

HEADQUARTERS, MARINE AIRCRAFT GROUP-13  
1st Marine Aircraft Wing, FMF, Pacific  
FPO San Francisco 96602

3:AMC:cr  
5750  
Ser:0029-66  
APR 9 1966

MAG-13	
S&C #	66 386
COPY	1 OF 6 COPIES

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From: Commanding Officer  
To: Commanding General, 1st Marine Aircraft Wing  
Subj: Command Chronology Period 1-31 March 1966 (U)

Ref: (a) MCO 5750.2  
(b) WGO 5750.1A

1. In accordance with references (a) and (b), the subject report is hereby submitted.
2. Upon removal from the subject report this letter is downgraded to unclassified.

*O E Howe*

O. E. HOWE

MAG-13

CMD CHRON

DOWNGRADED AT 8 YEAR  
INTERVAL; 000000000000  
12 YEARS 10 000000000000

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Mar 1966

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MAG-13  
MCAS IWAKUNI, JAPAN  
COMMAND CHRONOLOGY  
FOR PERIOD 1-31 MARCH 1966

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~~SECRET~~PART ONE: ORGANIZATIONAL DATA1. Commanders and Staff:a. Headquarters, MAG-13 (1-31 March)

<u>NAME</u>	<u>BILLET</u>	<u>RANKS</u>	
		<u>T/O</u>	<u>ACTUAL</u>
ODIA E. HOWE	CO	COL	COL
JOHN J. MURPHY	XO	LTCOL	LTCOL
ROBERT L. REED	ADJ	MAJOR	CAPT
HUBERT MITCHELL	ADJ	MAJOR	CAPT
CHESTER A. LIDDLE	S-1	MAJOR	MAJOR
DONALD M. STONE	S-2	MAJOR	CAPT
DELLWYN L. DAVIS	S-3	LTCOL	LTCOL
MARVIN R. RUSSELL	S-4	LTCOL	LTCOL

b. H&MS-13 (1-31 March)

<u>NAME</u>	<u>BILLET</u>	<u>RANKS</u>	
		<u>T/O</u>	<u>ACTUAL</u>
LYTTON F. BLASS	CO (1-24Mar66)	LTCOL	LTCOL
KENNETH G. FIEGENER	CO (24-31Mar66)	LTCOL	LTCOL
REECE J. WOODARD	XO	MAJOR	MAJOR
JAMES H. FULBRIGHT	A/C MaintO	MAJOR	MAJOR
ROLAND S. MERRILL	OpnsO	CAPT	CAPT
HOWARD B. SLIGAR JR.	AdminO (1-24Mar66)	LT	2NDLT
RICHARD M. BLOOM	AdminO (24-31Mar66)	LT	1STLT

c. MABS-13 (1-31 March)

<u>NAME</u>	<u>BILLET</u>	<u>RANKS</u>	
		<u>T/O</u>	<u>ACTUAL</u>
WILLIAM E. CASLIN	CO	LTCOL	MAJOR
CHARLES F. SCHWAB	XO	MAJOR	MAJOR
RICHARD G. ADAMS	AdminO	WO	CAPT
KARLTON L. BATT	BaseOpsO	MAJOR	MAJOR
JOHN E. KRUSE	BaseServO	MAJOR	MAJOR

d. VMFA-115 (1-31 March)

<u>NAME</u>	<u>BILLET</u>	<u>RANKS</u>	
		<u>T/O</u>	<u>ACTUAL</u>
DEAN C. MACHO	CO	LTCOL	LTCOL
RALPH J. SORENSEN	XO	MAJOR	MAJOR
MICHAEL MURA	S-1	MAJOR	MAJOR
HENRY F. CWIEKA	S-2	LT	1STLT
FRANK K. WEST JR.	S-3	MAJOR	MAJOR
JAMES H. MORT	S-4	WO	2NDLT
DONALD G. KEAST	MaintO	MAJOR	MAJOR

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~~SECRET~~e. VMA-214 (1-31 March)

<u>NAME</u>	<u>BILLET</u>	<u>RANKS</u>	
		<u>T/O</u>	<u>ACTUAL</u>
KEITH O'KEEFE	CO	LTCOL	LTCOL
JEROME T. HAGEN	XO	MAJOR	MAJOR
THOMAS G. LEACH	S-1	LT	CAPT
CHARLES A. CAREY	S-3	MAJOR	MAJOR
ARTHUR L. WINTHEISER	S-4	MAJOR	1STLT
VIRGIL R. HUGHES	MaintO	MAJOR	CAPT

f. VMFA-323 (1-31 March)

<u>NAME</u>	<u>BILLET</u>	<u>RANKS</u>	
		<u>T/O</u>	<u>ACTUAL</u>
ANDREW W. O'DONNELL	CO	LTCOL	LTCOL
STANLEY A. CHALLGREN	XO	MAJOR	MAJOR
JERRY C. ROBINSON	S-1	LT	1STLT
WILLIAM T. HARDAKER	S-2	LT	1STLT
RICHARD P. LEE	S-3	MAJOR	MAJOR
JACK M. ROSE	S-4	MAJOR	CAPT
DAYTON A. LEWIS	MaintO	MAJOR	CAPT

