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HEADQUARTERS
TASK GROUP 7.1
Joint Task Force SEVEN
APO 437, P. O. Box 1
San Francisco, California

4695JFE

27 June 1956

SUBJECT: Operational Letter MOHAWK-6 - Re-entry and Recovery

TO: Distribution

1. GENERAL: This letter with inclosure represents the Task Group 7.1 MOHAWK Day through MOHAWK #2 re-entry and recovery plan.

2. COORDINATION AND CONTROL:

a. TG 7.1 J-3, Eniwetok Atoll, Site Elmer, under the direction of CTG 7.1 is responsible for coordination and supervision of the activities in this re-entry and recovery for all 7.1 Task Units, Programs and Projects at Eniwetok Atoll.

b. At "H" hour the main TG 7.1 J-3 Office will be operating in room No. 7 Bldg. 209, Parry (Elmer).

c. To assist re-entry TG 7.1 J-3 Parry (Elmer), will have a representative at the Parry (Elmer) Airstrip during recoveries involving aircraft.

d. Before proceeding to the Rad-Safe Center, all recovery party leaders should contact J-3 Parry (Elmer) at least one hour prior to the published departure time to determine if existing conditions permit recovery at listed time and to firm up last minute details concerning the proposed recovery.

e. Recovery missions requiring boat support will be coordinated with TG 7.1 J-3 Office Parry (Elmer).

f. The attached Re-entry and Recovery Check List has been prepared on the basis of information provided by all activities. If changes are considered necessary contact J-3 Office Parry (Elmer), (phone 161-162-163-POGO, Operations or UCRL nets).

3. SITUATION SURVEY:

a. An initial situational survey by helicopter will be made by CTG 7.1 (accompanied by the TG 7.1 Rad-Safe Officer) beginning about H+2 hours and upon completion will provide the following information:

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John F. Bily
DATE: 30 Aug 94

HRE-0597

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- (1) Radiological contamination levels at those points needed in establishing a recovery time table.
- (2) Estimate of damage to the major installations cited in the re-entry and recovery plan.

b. If necessary, a detailed Rad-Safe survey will be made later on D-Day. This survey will provide detailed radiological information for those areas which the initial survey indicated levels too high for re-entry or recovery.

c. Further Rad-Safe surveys will be made on D_f1 and D_f2 as necessary.

4. RECOVERY SCHEDULE: The recovery times listed in the inclosure are times desired by the projects. The actual recovery time table will be drawn up by direction of CTG 7.1 on the following basis:

- a. The maximum radiation dose allowable for this event in view of the total number of recoveries the personnel must make during this operation.
- b. The urgency of obtaining the data.

5. RAD-SAFE CONTROL:

a. The Rad-Safe Center and Decontamination Station is located near the Airstrip and Personnel Pier on Parry (Elmer). All recovery teams entering contaminated areas will process through the Rad-Safe Center prior to departure.

b. Upon return from a contaminated area, aircraft recovery teams will land at the airstrip and will proceed at once to the Rad-Safe Decontamination Station. Boat recovery teams will disembark at the Marine Ramp, or Personnel Pier (depending on the type of boat) and will then proceed to the Rad-Safe Decontamination Station.

6. BRIEFING: Prior to departure, each recovery team involving aircraft should meet with the J-3 representative and pilot at the airstrip to ensure that all concerned understand the manner in which the mission is to be executed.

7. SUPPORT:

a. AIRCRAFT:

Ltr fm CTG 7.1 to Dist, 469 JFB, subj: Operational Letter MOHAWK-6 - Re-entry and Recovery, dtd 27 June 1956 (Cont'd)

- (1) CTG 7.4 has been requested to make 4 helicopters available at Parry (Elmer) Airstrip on call at approximately 0615 hours on D-Day for possible emergency evacuation of six personnel at the manned station on Aniyaanii (Bruce), for Rad-Safe survey and later for recovery missions.
- (2) CTG 7.4 has been requested to make available on call to TCA Parry (Elmer) L-20 aircraft as may be required.

b. BOAT: All boat and DUKW requirements listed in the inclosure will be arranged for by J-3 Elmer.

c. VEHICLE AND TRAILERS: All vehicles and trailers on Eniwetok Atoll, except those located on Eniwetok (Fred), Japtan (David) and Aniyaanii (Bruce), will be evacuated to Parry (Elmer) prior to D-Day and are not scheduled for re-entry.

