

UNCLASSIFIED

AD NUMBER

AD343713

CLASSIFICATION CHANGES

TO: unclassified

FROM: confidential

LIMITATION CHANGES

TO:
Approved for public release, distribution unlimited

FROM:
Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; 30 JUN 1963. Other requests shall be referred to Department of the Army, ATTN: Public Affairs Office, Washington, DC 20310.

AUTHORITY

OACSFOR D/A ltr dtd 13 Sep 1973; OACSFOR D/A ltr dtd 13 Sep 1973

THIS PAGE IS UNCLASSIFIED

CONFIDENTIAL

AD 343713

DEFENSE DOCUMENTATION CENTER

FOR

SCIENTIFIC AND TECHNICAL INFORMATION

CAMERON STATION, ALEXANDRIA, VIRGINIA



CONFIDENTIAL

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

NOTICE:

THIS DOCUMENT CONTAINS INFORMATION
AFFECTING THE NATIONAL DEFENSE OF
THE UNITED STATES WITHIN THE MEAN-
ING OF THE ESPIONAGE LAWS, TITLE 18,
U.S.C., SECTIONS 793 and 794. THE
TRANSMISSION OR THE REVELATION OF
ITS CONTENTS IN ANY MANNER TO AN
UNAUTHORIZED PERSON IS PROHIBITED
BY LAW.

CONFIDENTIAL

ARMY CONCEPT TEAM IN VIETNAM
APO 143, San Francisco, California

1

11 1 AUG 1963

343713

SUBJECT: Supplement Number 2 to Final Report of Armed Helicopter Test (21).
(1 - 30 June 1963) (U)

TO: See Distribution

This is the second of a series of supplements covering monthly reporting periods which commenced at the end of the Armed Helicopter Test*. This Supplement covers the period 1-30 June 1963.

In accordance with verbal authority from Commander, US Military Assistance Command, Vietnam, ACTIV has continued the collection of data on the operation of armed helicopters in Vietnam. By this means ACTIV will amplify the results of the Armed Helicopter Test and verify, where possible, the data contained in the final report of the test.

The unit that generated the data for this supplement is the Utility Tactical Transport Helicopter Company (UTTHCO). Personnel and equipment status of the UTTHCO is as follows:

DELETED COPY

343713

<u>Personnel</u>	<u>TD Authorization</u>	<u>Present for Duty 30 June</u>
Officers	14	40
Warrant Officers	16	12
Enlisted Men	83	91
<u>Equipment</u>	<u>TD Authorization</u>	<u>On Hand - 30 June</u>
Armed Helicopter, UH-1	25	20

Thomas O. Blakeney
THOMAS O. BLAKENEY
Colonel, Armor
Chief

D D C
RECEIVED
OCT 22 1963
TISIA D

**Operational Evaluation of Armed Helicopters (C)*, Short Title OPENAH, Final Test Report, ACTIV, APO 143, San Francisco, California, 10 May 1963.

This document contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, United States Code, and 794. The transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law.

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

CONFIDENTIAL

**SUBJECT: Supplement Number 2 to Final Report of Armed Helicopter Test
(1 - 30 June 1963) (U)**

DISTRIBUTION:

Commander, US Military Assistance Command, Vietnam	15
Commander-in-Chief, US Army Pacific	5
Commanding General, US Army Combat Developments Command	50
Commanding General, US Continental Army Command	30
Commanding General, US Army Material Command	35
Commanding General, 11th Air Assault Division	5
Commanding General, US Army Support Group, Vietnam	20 (includes 5 for CG USARYIS)
Chief, Military Assistance Advisory Group, Vietnam (Attention Chief, Army Section)	35
Deputy Chief of Staff for Military Operations, Department of the Army	5
Assistant Chief of Staff for Force Development, Department of the Army	10
Deputy Chief of Staff for Logistics, Department of the Army	5
Deputy Chief of Staff for Personnel, Department of the Army	5
Chief of Research and Development, Department of the Army	5
ACTIV Liaison Officer, OACSFOR, Department of the Army	10

CONFIDENTIAL

CONTENTS

Table

1. Selected Mission Data,)
2. Mission Summary 1 - 30 Jun 63,)
3. Target Engagements 1 - 30 Jun 63,)
4. Ground Fire Damage Report Summary 1 - 30 Jun 63,)
5. UH-1 Availability 1 - 30 Jun 63,)
6. Ammunition Expenditure

(C)

CONFIDENTIAL

CONFIDENTIAL

TABLE 1
SELECTED MISSION DATA

<u>Operations</u>	<u>16 Oct 62 to 31 May 63</u>	<u>1 - 30 Jun 63</u>	<u>16 Oct 62 to 30 Jun 63</u>
Number of Missions	120	19	139
Mission Hours	1,164	145	1,309
Combat Support Hours	2,988	416	3,404
UH-1 Sorties (Armed)	2,919	614	3,533
UH-1 Sorties (Transport)	120	195	315
CH-21 Sorties	4,924	733	5,657
CH-34 Sorties	86	60	146
Landing Zones Protected	363	42	405
Eagle Flights Escorted	30	2	32
Med Evac Flights Escorted	17	3	20
 <u>Armament</u>			
Missions in Which Fire Was Returned	101	15	116
7.62mm Rounds Expended	208,520	69,670	278,190
2.75" Rockets Expended	1,667	686	2,353
 <u>Effects</u>			
Estimated Insurgent Casualties (KIA+WIA)	456	70	526
US KIA	2	0	2
US WIA	5	1	6
UH-1s Hit by Insurgent Fire	31	3	34
Number of Hits on UH-1s	43	3	46
UH-1s Disabled by Insurgent Fire	1	0	1
 <u>Aircraft Availability</u>			
Average Number of UH-1s On Hand	20		20
Average Number of UH-1s Flyable	16		17.1
Average Availability Rate	82		89.08

