins movement to safe position. **
✓ 114	U	*0630 H-0:15	CIC posts weather and sea conditions. **
115	<del>U</del>	<del>*0630 H-0:15</del>	<del>JOC notifies CURTIS to come up on 400 kcs.</del>
✓ 116	U	*0630 H-0:15	CIC checks NAN, <del>RONGERIK, CURTIS AND CASSIDY</del> homer.

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TASK GROUP 7.1  
OPRS ORDER NO. 6-54  
ANNEX "A"

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ITEM	DAY	HOUR	EVENT
✓ 117	U	*0630 H/0:15	AOC checks towing of sample return aircraft, to SW parking ramp. <i>Some question exists about this AC - MAY be a good time for an turn to call in satellite from Guam!</i>
✓ 118	U	*0630 H/0:15	CIC checks JOC on status of <del>XXXX</del> <i>LATER</i>
✓ 119	U	*0635 H/0:20	JOC instructs TG 7.3 to have one HRS on alert to pick up any crews forced to land on TARE. <i>TELEPHONE RELAY CHECKED (if sent home NOT needed)</i>
✓ 120	U	*0645 H/0:30	Relieve CIC and <del>XXXX</del> Crew. <i>AOC ** (IF PRACT.)</i>
✓ 121	U	*0645 H/0:30	General Bates transmits <del>XXXX</del> report to AOC. <i>CTG 7.3</i>
✓ 122	U	*0645 H/0:30	Advise <del>XXXX</del> pilots of TARE airfield conditions. <i>LATER ALL NAW</i>
✓ 123	U	*0650 H/0:35	CIC reports CASSIDY positions to AOC. <i>CONTROL B-57 (once every 30 mins ADEQUATE)</i>
<del>124</del>	<del>U</del>	<del>*0715 H/1:00</del>	<del>CIC checks with AOC to insure completeness of sample removal plans for aircraft forced to land at KWATALEIN.</del> <i>H.F.S. SAC'S MSG TO GUAM FOR ISDA P.I.M. COURIER PICKUP</i>
<del>125</del>	<del>U</del>	<del>*0715 H/1:00</del>	<del>Project Participants' aircraft depart operational area for destination.</del> <i>EARLY PENETRATION B-57s BEGIN MISSIONS.</i>
✓ 126	U	*0720 H/1:05	WB-30 WILSON #2 cloud tracker departs ENIWETOK. <i>LATER</i>
<del>127</del>	<del>U</del>	<del>0730 H/1:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
<del>128</del>	<del>U</del>	<del>0730 H/1:15</del>	<del>CIC posts weather and sea conditions.</del>
<del>129</del>	<del>U</del>	<del>*0735 H/1:20</del>	<del>CIC Seeps Controller #7 reports for duty.</del>
<del>130</del>	<del>U</del>	<del>*0745 H/1:30</del>	<del>Personnel in position on ENIWETOK for processing B-50 aircraft for departure after completion of mission. AOC checks.</del>
<del>131</del>	<del>U</del>	<del>*0745 H/1:30</del>	<del>Sampler pilots advised of TARE airfield conditions.</del>
<del>132</del>	<del>U</del>	<del>0800 H/1:45</del>	<del>CIC reports CASSIDY position to AOC.</del>

\*Items so marked will maintain same H-Hour factor. In the event of H-Hour time change, adjust clock time.

TASK GROUP 7.4  
OPRS ORDER NO. 6-51  
ANNEX "A"

*These items you should  
scrub up.*

ITEM	DAY	HR	EVENT
✓ 133	U	*0815 H/2:00	Filter sample plus one monitor transported from FRED to ELMER via L-13 (Time of flight dependent upon time WB-29 lands).
<del>134</del>	<del>U</del>	<del>0830 H/2:15</del>	<del>CIC post weather and sea conditions.</del>
<del>135</del>	<del>U</del>	<del>0830 H/2:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
✓ 136	U	*0830 H/2:15	Cas sample bags and monitor transported from FRED to ELMER via H-19 helicopter. <i>Spencer</i>
✓ 137	U	*0830 H/2:15	Filter sample plus one monitor transported from FRED to ELMER by L-13.
✓ 138	U	0900 H/2:45	Director of Materiel inspects <sup>AU</sup> <del>MAVLINE</del> aircraft for damage.
<del>139</del>	<del>U</del>	<del>0900 H/2:45</del>	<del>CIC reports CASSIDY position to AOC.</del>
<del>140</del>	<del>U</del>	<del>*0915 H/3:00</del>	<del>Initiate B. U. Action.</del>
✓ 141	U	*0915 H/3:00	<sup>MMN 100 11MG OMB N14</sup> Helicopter dispatched to NAN, GEORGE and TARE to accomplish Rad/Safe survey and early recovery.
<del>142</del>	<del>U</del>	<del>0930 H/3:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
143	U	0930 H/3:15	CIC posts weather and sea conditions. * *
<del>144</del>	<del>U</del>	<del>1000 H/3:45</del>	<del>CIC reports CASSIDY position to AOC.</del>
145	U	*1015 H/4:00	CIC receives JTF SEVEN directive and passes it to AOC. Reference WILSON #3, WB <sup>50</sup> cloud tracker. * *
<del>146</del>	<del>U</del>	<del>*1015 H/4:00</del>	<del>Two (2) B-50 HARDTIME aircraft scheduled to depart ENIWETOK for GUAM. Third HARDTIME aircraft will depart for GUAM after crater photo mission is accomplished.</del>

\*Items so marked will maintain same H-Hour factor. In the event of H-Hour time change, adjust clock time.