2. Task Organization and Unit Location

MAG-13	MCAS IWAKUNI		COL ODIA E. HOWE
H&MS-13	MCAS IWAKUNI	(CO 1-24 Mar)	LTCOL LYTTON F. BLASS
		(CO 24-31 Mar)	LTCOL KENNETH G. FIEGENER
MABS-13	MCAS IWAKUNI		MAJOR WILLIAM E. CASLIN
VMFA-115	MCAS IWAKUNI		LTCOL DEAN C. MACHO
VMA-214	MCAS IWAKUNI		LTCOL KEITH O'KEEFE
VMFA-323	1-4Mar DaNang/5-31Mar IWA		LTCOL ANDREW W. O'DONNELL

3. Average Monthly Strengths

<u>MAG-13</u>	<u>NA</u>	<u>AG</u>	<u>ENL</u>	<u>USN</u>	
				<u>OFF</u>	<u>ENL</u>
H&MS-13	22	23	371	0	0
MABS-13	8	9	346	2	1
VMFA-115	22	22	259	1	0
VMFA-323	20	22	248	1	0
VMA-214	32	4	190	1	0
TOTALS	104	80	1414	5	1

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~~SECRET~~PART TWO: NARRATIVE SUMMARY

March was a typically active month for MAG-13 units with one (1) squadron joining the Group and two (2) squadrons deploying detachments to NAF Naha and NAS Cubi to enhance their ordnance delivery training.

LtCol. A. W. O'DONNELL's Death Rattlers, VMFA-323, joined MAG-13 early in the month to replace VMFA-542's F-4Bs. The first aircraft arrived on 5 March and flight operations commenced on 8 March. The squadron was hampered somewhat by a lack of operable radar, but in spite of this logged 345.4 flight hours for the month.

VMFA-115 began a four (4) week training period at Naha AB, Okinawa, on 6 March, deploying 9 aircraft, 30 officers, and 150 enlisted men. Training at Naha included day and night conventional ordnance delivery, helicopter escort, reconnaissance escort, day and night air-to-air refueling, advanced fighter tactics, firing of the Sparrow III missile, and continuation of the squadron weapons syllabus. It was a productive month for the squadron with a total of 547 flight hours, and the weapons and advanced tactics syllabus nearing completion for all flight crews.

VMA-214's "Blacksheep" continued to prepare for their forthcoming deployment in-country. A six (6) aircraft detachment was sent to Cubi Point, Phillippines for the month and additional pilots were sent to Cubi Point throughout the month. Bombing, napalm and strafing deliveries were stressed with the detachment logging 277.5 flight hours. One (1) pilot and aircraft were lost on 28 March while practicing conventional night ordnance delivery under flares. The cause of the accident is unknown and is under investigation at the present time. The detachment also flew support for Hilltop IV Amphibious Operations between the 10th and 18th. By the end of the month the squadron had logged 547.9 flight hours.

H&MS-13 continued to support the tactical squadrons throughout the month. The squadron added extra support by sending two (2) TF-9J aircraft to Naha to assist VMFA-115's operations in Okinawa. On 25 March LtCol. K. G. FEIGENER relieved LtCol. F. L. BLASS as Commanding Officer of the squadron. The squadron continued to support the Shudoin Orphanage in Hiroshima. This makes the ninth consecutive month that H&MS-13 has been working with the orphanage, expediting building and repair work on the grounds, and providing child companionship.

MABS-13 has been working behind the scenes providing the squadrons with embarkation assistance in their various deployments and continuing work on the tropical hut program. MABS-13 continued to support the advanced echelon of MAG-13 at DaNang Air Base, Vietnam. The advance group is busy preparing the assigned area for MAG-13 deployment.

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Isolated A/M inspections by FMAW continued during the month. An operations inspection was held by the FMAW G-3. Group Operations, Squadron Operations, Training, and NBC Defense were among the particular areas inspected. Troop function, S-1 Administration, and registered publications inspections were also held.

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~~SECRET~~PART THREE: SIGNIFICANT EVENTS1. Sequential listing of significant events.a. Personnel/Administration. N/A.b. Logistics.

(1) On 21 March 1966 engineer equipment, materials for twelve tropical shelters and ten men from MABS-13 departed MCAS, Iwakuni aboard LST-456. The main body of the MAG-13 advance party consisting of twenty men departed MCAS, Iwakuni on 23 March 1966 via MARTACLOG. Major J. E. KRUSE, the officer in charge departed 21 March 1966 via MARTACLOG.

(2) The rotation of VMFA-542 and 323 which commenced on 28 February was completed on 4 March 1966.

(3) During the month the S-4 coordinated the incorporation of the AAC 434 centerline adapter modification of the MK-4 gun pod, and the AAC 5 CSD modification of F-4B aircraft. The modification teams completed four of eleven AAC-434 incorporations, and twelve AAC 5 modifications during the month.

(4) The MAG-13 prefabricated tropical hut program continued through-out the month, but will be curtailed in the future due to a lack of required funds.

c. Supply. N/A.d. Intelligence/Counterintelligence.(1) Preparation for Execution of Assigned Mission.(a) Particular events related.