FOR THE COMMANDER:



E. A. LUCKE
J-3, TG 7.1
Site Elmer

1 Incl:
Re-entry and Recovery
Check List

JFF/jtm

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DISTRIBUTION:

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1 - CTG 7.4 (Huston)	12 - Historian 7.1 (Billings)
1 - CTG 7.4 (Nash)	2 - M&R
1 - CTG 7.5 (Spain)	
15 - CTG 7.5 (Kaiserman)	
1 - CTG 7.5 (Adair)	
1 - D/A (Curry)	
1 - D/UCRL (Sewell/Gibbins)	
1 - D/DOD (Woodward)	
1 - TG 7.1 Class (Smith)	
1 - J-1 Elmer (Whitaker)	
1 - J-1 Elmer Mil Exec (Cruise)	
1 - Hq Comdt (Lands)	
8 - J-3 Elmer (Lucke)	
2 - J-3 Man (Kerwin)	
1 - J-4 Elmer (VanGemert)	
6 - J-6 Elmer (Campbell)	
2 - L-1 Elmer (Truitt)	
1 - L-4 Elmer (Murphy)	
1 - L-6 Elmer (Bacigalupi)	
1 - Safety 7.1 Elmer (Leider)	
45 - CTU-3 (Coleman)	
1 - CTU-4 (Shuster)	
2 - CTU-5 (Grier)	
1 - CTU-6 (Jenkins)	
1 - CTU-7 (Jacks)	
1 - CTU-8 (Gardner)	
1 - CTU-9 (Jaeger)	
2 - CTU-11 (Fairbrother)	
1 - CTU-12 (Hausman)	
1 - Prog 10 (Hoerlin)	

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CHRONOLOGICAL RE-ENTRY AND RECOVERY CHECK LIST

DATE: D-DAY

MOHAWK

<u>NUMBER</u>	<u>TIME</u>	<u>ORGANIZATION</u>	<u>ITEM</u>
1.	0230	JTF	JTF-7 Final Weather Briefing.
2.	H-30 mins	21.2	From Fred Airstrip Sample Controller B-57 takes off.
3.	H-30 mins	21.2	By LCM, 3 man (J. Hum, N. Bonner and H. Di Grazia) with 3/4 ton truck from Elmer to Fred. LCM released upon arrival at Fred.
4.	H-Hr	JTF	Detonation.
5.	H-Hr	Prog 5	The following Program 5 aircraft are scheduled to participate in MOHAWK: (1) B-47 (1) B-52 (1) B-66 (1) B-57 (2) F84Fs (1) F101A (1) A3D-1
6.	H-Hr	9.1	Three photographic aircraft will participate. 1. CARTER 1, 70 nautical miles East of GZ, flying 15 minute race track pattern, starting altitude 20,000'. 2. CARTER 2, 70 nautical miles South of GZ, flying 15 minute race track pattern, starting altitude 20,000'. 3. CARTER 3, 50 nautical miles West of GZ, flying 15 minute race track pattern, starting altitude 20,000'.
7.	H/5 mins	21.2	Four (4) B-57s and two (2) F-84s depart Fred Airstrip at 5 minute intervals for sampling mission.
8.	H/30 mins	J-4	By LCM, Sample return team (Maj Johnson, Mr. Van Gemert, Sgt Morgan) with 2 jeeps from Elmer to Fred Airstrip. LCM released upon arrival at Fred.

Incl No. 1

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DATE: D-DAY (Cont'd)