TASK GROUP 7.4  
OPRS ORDER NO. 6-52  
ANNEX "A"

ITEM	DAY	HOOR	EVENT
<del>147</del>	<del>U</del>	<del>1030 H/4:15</del>	<del>CIC posts weather and sea conditions.</del>
<del>148</del>	<del>U</del>	<del>1030 H/4:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
<del>149</del>	<del>U</del>	<del>1100 H/4:45</del>	<del>CIC reports CASSIDY position to AOC.</del>
✓ 150	U	*1115 H/5:00	Relieve <sup>cic/AOC**</sup> CIC Enlisted Crew.
✓ 151	U	*1115 H/5:00	CIC checks with JOC Rad/Safe for recommendation concerning crater photography.
<del>152</del>	<del>U</del>	<del>1130 H/5:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
<del>153</del>	<del>U</del>	<del>1200 H/5:45</del>	<del>CIC reports CASSIDY position to AOC.</del>
✓ 154	U	*1215 H/6:00	WB-59 cloud tracker begins 12 hour post-shot rad/safe mission. <i>later? &amp; facts</i>
<del>155</del>	<del>U</del>	<del>1230 H/6:15</del>	<del>CIC posts weather and sea conditions.</del>
<del>156</del>	<del>U</del>	<del>1230 H/6:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
<del>157</del>	<del>U</del>	<del>1300 H/6:45</del>	<del>CIC reports CASSIDY position to AOC.</del>
<del>158</del>	<del>U</del>	<del>1330 H/7:15</del>	<del>CIC posts weather and sea conditions.</del>
<del>159</del>	<del>U</del>	<del>1330 H/7:15</del>	<del>CIC reports CASSIDY position to AOC.</del>
✓ 160	U	*1335 H/7:20	<sup>Sample return AC</sup> FLY-AWAYS 1 and 2 depart FRED for ZI with samples aboard.
<del>161</del>	<del>U</del>	<del>1400 H/7:45</del>	<del>CIC reports CASSIDY position to AOC.</del>
✓ 162	U	*1420 H/8:05	<sup>GAMES</sup> Bottle gas samples transported from FRED to ELMER via L-13 (or possibly H-19). H-19 will be required if a bag sample is involved.
<del>163</del>	<del>U</del>	<del>1430 H/8:15</del>	<del>CIC posts weather and sea conditions.</del>

SAMPLING IS FINISHED SOMEWHERE IN HERE & ALL A/C ARE ON GROUND @ FRED

7.1 will have to give us requirements

\*Items so marked will maintain same H-Hour factor. In the event of H-Hour time change, adjust clock time.

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "A"

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ITEM	DAY	HOUR	EVENT
<del>164</del>	U	1430 H/8:15	<del>CIC reports CASSIDY position to AOC.</del>
✓ 165	U	1430 H/8:15	CTG 7.4 and Senior Controller return to ENIWETOK. - <i>Depends on HonorTare strip cond.</i>
✓ 166	U	*1430 H/8:15	One monitor plus 100 lbs of liquid samples (2 cu ft) transported from FRED to ELMER via L-19. <i>SAMEO</i>
<del>167</del>	U	1500 H/8:45	<del>CIC reports CASSIDY position to AOC.</del>
168	U	1530 H/9:15	CIC posts weather and sea conditions.
<del>169</del>	U	1530 H/9:15	<del>CIC reports CASSIDY position to AOC.</del>
✓ 170	U	1700 <i>ANNEX be earlier</i>	ENIWETOK open to normal traffic.
✓ 171	U	*2200 H/15:45	CIC advised of tracks for third WB-50 (WILSON 4) cloud tracking mission. Information passed to AOC through CIC, or from ELMER by telephone. * *
✓ 172	U/1	0730	Execute maintenance plan.
✓ 173	U/1	0800 H/25:45	Telemeter shot film records transported on <del>BY</del> <i>SATA</i> or C-47 from NAN to FRED.
✓ 174	U/1	*0815 H/26:00	CIC advised of tracks for fourth WB-50 (WILSON 5) cloud tracking mission. Information passed to AOC through CIC or from ELMER by telephone. * *
✓ 175	U/1	1000	Transport gas samples plus courier and baggage from ELMER by H-19. These samples are destined for ZI via FLY-AWAY 3. <i>SAMEO</i>
✓ 176	U/1	1200	<i>SAMEO ATN.</i> FLY-AWAY #3 departs FRED for ZI with samples aboard.
> ✓ 177	U/2	0800	Commander's Operational Briefing.
<del>178</del>	U/2	0800	<del>Post mission inspection to determine extent of any aircraft damage begins.</del>