1. Continued training and orientation to insure deploying units receive maximum familiarity with Southeast Asia.

(2) Activities.

(a) Preliminary planning got underway for setting up an Evasion/Escape/Jungle Survival Refresher Course for MAG-13 pilots. The Assistant S-2 Officer and S-2 Chief attended the PACAF Jungle Survival Course at Clark AFB, P. I. and established liaison with the Officer-in-Charge for assistance in conducting this course.

(b) Inspections.

1. Headquarters, MAG-13 received an unannounced after-hours security inspection on 3 March 1966, conducted by Sub-Team #1, 7th CIT. No security violations were noted during this inspection.

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**SECRET**(c) Training.

1. Assistance was rendered to the tactical squadrons in preparation of intelligence training for squadron pilots and enlisted personnel. Intelligence briefs were presented to the Commanding Officer and his Staff at the regularly scheduled weekly CO's conference.

(d) Administrative.

1. Classified files were maintained in accordance with OPNAV INST 5510.1C and other applicable directives.

2. Personnel security clearances were processed in accordance with OPNAV INST 5510.1C.

3. Unclassified files were maintained in accordance with SECNAV INST P5213.1 (Naval Filing System).

e. Public Information. (See Appendix 4 )

f. Training.

(1) Special Weapons. MAG-13 conducted loading team training for attached squadrons and furnished personnel and support facilities to MAG-12 squadrons in the conduct of the below listed training.

<u>DATE</u>	<u>UNIT</u>	<u># OF PERSONNEL</u>	<u>TYPE TRAINING</u>
1-10 Mar	MAG-12	4	*Delivery Pilot Refresher Trng
1-10 Mar	MAG-12	6	*Loading Team Refresher Course

\*Supervised by MAWTUPAC Instruction Team.

(2) Ground Training.

(a) Training during the month of March was principally conducted on squadron level. Continued emphasis was placed on counter-guerilla operations; and, in general, Vietnam orientated instruction. Viet Cong anti-personnel devices were displayed and explained in a 3 hour presentation by the MCAS EOD personnel. The presentation was both comprehensive and informative.

Functioning of small arms continued to be presented as desired subject matter for deploying troops. Functioning of all U. S. Weapons (.45 cal, M-14, M-60) was covered as well as the operations of two (2) captured Viet Cong weapons. These classes were presented in a continuing effort to better prepare MAG-13 personnel for in-country deployment.

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Training in the NBC area continued at a rapid pace. During the month three (3) NBC Schools were held and a total of 38 students successfully completed the course.

An NBC Defense drill was conducted by MAG-13. The NBCD Teams of H&MS-13, MABS-13, and VMA-214 participated in the exercise. Each team was presented problems by the Group NBC-6 units. Several problem areas were discovered and quickly remedied.

VMA-214 conducted a gas chamber exercise on 12 March 1966. The exercise was coupled with a field problem which provided a degree of realism to the exercise.

During the month MAG-13 continued to take advantage of Jungle Survival Schools offered in the Philippines. MAG-13 sent aircrews from each squadron and other selected personnel in the Safety/Survival sections of the squadrons.

Pistol re-qualification periods were utilized to re-qualify personnel with their T/O weapon. In spite of the marginal weather conditions, all personnel requalified.

g. Air Operations.

(1) VMFA-115. The squadron weapons and advanced tactics syllabus neared completion for all flight crews. Valuable experience was gained in helicopter and reconnaissance escort tactics, air-to-air refueling, conventional ordnance delivery, and day fighter tactics. Total flight hours for the month were 547. The squadron worked extensively with Marine Air Control Squadron Six on Okinawa both on the firing of the Sparrow missile and in continuing the squadron's weapons syllabus. VMFA-115 also provided aircraft for use in the Air Force Okinawa Air Defense Control Center weekly exercises. One flight crew received ECM training working with an Air Force B-57 crew which was on a short deployment to Naha AB.

(2) VMA-214. The squadron flew 364 training sorties during the month for a total of 547.9 flight hours logged. Of this total the Detachment flew 188 sorties for 277.5 flight hours. Conventional dive bombing, napalm and strafing deliveries have been stressed while section and division defensive tactics have been employed on all hops. One pilot and aircraft were lost on 28 March. On 30 March First Lieutenant R. S. THAMES made an unintentional wheels up landing at NAS Cubi Point causing an Aircraft Incident. The aircraft was back in service on 31 March. The squadron detachment will remain at NAS Cubi Point until 18 April to provide the necessary ordnance training required for future squadron deployment. Continued work on conventional, and low/slow deliveries, in-flight refueling, FMLP's JATO, and instrument flying are the basic operational aims for the

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month of April 1966. The squadron flew in support of the HILLTOP IV Amphibious Operations held in the Republic of the Philippines between the 10th and 18th of March.