MOHAWK

<u>NUMBER</u>	<u>TIME</u>	<u>ORGANI ZATION</u>	<u>ITEM</u>
9.	H/1 Hr	21.2	Sample Controller B-57, Two (2) F-84s and four (4) B-57s return to Fred Airstrip. Samples for Flyaway No. 1 and Elmer analysis removed.
10.	H/1½ Hrs	21.1 21.3	By copter 1 man, (N. Bonner) with 300% of cloud samples from Fred Sample Compound to the Elmer Airstrip. Samples turned over to Project truck upon arrival. Several shuttles will be required.
11.	H/1½ Hrs or ASAP	4.1	By LCM, 5 men (R.S. Fixott in charge, E. Richey, R. Hannaford, S. Brois, H. Harris) with 3/4 ton truck depart DAVID for STATION 77 (YVONNE) to recover animals from exposure site. Approximate time on YVONNE 45 minutes. Return to DAVID. LCM released upon arrival at DAVID.
	H/2 Hrs or ASAP (Cont)		<u>CONTINGENCY:</u> IN CASE OF CONTAMINATION Party of 4 men (R.S. Fixott in charge) to proceed in two copters to Station 77 (YVONNE) from DAVID with animal containers to retrieve animals at exposure site. Approximate time at site, 30 minutes. Upon loading both copters return to DAVID. Copters released on return to DAVID.
12.	H/2 Hrs (Pre-Entry)	CTG 7.1 TU-7	By copter, four (4) men (G. Felt, G. Jacks, D. Sewell, F. Cole) depart Elmer to conduct pre-entry radiological and damage survey of Eniwetok Atoll. Copter to be released at Elmer upon completion. Total time - 2 hrs.
13.	H/2 Hrs	TG 7.5	By copter, 1 man (H. Wood) from Elmer to the Ursula baseball field to check nearby powerhouse. Working time 20 minutes. Copter released upon return to Elmer. Copter to orbit while Wood is in powerhouse.
14.	H/2 Hrs	16.3 AFOAT-1	By LCM, 6 men (R. Partridge, D. Lawrence, L. Block and J. Kemper of 16.3; A. Diede and G. Jean of AFOAT-1) with two (2) jeeps from Bruce to Elmer. Monitor: D. Lawrence

Communications: Telephone and POGO radio.

Note: 2 copters will stand by on Elmer in case of emergency evacuation.

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DAY: D-DAY (Cont'd)

MOHAWK

<u>NUMBER</u>	<u>TIME</u>	<u>ORGANI ZATION</u>	<u>ITEM</u>
15.	H/3 Hrs	EG&G	By copter, 2 men (C. Hatch and J. Filtz) from Elmer to Wilma for film recovery. Working time 20 minutes. Copter to stand by. From Wilma to Yvonne (Station 77) for film recovery. Working time approximately 10 minutes. Copter to stand by. Copter released upon return to Elmer. Monitor: C. Hatch.
16.	H/3 Hrs	EG&G	By LCM, 2 men (W. Hart and L. Mohony) from Elmer to Mack to recover film. Working time 30 minutes. LCM to stand by for pickup and return to Elmer. LCM released upon arrival at Elmer. Monitor: L. Mohony.
17.	H/3 Hrs	2.65	By copter, two men (J.P. Johnson in charge, P. Trivitse) depart Elmer airstrip with 200 lbs aerial survey equipment to survey islands close to shot island with probe suspended from copter.
18.	H/3 Hrs	23.3	By copter, 3 men (J. Blades, O. Turpen and W. Moran) from Elmer to Tilda (Station 2301) to open access door. Personnel to carry hand tools (crow bars, pipe lengths, etc.). Work will take approximately 45 minutes. Copter will orbit until called back by signal flare for pickup and return to Elmer. Copter released upon arrival at Elmer. Monitor: J. Blades.
19.	H/3½ Hrs	23.3	By copter, 3 men (D. Born, C. Curry and C. Schrader) from Elmer to Tilda (Station 2301) to recover films. Work will require 40 minutes. Personnel will bring out one (1) cassette (40 lbs) and one 3 lb. box containing strip film. Copter will orbit, pickup party on signal and return to Elmer. Copter released upon arrival at Elmer. Monitor: D. Born.
20.	H/4 Hrs	23.3	By copter, 3 men (H. Keller, H. Furomoto and G. Epprecht) from Elmer to Tilda (Station 2301) to pick up remaining cassette. Work will require 10 minutes. Copter will stand by for pickup and return to Elmer. Copter released upon arrival at Elmer. Monitor: H. Furomoto.
21.	H/4 Hrs	22.1	By copter, 3 men (E. Woodward, W. Woodruff and H. Forrest) with hand tools from Elmer to Sally (Station 2201) to open steel outer door, enter Station and <u>unfasten</u> lead inner door. Copter will orbit, pickup party on signal and return to Elmer. Copter released upon arrival at Elmer. Forrest is Monitor. Time in Station - 20 minutes.