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TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "A"



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<u>ITEM</u>	<u>DAY</u>	<u>HOUR</u>	<u>EVENT</u>
✓ 179	U/2	0800	Decontamination of aircraft begins in accordance with established priority schedule.
✓ 180	U/2	1330	Unit Commanders report the operational status of their aircraft to CTG 7.4.
✓ 181	U/2	1500	Post-mission critique. Analysis of forecast weather (continues until completed).
✓ 182	U/2	1600	B-36 and scientific team meet to discuss UNION mission (continues until completed).

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TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "A"

A-12

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Annex B

ANNEX B

TO

OPERATIONS ORDER NO. 6-54

AIRCRAFT PARKING PLAN

(Limited distribution to be issued separately)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX B

B

Annex "D"

ANNEX "D"

TO

OPERATIONS ORDER NO. 6-54

AIRCRAFT H-HOUR POSITIONS AND FLIGHT PATTERNS

(TO BE ISSUED AT A LATER DATE)

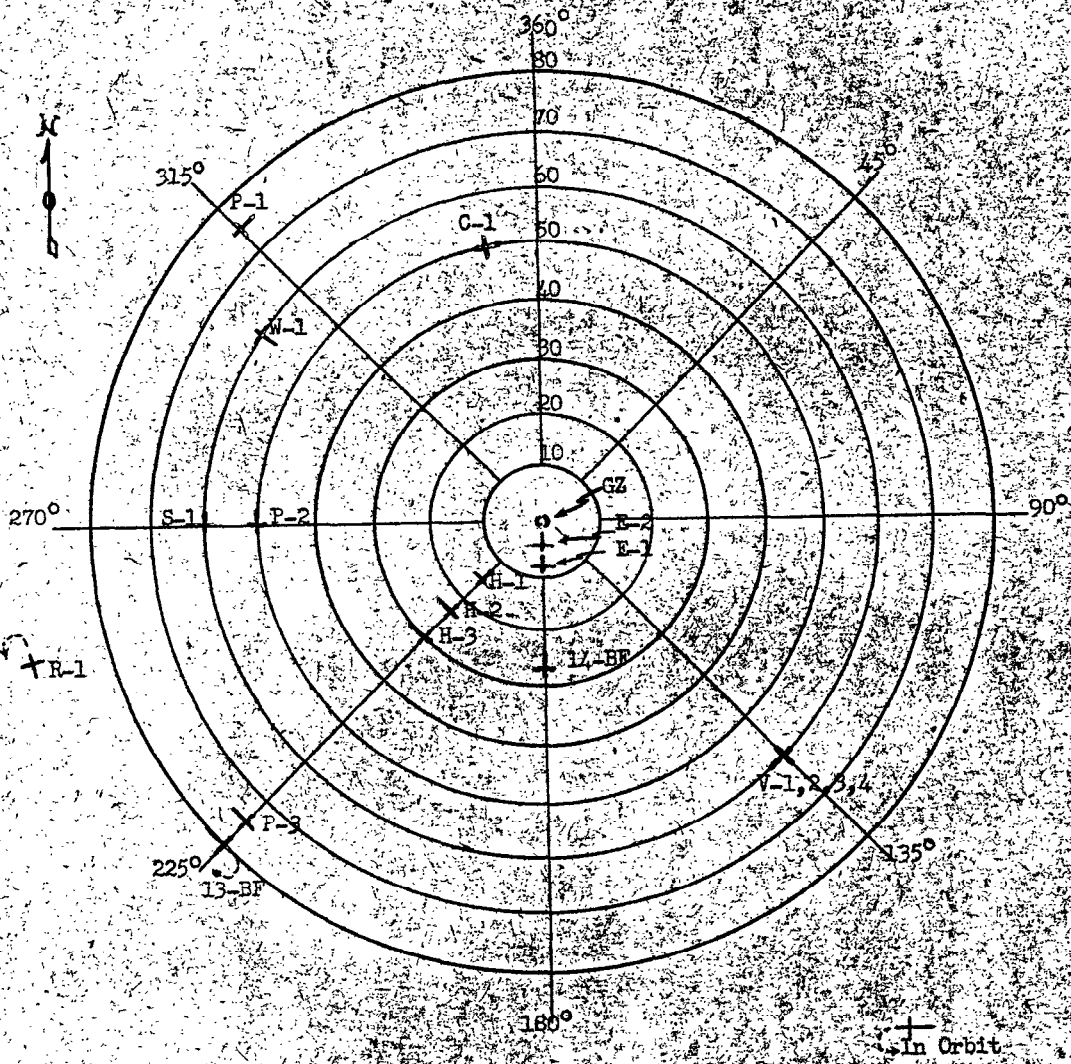
TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "D"