(3) VMFA-323. The first aircraft arrived at MCAS Iwakuni on 5 March; the remaining aircraft were delayed until 8 March. Flight operations at Iwakuni began on 8 March and consisted of syllabus training flights in which air-to-air and air-to-ground training were conducted. During the second week of flying, operations were hampered by aircraft availability. The primary hindrance to syllabus flying was the lack of operable radar equipment. This hindrance accounted for a reduction in training objectives.

h. Morale/Welfare Programs. MAG-13 began its Red Cross Drive during mid-March and by the end of the month had reached the 50 percent level; early April was selected as the 100% target date.

WMS-13 has supported the Shudojin Orphanage, Hiroshima, for a total of nine months to date. Philanthropic works expedite building and repairing of the orphanage grounds, also odd jobs and child companionship were provided.

(1) Religious Services:

(a) Protestant Divine Worship

1. Sunday, 4; attendance, 187
2. Wednesday, 5; attendance, 27

(b) Roman Catholic Mass:

1. Sunday, 4; attendance, 239
2. Weekday, 5; attendance, 185

(c) Stations of the Cross (Catholic):

1. Wednesday, 5; attendance, 77

(d) Discussion Group:

1. Catholic
  - a. Wednesday, 5; attendance, 46

(e) Counseling

1. Protestant Chaplain, 70
2. Catholic Chaplain, 32

(f) Visitation

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~~SECRET~~1. Protestant Chaplain

- a. Brig, 12
- b. Hospital, 24

2. Catholic Chaplain

- a. Brig, 16
- b. Hospital, 40

(g) Wing Marriage Board met once with three applicants.

(h) Civil Affairs.

1. Protestant Chaplain.

a. Co-ordinated weekly visits to Shudoin Orphanage in Hiroshima.

b. Participated in Assembly of God service at Japanese church in Hiroshima.

2. Catholic Chaplain.

a. Visited Chancery Officer in Hiroshima.

b. Attended charter presentation to Iwakuni Boy Scout troop.

i. Motor Transport. Seven refuse tanks were constructed by the welding shop for use in Vietnam.

j. Communications/Electronics. The message center processed 12,502 messages in support of 1st MAF (rear) and MAG-13.

k. Aviation Status Reports. (See Appendix 6).

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**SECRET**PART FOUR: SUPPORTING DOCUMENTSTABLE OF CONTENTS

<i>Filed</i>	✓ APPENDIX 1	SQUADRON COMMAND CHRONOLOGIES FOR 1-31 MARCH 1966
<i>Sep</i>	✓ APPENDIX 2	VMFA-323 OPERATION ORDER 2-66
	✓ APPENDIX 3	VMFA-115 OPERATION ORDER 2-66
<i>Filed</i>	✓ APPENDIX 4	INFORMATIONAL SERVICES REPORTS
<i>w/</i>	✓ APPENDIX 5	VMFA-542 MISSILE FIRING EXERCISE REPORT
<i>Cmd</i>	✓ APPENDIX 6	AVIATION STATUS REPORTS
<i>Chron</i>	✓ APPENDIX 7	COMMAND DIRECTORY

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OPTIONAL FORM NO. 10

UNITED STATES GOVERNMENT

**SECRET** *Memorandum*

TO : S-3, Marine Aircraft Group 13

DATE: 5 April 1966

FROM : TIO, Marine Aircraft Group 13

SUBJECT: TIO Command Chronology

Encl: ✓(1) Subject Chronology

1. Enclosure (1) is submitted herewith as the TIO Command Chronology for this Command for the month of March 1966.

  
W. L. CRAVEN

APPENDIX 4

**SECRET**

TORII TELLER  
MARCH 21, 1966

### A Life Saved

Cpl. Pearl J. Shifflet, MAG-13, was presented the Navy Commendation Medal last week by group commanding officer Col. O.E. Howe.

Shifflet earned his medal while serving at Chu Lai on July 16, 1965. He was swimming in the ocean when he heard a call from another swimmer who had become caught in the rough surf and undertow. Disregarding his own safety he immediately swam to the drowning man and assisted him in keeping his head above the water. A companion arrived with an inflated air mattress and assisted in keeping the man afloat. Because of the rough surf it was impossible to get the man to shore, but the two Marines kept him above water for an hour until a helicopter arrived to aid the struggling swimmers.

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### Needed: Voices

New MAG-13 Protestant Chaplain Harold L. Christman (see story on pages 3) will provide more voices to the chapel. Christman welcomes anyone who wishes to sing or attend choir practice. Practice sessions are at 6:30 pm. Further information may be obtained by calling the wing side chaplain's office at exts. 2404, 3616.

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### Achievements

#### Two Honors

Sgt. William E. Mendenhall, MAG-13, was presented the nation's fourth highest award, the silver star, last week by group commanding officer Col. O.E. Howe on the MAG's parade ground. In the same ceremonies, Maj. Teddy J. Becker was awarded the Navy Commendation Medal.

Mendenhall won his silver star while serving as an ordnance NCO at Chu Lai early on the morning of Oct. 28, 1965. His squadron was suddenly attacked by communist suicide squads bent on destroying the enclave's aircraft. Hearing an explosion on the flight line, Mendenhall rushed to the vicinity, where an aircraft was engulfed in flames. Disregarding the continuously exploding charges and small arms fire in the area, Mendenhall directed the crash crew fighting the flames. With complete disregard for his personal safety, he removed the fuzes from bombs on two aircraft and supervised removal of the bombs from the flight line. "His prompt and courageous actions, at the risk of his own life, thereby upheld the highest traditions of the United States Naval Service," said the citation.