CONFIDENTIAL

CONFIDENTIAL

TABLE 2
MISSION SUMMARY
Dates 1 - 30 June 1963

Date	1 Jun	1 Jun	2 Jun	3 Jun	5 Jun	8 Jun	8 Jun	9 Jun	11 Jun	14 Jun	15 Jun	15 Jun	16 Jun	17 Jun	18 Jun	19 Jun	21 Jun	24 Jun	25 Jun	TOTAL	
Mission Nr	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	139	
UH-1Bs Used (armed)	5	10	5	5	5	5	8	5	8	6	8	8	8	4	5	2	5	5	9	116	
UH-1B Sorties (armed)	40	25	40	15	50	5	70	30	56	44	44	12	27	12	35	2	12	55	40	614	
Combat Support Hours Flown by UH-1Bs	28	29	40	20	19	8	43	20	32	28	29	11	19	6	17	1	12	17	37	416	
CH-21s Escorted	23	20	8	2	16	10	22	20	10	10	19	10	3	0	0	0	3	0	4	180	
CH-21 Sorties	115	105	56	4	64	10	99	52	30	30	76	17	9	0	0	0	18	0	48	733	
CH-34s Escorted	0	0	0	0	0	0	0	0	4	0	0	0	0	0	16	0	0	0	0	20	
CH-34 Sorties	0	0	0	0	0	0	0	0	12	0	0	0	0	0	48	0	0	0	0	60	
UH-1Bs Escorted (transport)	2	0	0	0	0	0	0	0	17	10	0	10	8	7	0	1	0	1	4	60	
UH-1B Sorties (transport)	10	0	0	0	0	0	0	0	51	20	0	14	26	14	0	1	0	11	48	195	
Mr Landing Zones Protected	5	1	1	0	4	1	1	2	1	6	1	2	6	1	2	0	0	0	0	8	42
Mr Medical Evac Missions	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	
Mr Prisoner Pickups	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	4	
Mr Eagle Flights	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	
Mission Duration (hours)	11	6	11	7	9	12	10	5	9	10	6	8	10	2	4	1	7	6	11	145	

CONFIDENTIAL

TABLE 3
TARJET ENCOUNTERS
Dates 1 - 30 June 1963

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL	
Mission Nr	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	139	
Landing Zones Protected	5	1	1	0	4	1	1	2	1	6	1	2	6	1	2	0	0	2	0	0	0	0	0	0	0	8	42
Landing Zones Contested	2	1	1	0	1	0	1	1	0	3	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	3	28
Insurgent Positions Detected In:																											
	Open Fields	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Trees & Wood Line	1	1	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	1	0	0	1	0	0	1	1	
Buildings	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Boats	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Insurgents Seen Flying	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1		
Insurgents Seen Only	1	0	1	0	1	0	1	1	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1		
Insurgent Fires Identified by Type:																											
HTC	1	0	0	0	0	1	0	0	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1		
Automatic Weapon	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1		
Rounds Expended by UH-1B:																											
7.62mm	160	6000	390	0	500	0	27950	7900	0	1800	4450	0	5000	2000	2120	900	500	1600	8800	69	670						
2.75" Rocket	0	38	0	0	0	0	275	72	0	28	61	0	25	0	28	0	0	64	104	686							
Estimated Insurgent Casualties	0	0	0	0	UNK	0	7	4	0	UNK	UNK	0	UNK	UNK	8	2	2	12	35	70							
US Casualties	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
UH-1a Hit/By Hit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		

CONFIDENTIAL

TABLE 4

STATISTICS REPORT — ARMED HELICOPTERS

Ground fire damage report summary

Date a/c hit	A/c alt (ft)	A/c speed (kts)	Nr of passes over same area	Insurgent environment	Clock direction of fire	Est range of source of fire (meters)	Casual- ties sus- tained	Nr of pro- jec- tiles rec'd
17Jun63	600	70	1	Wooded Area	5	400	0	1
17Jun63	400	75	3	Wooded Area	7	200	0	1
19Jun63	300	80	2	Tree-Line	Under a/c	100	1	1

CONFIDENTIAL

TABLE 5

1 - 30 June 1963
UH-1B AVAILABILITY

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. ASSIGNED	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
2. OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. ON HAND	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
4. FLYABLE	18	19	18	18	19	18	19	19	19	18	19	19	18	19	18
5. NON-FLYABLE	2	1	2	2	1	2	1	1	1	2	1	1	2	1	2
6. ORG MAINT	0	0	0	1	1	1	1	1	1	2	1	1	1	0	0
7. FIELD MAINT	2	1	2	1	1	1	0	0	0	0	0	0	1	1	2
8. EDP	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
9. \$ AVAILABLE	90	95	90	90	95	90	95	95	95	90	95	95	90	95	90

CONFIDENTIAL