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APPENDIX 1  
TO  
ANNEX D  
OPERATIONS ORDER NO. 6-54



TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX D, APNDX 1

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APPENDIX 2  
TO  
ANNEX D  
TO  
OPERATIONS ORDER NO. 6-54

H-HOUR A/C FLIGHT PLANS

<u>AIRCRAFT</u>	<u>RANGE</u>	<u>AZIMUTH</u>	<u>ATT</u>	<u>TAS</u>	<u>ALT (Thousand)</u>	<u>ROUTE</u>
ELAINE 2 B-47	48,240 ftX	180°	Tail	430K	35 Absolute	Direct to Orbit position
ELAINE 1 B-36	50,000 ft	180°	Tail	270K	37 Absolute	Direct to Orbit position
CASSIDY 1 B-36 Control	50 NM X	350°	L Side	250K	40	Direct to Orbit position
HARDTIME 1 B-50 #1	15 NM X	225°	Tail	280K	32 Absolute	Direct to Orbit position
HARDTIME 2 B-50 #2	23 NM X	225°	L Side	280K	31 Absolute	Direct to Orbit position
HARDTIME 3 B-50 #3	30 NM X	225°	L Side	280K	30 Absolute	Direct to Orbit position
PEWTER 1 C-54 #1	75 NM X	315°	L Side	170K	14	Direct to Orbit position
PEWTER 2 C-54 #2	50 NM X	270°	L Side	170K	10.5	Direct to Orbit position
PEWTER 3 C-54 #3	75 NM X	225°	L Side	170K	12.5	Direct to Orbit position
STABLE 1 SA-16	60 NM X	270°	Orbit	120K	9.5	Direct to Orbit position
WILSON 1 WB-29	60-65 NM X	305°	Tail	210K	25	T.O. H-4 on ENIWETOK Weather Survey proceed to Command Ship to arrive at H-1:50
REFLECTOR 1 C-47	120 NM X	255°	Orbit	130K	8.5	Direct to Orbit position
13 BABYFOOD P2V 5	80 NM X	225°	Orbit	---	7.5	Direct to Orbit position
14 BABYFOOD P4Y 2	26 NM X	180°	Tail	---	8	Direct to Orbit position
VIKING 1 C-97	60 NM X	135°	L Side	---	10	Direct to Orbit position
VIKING 2 C-54	60 NM X	135°	L Side	---	11	Direct to Orbit position
VIKING 3 C-121	60 NM X	135°	L Side	---	12	Direct to Orbit position
VIKING 4	60 NM X	135°	L Side	---	9	Direct to Orbit position

TASK GROUP 7.4  
CPRS ORDER NO. 6-54  
ANNEX D, APNDX 2

D2-1



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Published 1600 Hours, 13 April 1954

ANNEX C  
TO  
OPERATIONS ORDER NO. 6-54

<u>Call Sign</u>	<u>Pre-position</u> <u>U-1</u>	<u>Tow to</u> <u>Position</u>	<u>Runup</u> <u>Position</u>	<u>Start</u> <u>Engines</u>	<u>Position</u> <u>1</u>	<u>Position</u> <u>2</u>	<u>Position</u> <u>3</u>	<u>Position</u> <u>4</u>	<u>Position</u> <u>5</u>	<u>Position</u> <u>6</u>	
	Not earlier than	Not later than									
13 Baby Food	NR	NR	NR	RW	0100	0115	0141	0158	1415	1445	1515
Wilson 1	NR	NR	0045	In Place	0055	0125	0300	0425	0845	0910	0935
Elaine 1	1300	1320	NR	In Place	0105	0135	0210	0233	0617	0645	0738
Pewter 3	1520	1540	NR	RW	0132	0145	0222	0254	0815	0847	0917
Pewter 1	1540	1600	NR	RW	0142	0155	0230	0305	0715	0750	0830
Pewter 2	1600	1620	NR	RW	0152	0205	0241	0258	0745	0802	0832
14 Baby Food	NR	NR	NR	RW	0200	0220	0300	0335	0625	0700	0750
Hard Time 1	1440	1500	NR	RW	0215	0235	0430	0456	0620	0645	0805
Hard Time 2	1420	1440	NR	RW	0230	0250	0430	0454	0620	0645	0810
Hard Time 3	1400	1420	NR	In Place	0235	0255	0430	0452	0630	0712	0815
Elaine 2	NR	NR	0251	RW	0305	0320	0335	0350	0615	0640	0710
Cassidy	1320	1340	0135	In Place	0300	0330	0400	0445	1315	1445	1527
Stable 1	NR	NR	NR	RW	0335	0350	0435	0443	1215	1400	1441
Viking 1	1640	1700	NR	RW	0345	0400	0437	0512			
Viking 2	1700	1720	NR	RW	0350	0405	0442	0521			
Viking 3	1720	1740	NR	RW	0355	0410	0447	0522			
Reflector	NR	NR	NR	RW	0415	0430	0510	0510	1015	1015	1059
Tiger Sniffer 1 & 2	NR	NR	0525	RW	0557	0605	0646	0700	0855	0809	0840
Stable 2	NR	NR	NR	RW	0553	0622	0707	0723	1215	1255	1335
Wilson 3	NR	NR	0625	In Place	0635	0705	0745	0815	1410	1440	1510
Wilson 2	NR	NR	0640	In Place	0650	0720	0755	0815	1745	2045	2115
Tiger Red 1 & 2	NR	NR	0645	RW	0718	0726	0742	0802	0855	0920	0945
Floyd 1	NR	NR	0635	In Place	0705	0735	0853	0945	1115	1148	1215
Tiger Red 3 & 4	NR	NR	0705	RW	0736	0743	0759	0820	0915	0941	1006
Tiger White 1 & 2	NR	NR	0730	RW	0801	0809	0824	0850	0945	1014	1039
Tiger White 3 & 4	NR	NR	0755	RW	0827	0835	0851	0920	1015	1044	1109
Floyd 2	NR	NR	0738	In Place	0820	0850	0915	1015	1145	1230	1315
Tiger Blue 1 & 2	NR	NR	0835	RW	0906	0914	0930	1000	1115	1150	1214
Tiger Blue 3 & 4	NR	NR	0855	RW	0926	0934	0947	1030	1145	1211	1236