When Becker heard the explosions, he rushed to the area and organized all available Marines into a quick action force to extinguish the flames. He then personally led a successful sweep of the area to locate and destroy concealed guerrillas and search for bobby traps. In so doing, he put his own life in jeopardy. "Maj. Becker upheld the finest traditions of the United States Naval Service," said his citation.

TORII TELLER  
MARCH 21, 1966

### The Scholarly Pastor

During the past month chaplains have been buzzing in and out of the air station so often that some churchgoers might have wondered recently if they hadn't sleepily shuffled into the wrong box some Sunday morning. Father Kenneth A. Mitchell, who serves MAG-13, arrived here Feb. 11 aboard the same plane as Protestant Chaplain John F. Weaver, who reported

into MWSG-17. Latest arrival was Lt. Harold L. Christmann, who took over the MAG-13 Protestant post March 11 from Stath Sound Lt. Richard R. Smith. Christmann, 36, is a theologian who came his way through college and seminary; up from private in the Marine Corps Reserve to lieutenant commander in the Navy, has held an assistant professorship in a college, and has had a book published. (His seminary thesis, "A Pattern for Healing in the Church," was published by St. Lukes Press in 1959. In the book, Christmann, an Assembly of God minister, deals with a study of the healing ministry in the Episcopal Church.)

Christmann joined the Marine Corps Reserve in 1949, during his freshman year at Drury College in Springfield, Mo. As a member of C Co., 3d Infantry Bn., USMCR, he applied and was accepted in 1950 for the platoon leaders' class (PLC) program. While attending PLC summer training at Quantico, Va., that year, C Co. was activated for the Korean War. Christmann returned to college to work for a commission.

**Seminary Scholarship.** During his senior year at Drury, Christmann "felt the call to the ministry." He had been studying history as a primer for law school and graduated in 1952 with a Bachelor of Arts degree in history. He then studied a year at the Vanderbilt University Seminary in Nashville, Tenn., before he was granted a scholarship to the seminary at Butler University in Indianapolis, Ind. While attending the seminary, he pastored a local church of about 250 members in order to support his family. He had married during his senior year of college.

After graduating from the seminary with a Bachelor of Divinity degree in 1957, Christmann was ordained and commissioned into the Navy Chaplain Corps as an ensign. He spent 2 mos. at the Chaplains Indoctrination School, Newport, R.I., then was sent to MCRD San Diego, Calif., where he became the first chaplain to be assigned to the dispensary, brig, and special training platoons on a full-time basis. A year later he was transferred to the 3d Destroyer Escort Squadron, homeported at San Diego, where he served until 1960.

Released to the inactive reserves in 1960, Chaplain Christmann went to work as assistant professor of theology at Evangel College in Springfield. In 1963 he filed a request for active duty which was finally accepted in mid-January this year.

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 Ser 03A05466  
 10 Mar 1966

FIRST ENDORSEMENT on C.O. VMFA-542 CONFIDENTIAL ltr, Ops:PSF:hep over  
 3600 - 1NAVAIRPAC, Ser 03A05466 dtd 23 Feb 66

From: Commanding Officer, Marine Air Control Squadron 6 (OCE)  
 To: Commander, U. S. Naval Air Forces, U. S. Pacific Fleet  
 Via: (1) Commanding Officer, Marine Aircraft Group 13  
 (2) Commanding General, First Marine Aircraft Wing  
 (3) Commanding General, Fleet Marine Force, Pacific

Subj: Missile Firing Exercise, report of (U)

Encl: ✓(1) Sidewinder and Sparrow FIREX Pattern and Procedures

1. Forwarded concurring with the conclusions and recommendations of the basic report.

2. Strongly concur with the recommendation contained in paragraph 9a of the basic report.

a. The safety criteria for firing Sparrow Missiles at towed targets, set forth in the F4B Supplement to NWIP 41, Volume I Annex G, requires that the firing aircraft must be passing clear of the tow plane prior to giving a "Clear to Fire". This must be accomplished by the tow pilot or airborne OCE visually sighting the firing aircraft passing safely or by an AI radar equipped tow escort definitely establishing on his radar that the firing aircraft has passed minimum range to the tow plane. Sparrow attacks on a towed target must be made in a "Head on Aspect" (no more than 30° off the nose of the tow plane) which restricts acquiring a visual sighting on the firing aircraft. Even with the assistance of an AI radar equipped tow escort the safety requirements prevent the sparrow from being fired at optimum range and significantly limits the time available to fire the missile prior to reaching minimum range within its envelope.

3. The AN/TPS-34 radar, vertical channel only, was used on all but two Sparrow/AQM-37 launches and normally provided the controller with accurate target track information to distances in excess of 100NM from the MACS-6 radar site

4. The procedures used for sweeping the range for surface targets utilizing the firing aircrafts radar proved very satisfactory and provided an expeditious setup for the firing runs. Enclosure (1) to this endorsement outlines the pattern and control procedures used.