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DATE: D-DAY (Cont'd)

MOHAWK

<u>NUMBER</u>	<u>TIME</u>	<u>ORGANI- ZATION</u>	<u>ITEM</u>
22.	H/4 $\frac{1}{2}$ Hrs	22.1	By copter, 3 men (A. Hynes, O. Krause and A. Kongsness) Elmer to Sally (Station 2201) to open lead inner door, unload cameras and put film in 6 or 7 available lead cassettes. Each cassette weighs 50%. Four loaded cassettes will be recovered on this trip. Time in Station, 30 min. Copter will orbit, pickup party on signal and return to Elmer. Copter released upon arrival at Elmer. Kongsness is Monitor.
23.	H/5 Hrs	22.1	By copter, 3 men (H. Francis, A. Jorgensen and J. Paradiso) from Elmer to Sally (Station 2201) to bring out 3 remaining cassettes. Time in Station - 20 minutes. Copter will orbit, pickup party on signal and return to Elmer. Copter released upon arrival at Elmer. Paradiso is Monitor.
24.	H/6 Hrs	21.2	By ICM, 1 man (H. DiGrazia) with 3/4 ton truck from Fred to Elmer. ICM released upon arrival at Elmer.
25.	H/6 Hrs	21.2	Mohawk Flyaway No. 1 departs Fred Airstrip with radioactive samples aboard for CONUS. J. Hum will courier samples.
26.	H/6 Hrs	TU-7	By copter, three (3) men (F. Cole, F. Peters, and H. Miliotes) depart Elmer to conduct radiological survey of Eniwetok Atoll. Copter to be released at Elmer upon completion. Cole in charge. Total time - 2 hours.

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DATE: D/1

MOHAWK

<u>NUMBER</u>	<u>TIME</u>	<u>ORGANI- ZATION</u>	<u>ITEM</u>
1.	0700	TU-7	By copter, three men (Lt W. Brobst, Lt W. Cline, and L. Chelius) depart Elmer to conduct radiological survey of Eniwetok Atoll. Copter to be released at Elmer upon completion. Brobst in charge. Total time, 2 hrs.
2.	0900	2.64	One P2V-5 aircraft from VP-1 (Kwajalein) arrive Fred for installation of project equipment. R. T. Graveson in charge.
3.	1000	2.64	Aircraft takeoff from Fred for aerial surveys at 300 foot altitude as follows: (a) One pass around the Atoll starting north of Elmer and proceeding counterclockwise around the island chain. (Pass will not include Elmer and Fred). (b) Three east-west passes across lagoon area. (c) Aerial survey, outside lagoon and atoll area, to delineate location of fallout.
4.	1300	TU-9	By copter, 3 men (R. Jaeger, K. Hall and J. Minkler) from Elmer to Sally for photographic mission. Time over area 20 minutes. Copter will not land. Copter released upon return to Elmer. Monitor: J. Minkler.
5.	1300	2.65	By copter, two men (J.P. Johnson and P. Tsivitse) depart Elmer airstrip with 200 lbs aerial survey equipment when Rad-Safe situation permits, to survey islands close to shot island with probe suspended from copter.
6.	1300	5.9	By copter, 4 men (Lt C. Cosenza, CDR M. Dahl, LtCol F. O'Brien and TU-8 Photographer) depart Elmer and proceed to Sally for photography of Project 5.9 specimens. Time required approximately 20 minutes. Return to Elmer and copter released on arrival.
7.	1600	2.64	One P2V-5 aircraft return to Fred.

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DATE: D/2

MOHAWK

<u>NUMBER</u>	<u>TIME</u>	<u>ORGANI- ZATION</u>	<u>ITEM</u>
1.	0700	TU-7	By copter, three men (Lt H. Miliotes, Lt F. Peter and Lt J. Skillern) depart Elmer to conduct radiological survey of Eniwetok Atoll. Copter to be released at Elmer upon completion. Miliotes in charge. Total time 2 hours.
2.	0900	2.64	P2V aircraft takeoff from Fred (M. Stangler in charge), for aerial survey at 300 foot altitude as follows: (a) Two passes across Northwest sector of Atoll. (b) Aerial Survey. outside lagoon and atoll area to delineate location of fallout.
3.	1000	2.64	Copter arrive Elmer for installation of project equipment, or earlier if equipment ready and situation permits.
4.	1300	2.65	By copter, two men (J. P. Johnson in charge) depart Elmer airstrip with 200 lbs aerial survey equipment when Rad-Safe situation permits, to survey islands close to shot island with probe suspended from copter.
5.	1400	2.64	Copter take off with three men and 200 lbs of equipment. R. T. Graveson - Party leader.
6.	1400- 1600	2.64	Altitude runs at altitudes between 25 and 1000 feet over two islands, with approximately 100 mr/hr at surface. One half mile over deep water away from above islands.
7.	1600	2.64	Return to Elmer for off loading equipment and personnel.
8.	1600	2.64	Aircraft return to Fred to off load project equipment.
9.	1700	2.64	Aircraft return to P-1, Kwajalein.

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