Stable 3 - STAND-BY

NR - Not Required

RW - Run-Way



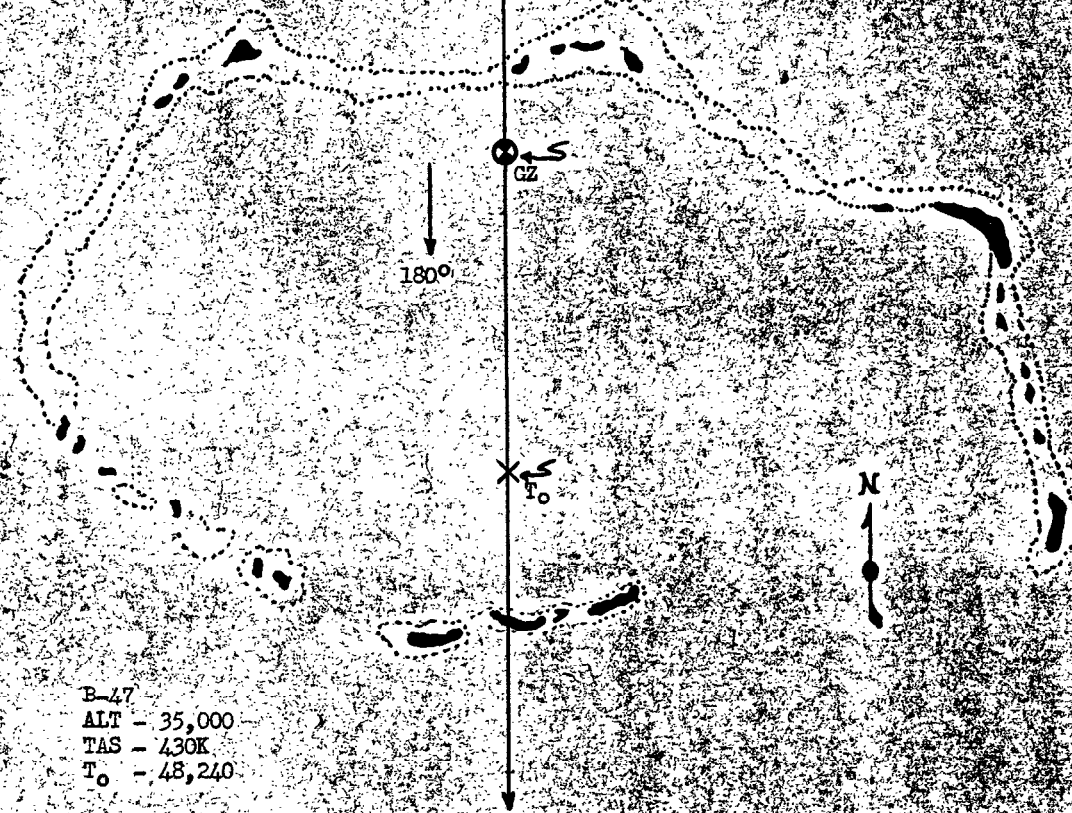
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APPENDIX 3  
TO  
ANNEX D  
OPERATIONS ORDER NO. 5-54  
B-47 FLIGHT PATTERN