5. The outstanding aircraft availability and the professional airmanship demonstrated by the pilots and RIO's of VMFA-542 was extremely impressive throughout this exercise.

APPENDIX 5

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3600

Ser 03A05466

10 Mar 1966

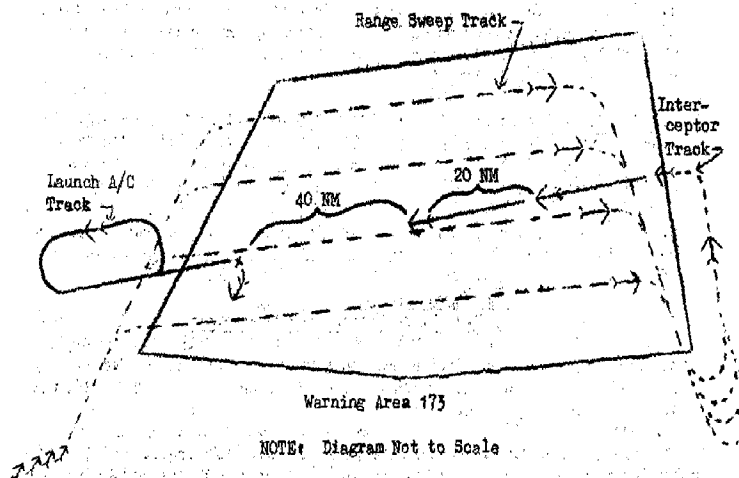
6. The following corrections are made to the basic report.

a. Paragraph 4 line 4, change, APS-34 to read AN/TPS-34.

b. Paragraph 7.b (2) page 5 under recapitulation of the Sparrow III exercise add: 25 Jan 5-7 No Fire-None - AQM malfunctioned, destroyed itself.

c. Paragraph 9.a change, TDU-34 to read AQM-34.

*F. L. Delaney*  
F. L. DELANEY

CONFIDENTIALADM-1D/AQM 37A Pattern and Procedures

1. Firing element proceeds to range on a track paralleling western border of range. Aircraft are turned individually by controller to provide approximately 10NM lateral separation between aircraft when heading outbound on range. Aircraft sweep range for surface targets using AI radar and report any contacts to controller.
2. Launch A/C establishes holding pattern outside of the center of the western boundary of range.
3. Firing element is given an in-place turn upon approaching eastern boundary of range to position them in trail. Interceptors are subsequently given individual port turns to a northerly heading with each aircraft's turn being delayed proportionally to establish a 20NM nose to tail separation between interceptors.
4. Each interceptor is then turned to a westerly attack heading for a 180° head-on intercept on the target, maintaining 20NM separation in trail.

Enclosure (1)

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5. The launch aircraft is vectored from its holding roller to enter the range on an easterly heading; allowing launch aircraft a minimum of two minutes straight and level flight prior to planned target launch.
6. When the nose to nose separation between 1st interceptor and target launch aircraft is 40NM, the 1st interceptor pilot will call "Launch Target".
7. Upon launching target, the launch aircraft breaks hard starboard and dives (presenting a decreasing Vc to approaching interceptor) reporting when 90 degrees to target course with altitude. Immediately after break he reports "Good/Bad" target.
8. The first interceptor is given "CLEARED TO ARM" by Ops Conductor when launch aircraft is clear and "CLEAR TO FIRE" when RIO reports "JUDY" with a Vc in excess of 1000. Interceptors will escape after firing by preceeding straight ahead in combat power for at least one minute.
9. Succeeding interceptors are CLEARED to ARM when the preceeding interceptor is clear and CLEARED to FIRE when RIO reports JUDY and Vc in excess of 1000.

AIM-9B/Flare Pattern and Procedures

1. The Range Sweep and firing pattern procedures used in the Sidewinder/Flare MISSEX are the same as those employed in the Sparrow/AQM MISSEX with the following exceptions.
  - a. After completion of the range sweep, the number 2, 3, and 4 aircraft maintain a constant 10NM nose to tail separation in trail. The number 1 aircraft will maintain an altitude 2000' below the flare aircraft with each succeeding aircraft in the firing element 500' below the preceeding aircraft. ie. Flare aircraft 20000', No 1 aircraft 18000', No 2 aircraft 17500', No 3 aircraft 17000', and No 4 aircraft 16500'.
  - b. The flare aircraft is vectored into the center of the range when the number 1 aircraft is turning to his attack heading, to allow the firing to take place in the center of the range.
  - c. When the nose to nose distance between the 1st interceptor and the flare aircraft closes to 16NM the flare aircraft is instructed to "DROP FLARE". The flare aircraft proceeds straight ahead at 250 kts IAS.
  - d. When the Range Safety Officer observes the 1st Interceptor and flare aircraft merge on his scope a "CLEARED TO FIRE" is given. Each succeeding interceptor is then given "CLEARED TO FIRE" when merged with the flare aircraft and after the preceeding aircraft had fired.
  - e. After completion of firing, each interceptor will escape by preceeding straight ahead in combat power.

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f. When the interceptors are using the IR tracking Mode only, the ground controller must continue to provide the pilot with flare target range information.