Wind-Box  
Pattern

40 NM Straight  
in Approach



B-47  
ALT - 35,000  
TAS - 430K  
T<sub>0</sub> - 48,240

TASK GROUP 7.4  
OPRS ORDER NO. 5-54  
ANNEX D, APNDX 3

Declassified  
DOD DIR 5200.10

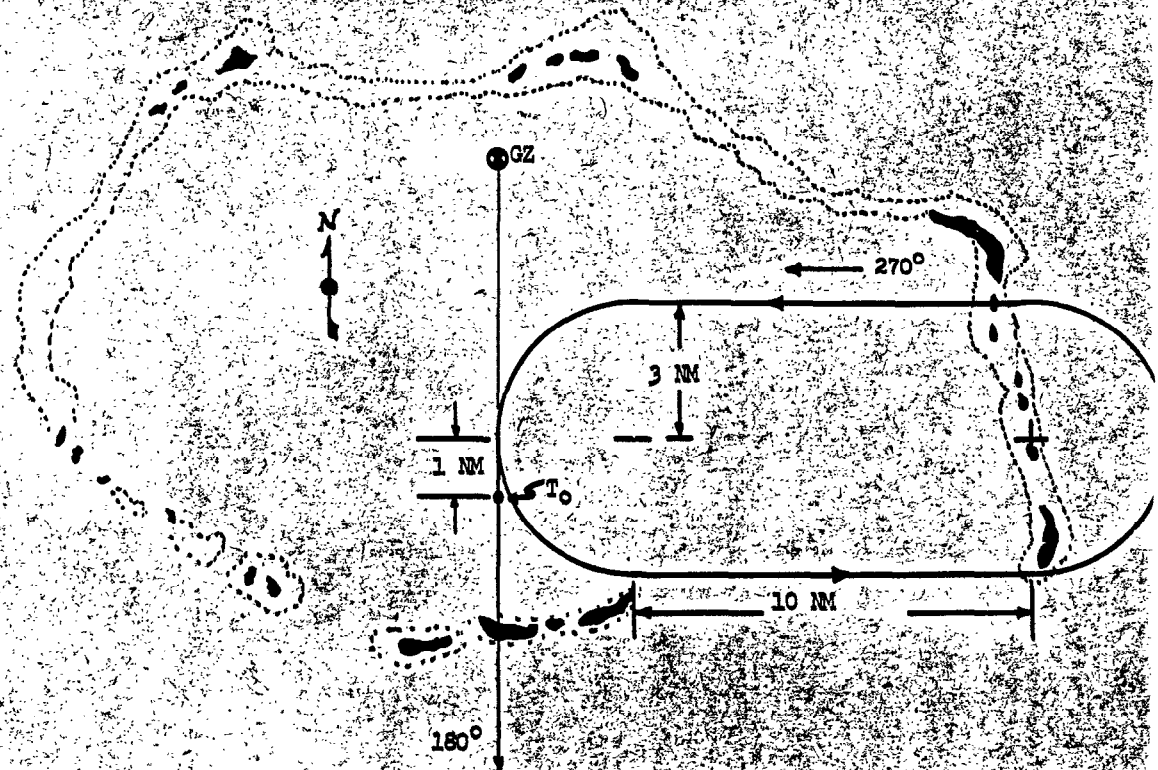
D3-1

Declassified  
DOD DIR 5200.10

Declassified  
DDO DIR 5200.10

Declassified  
DDO DIR 5200.10

APPENDIX 4  
TO  
ANNEX D  
OPERATIONS ORDER NO. 5-54  
B-36 FLIGHT PATTERN



B-36  
ALT - 37,000 ft  
TAS - 270K  
T0 - 50,000

TASK GROUP 7.4  
CPRS ORDER NO. 5-54  
ANNEX D, APNDX 4

Declassified  
DDO DIR 5200.10

D4-1

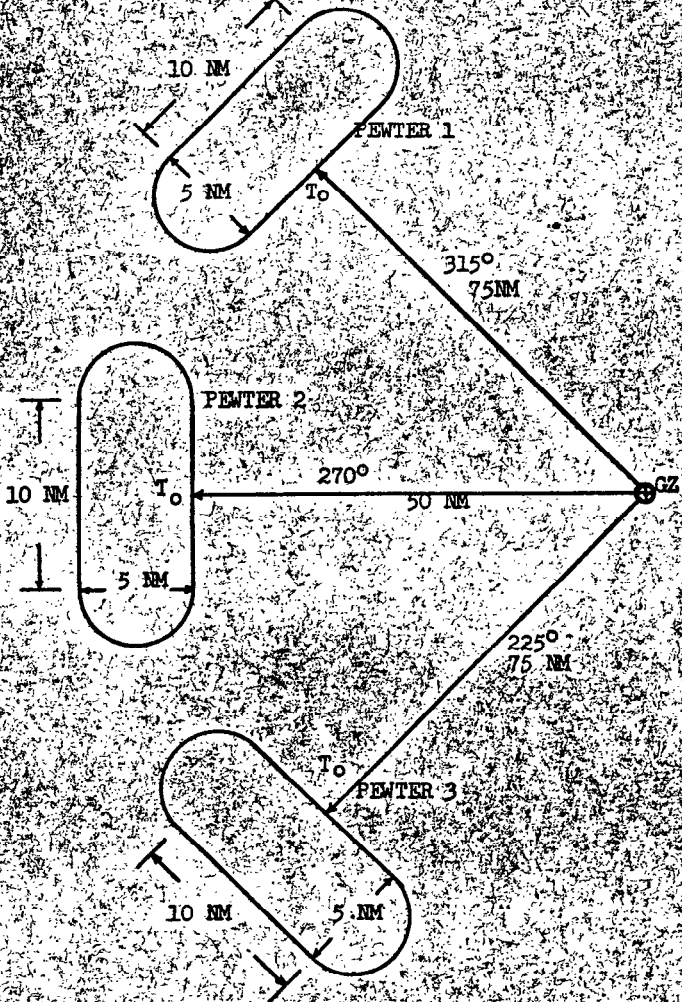
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DDO DIR 5200.10