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Enclosure (1)

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5 MAR 1966

MARINE FIGHTER/ATTACK SQUADRON 542

Marine Aircraft Group 13

1st Marine Aircraft Wing, FMF, Pacific  
c/o FPO San Francisco, 96601

MACS-6 S&amp;C

LOG NO 066-66

COPY NO 1 OF 1

OPS:PSF:hep

3600-1 NavAirPac

Ser 03A05466

23 Feb 1966

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25 Copies

From: Commanding Officer

To: Commander, U. S. Naval Air Forces, U. S. Pacific Fleet

Via: (1) Commanding Officer, Marine Air Control Squadron 6  
(2) Commanding Officer, Marine Aircraft Group 13  
(3) Commanding General, 1st Marine Aircraft Wing  
(4) Commanding General, Fleet Marine Force, Pacific

Subj: Missile Firing Exercise; report of (U)

Ref: (a) ComNavAirPacInst 03600.3B

(b) CinCPacFltInst 08011.4

1. This Squadron conducted a missile firing exercise between 13 and 31 January 1966 while on a training deployment at NAF NAHA, OKINAWA. The purpose of the exercise was to qualify five aircrews and requalify fifteen aircrews in SPARROW III and SIDEWINDER MISSILE firing and to increase the knowledge of all concerned personnel of the F4B AMCS. The missile exercise was conducted under all-weather conditions in conjunction with an overall F4B weapons training deployment. The W-173 area was utilized. Although reference (a) requires that the command conducting the exercise (OCE) originate the report, because of the geographical separation of the two units this Squadron is the originating activity.

2. The SIDEWINDER and SPARROW III portions of the firing exercise will be covered in separate paragraphs although the dates are coincidental and, in some cases, both type missiles were carried and/or fired on the same flight. Missile expenditures for the exercise were:

a. Two AIM-9B SIDEWINDER per aircrew for a total of forty AIM-9B's expended.

b. One AIM-7D SPARROW III per aircrew for a total of twenty AIM-7D's expended.

3. The exercise exceeded the expected training for all aircrews and enlisted personnel. No major training deficiencies were uncovered. Extensive ground training had been conducted for all personnel prior to conducting the exercise. The ordnance and maintenance

DOWNWARD AT 30-YEAR INTERVALS  
RECLASSIFIED AFTER 20 YEARS  
UNLESS INDICATED

1

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CONFIDENTIAL3600-1  
Ser 03A05466

ance and avionics personnel of the squadron received training which will prove valuable in air-air combat environment. This exercise was the first conducted by this squadron utilizing the fuselage stations for the SPARROW III.

5. Marine Air Control Squadron 6 was the command conducting exercise (OCE) and provided all range control. The on-range control was considered by our most experienced aircrews to be the best control provided by a Marine Air Control Squadron. The APS 34 radar was used as the primary weapon with the UPS 1 in a back-up capacity. At no time during the exercise did lack of communication or radar coverage derogate a mission. A Range Safety Officer was provided by this Squadron and positioned in the TAOC.

6. SIDEWINDER

a. Targets. The MK 6, MOD 6 parachute retarded illumination flare was used primarily with the MK 24 flare being used to a limited extent. One SIDEWINDER was fired at the AQM 37 target on a re-attack from a SPARROW III head-on attack.

(1) 27 MK 6, MOD 6 flares and nine MK 24 flares were expended for use as targets. The flares proved relatively reliable with the major number of the malfunctions occurring in wet weather. It is felt that moisture adversely affected the parachute deployment of the MK 6 flare.

(2) There was no back-up target provided for the SIDEWINDER firing with the exception of expending additional flares in the event the first flare malfunctioned.

(3) The parachute flare was dropped from an altitude which would allow it to ignite at 20M feet. The radar augmented parachute in conjunction with the burning of the magnesium flare provided a target that could be painted by both airborne and ground radar.

b. Missiles. Forty AIM 9B SIDEWINDERS with practice heads and spotting charges were expended. The following is a recapitulation of the SIDEWINDER portion of the exercise by sortie:

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3600-1

Ser 03A05466

DATE	SORTIE	RESULTS	HIT RECORDED	REASON FOR NON-FIRE/MISS
13 Jan	5-2	No fire	None	Flare fuse erroneously set
	5-3	" "	"	flare ignited below programmed altitude.
	5-4	" "	"	
	5-5	Fired	Direct hit	
	5-10	Fired	Direct hit	
	5-11	"	"	
	5-12	"	Hit, 30'	
14 Jan	5-2	No fire	None	1st flare malfunctioned, 2nd
	5-3	" "	"	flare failed to leave aircraft.
	5-4	" "	"	
	5-7	Fired	Direct hit	
	5-8	"	"	
	5-9	"	Hit, 20'	
15 Jan	5-2	Fired	Direct hit	
	5-3	"	"	No fire 1st attempt, pilot/
	5-4	"	"	failed to arm
16 Jan	5-2	Fired	Direct hit	
	5-3	"	"	
	5-4	No fire	none	Aborted first run inside min. range, flare malfunction on 2nd run.
	5-8	Fired	Direct hit	
	5-9	"	Hit, 5"	Missile failed to fuse.
	5-10	"	Direct hit	
18 Jan	5-8	Fired	Wide miss	Fired beyond max range, missile did not guide.
	5-9	"	Direct hit	1st flare malfunctioned, 2nd flare good.
	5-10	"	"	
	5-11	"	"	
	5-12	"	"	
20 Jan	5-2	"	"	1st flare malfunctioned, 2nd flare good
	5-3	"	"	
	5-4	"	"	
	5-5	"	"	
	5-11	"	Direct hit	
	5-12	"	Miss	Fired inside min range, missile did not guide.
21 Jan	5-12	"	Hit, 10'	Missile guided but did not fuse, 1st flare malfunction 2nd good.
	5-13	"	Direct hit	2nd flare
	5-14	"	"	"