Declassified  
DDI 5-09-10

~~SECRET~~

Declassified  
DDI 5200.10

APPENDIX 5  
TO  
ANNEX "D"  
C-54 FLIGHT PATTERNS



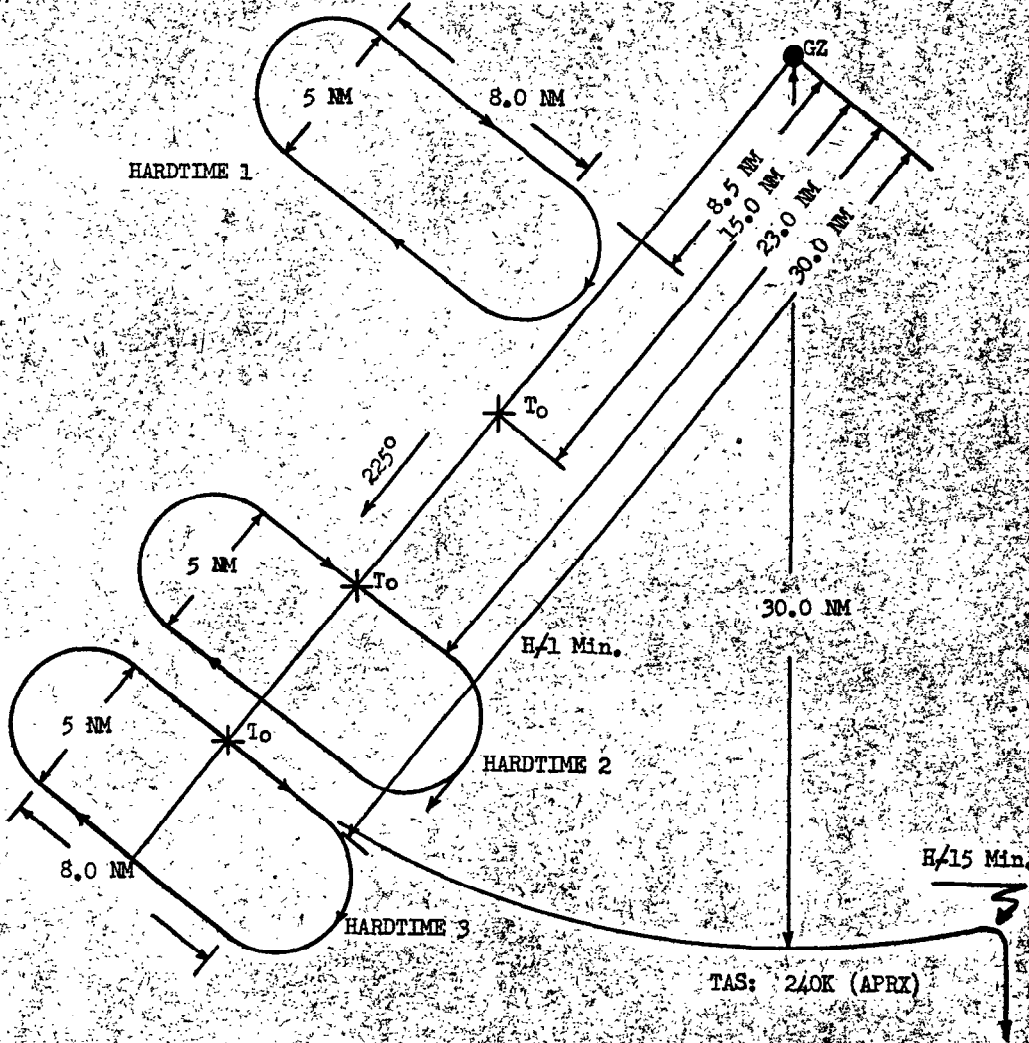
TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX D, APNDX 2

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DDI 5200.10

D4-1

Declassified  
DDI 5200.10





TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX D, APNDX 6

APPENDIX 7

TO  
ANNEX D  
VIKING FLIGHT PATTERNS

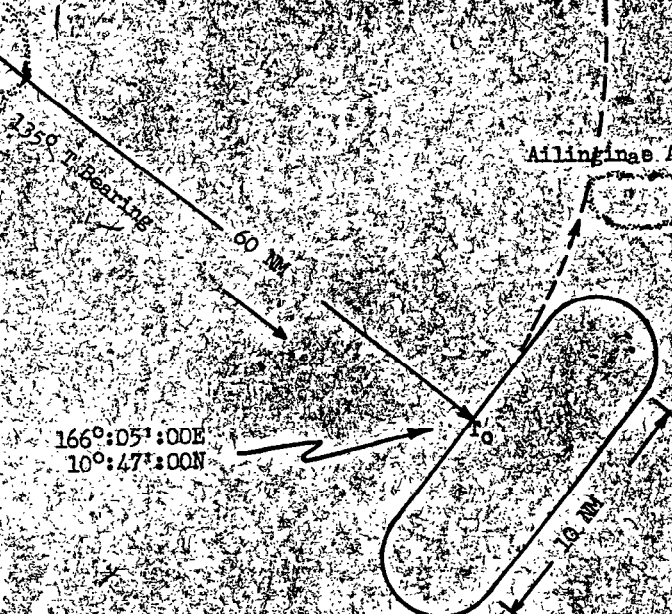
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DOD DIR 5200.10

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Bikini Atoll

Rongelap Atoll

Ailinginae Atoll



Standard righthand race track pattern. Ten minute legs. All aircraft at different altitudes.

TASK GROUP 7.4  
CFRS ORDER NO. 6-54  
ANNEX D, APNDX 7

Declassified  
DOD DIR 5200.10

Declassified  
DOD DIR 5200.10

Annex "E"

ANNEX "E"

TO

OPERATIONS ORDER NO. 6-54

COMMUNICATIONS

(TG 7.4 OPRS ORDER 2-54 & 4-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "E"

"E"



D D

ANNEX "F"

ANNEX "F"

TO

OPERATIONS ORDER NO. 6-54

SAR PLAN

(TG 7.4 OPS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPS ORDER NO. 6-54  
ANNEX "F"

F

ANNEX "G"

ANNEX "G"

TO

OPERATIONS ORDER NO. 6-54

CONTROL RL-36 FLIGHT PROCEDURES

(TG 7.4 OPS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "G"

"G"

ANNEX "H"

ANNEX "H"

TO

OPERATIONS ORDER NO. 6-54

F-84 SAMPLER FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX "H"

H

Annex I

ANNEX I

TO

OPERATIONS ORDER NO. 6-54

B-36 EFFECTS FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX I

I

ANNEX J

ANNEX J

TO

OPERATIONS ORDER NO. 6-54

B-47 EFFECTS FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX J

ANNEX K

ANNEX K

TO

OPERATIONS ORDER NO. 6-54

B-36 HI-ALTITUDE SAMPLER FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX K

K



ANNEX L

ANNEX L

TO

OPERATIONS ORDER NO. 6-54

C-54 PHOTO FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX L

L

ANNEX M

ANNEX M

TO

OPERATIONS ORDER NO. 6-54

WB-29 WEATHER AND RAD SAFE FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX M

M

ANNEX N

ANNEX N

TO

OPERATIONS ORDER NO. 6-54

DECONTAMINATION PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX N

N

ANNEX O

ANNEX O

TO

OPERATIONS ORDER NO. 6-54

B-50 IBDA FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX O

O

ANNEX P

ANNEX P

TO

OPERATIONS ORDER NO. 6-54

C-47 RELAY FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX P

P

ANNEX Q

ANNEX Q

TO

OPERATIONS ORDER NO. 6-54

OBSERVER AIRCRAFT FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX Q



ANNEX R

ANNEX R

TO

OPERATIONS ORDER NO. 6-54

SAMPLE RECOVERY PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX R

R

ANNEX S

ANNEX S

TO

OPERATIONS ORDER NO. 6-54

AOC PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX S

S

ANNEX T

ANNEX T

TO

OPERATIONS ORDER NO. 6-54

CIC PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX T

T

ANNEX U

ANNEX U

TO

OPERATIONS ORDER NO. 6-54

CONTROL DESTROYER PROCEDURES

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX U

U

ANNEX V

ANNEX V

TO

OPERATIONS ORDER NO. 6-54

AIRCRAFT ABORT CRITERIA

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX V

V

ANNEX W

ANNEX W

TO

OPERATIONS ORDER NO. 6-54

MULTI-ENGINE AIRCRAFT RAD SAFE REPORTING CODE

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX W

W



ANNEX X

ANNEX X

TO

OPERATIONS ORDER NO. 6-54

BRIEFINGS

(TG 7.4 OPRS ORDER 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX X

X

ANNEX Y

ANNEX Y

TO

OPERATIONS ORDER NO. 6-54

NAVY AIRCRAFT FLIGHT PROCEDURES

(TG 7.4 OPRS ORDER NO. 2-54 APPLIES)

TASK GROUP 7.4  
OPRS ORDER NO. 6-54  
ANNEX Y

Y