3600-1  
Ser 03A0S466

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DATE	SORTIE	RESULTS	HIT RECORD	REASON FOR NON-FIRE MISS
24 Jan	5-2	Fired	Direct Hit	
	5-3	"	"	
	5-4	"	"	
	5-5	"	"	
26 Jan	5-6	"	"	
27 Jan	5-9	"	Unknown	Fired on AQM 37 re-attack, n visual assessment
28 Jan	5-2	"	Direct Hit	
	5-3	"	"	"
	5-4	"	"	"
	5-5	"	"	"
31 Jan	5-4	"	"	"

#### 7. SPARROW III

a. Missiles. AIM 7D SPARROW III missiles with exercise heads were fired from the aft fuselage missile stations. Neither the aircraft fire control system or the missile was responsible for any mission aborts. A missile was fired for each trigger squeeze.

b. Targets. The AQM 37 was utilized as the primary target. Nine AQM 37 targets were expended. The targets were launched from the Squadron's F4B aircraft. Only one target failed to launch due to a target malfunction. However, two targets failed to adhere to the programmed flight envelope. A BEECHCRAFT representative and a U. S. Navy AQM 37 special technician were on hand to assist in loading, assembling, and aircraft modification. The reliability of the AQM 37 was considered excellent.

(1) VC 5 (Det B) provided the back-up target in the form of a towed TDU 22. Firing was attempted at the TDU 22 on only one occasion. The attempt was unsuccessful due to range safety considerations which require all firing to take place at near minimum range even under ideal conditions.

(2) All attempts at firing against the AQM 37 were made in the head-on sectors. The AQM 37 was programmed to fly at 4000 feet at 1.0 MACH. Two missiles were fired at an erratic AQM 37 which was flying at an estimated altitude of 6000 feet. One of these attempts was recorded as a hit. The following is a recapitulation of the SPARROW III portion of the exercise by sortie:

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Ser 0320546

DATE	SORTIE	RESULT	HIT RECORD	REASON FOR NON-FIRE/MISS
21 Jan	5-2	No Fire	None	AQM 37 failed to launch
	5-3	" "	"	" " " " "
	5-4	" "	"	" " " " "
	5-7	Fired	Wide Miss	Trapped blinking select light, missile did not guide
	5-8	"	Hit	Fired in excess of 40M', 90° nose up, AQM37 went erratic
	5-9	"	Wide Miss	Fired with 45° nose-up, interlocks out, AQM 37 went erratic.
22 Jan	5-2	No fire	None	Unable to launch AQM 37 due to foul range, back-up target unsatisfactory.
	5-3	"	"	" " " "
	5-4	"	"	" " " "
	5-8	Fired	Hit	
	5-9	"	"	
	5-10	"	Direct hit	destroyed target
	5-13	"	Hit	
	5-14	"	"	
	5-15	"	"	
	5-16	"	"	
23 Jan	5-2	"	"	
	5-3	"	"	
	5-4	"	"	
	5-5	"	"	
	5-6	"	"	
	5-7	"	"	
24 Jan	5-7	"	Direct hit	- Trapped blinking select li destroyed target.
	5-8	"	Direct hit	
	5-9	"	Unknown	- Did not observe hit, missile appeared to track.
26 Jan	5-6	No fire	None	- AQM 37 destroyed itself prior to shooter in range.
27 Jan	5-9	Fired	Hit	- Re-attacked AQM 37 with SIDEWINDER

8. CONCLUSIONS

- a. The SPARROW III and SIDEWINDER missiles are reliable when fired within their planned envelope.
- b. The SPARROW and SIDEWINDER can be successfully fired while operating under the deployment concept.
- c. The AQM 37A is reliable and is considered the most realistic target for training with the F4B and SPARROW weapons system..

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Ser03A05466

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d. The parachute retarded flare is the most satisfactory available target for training with the SIDEWINDER.

e. The TDU 22 is unsatisfactory for use as a back-up target for either missile.

9. RECOMMENDATIONS

a. That the TDU 34 be used as a back-up target for missile exercise vice the TDU 22.

b. That Commander, U. S. Naval Air Forces, U. S. Pacific Fleet investigate and determine the feasibility of making a tail shot on the AQM 37 with a SPARROW III missile, either with an opening or closing range. This type run is considered to be the most probable encountered in a combat situation and would be valuable training for aircrews.

  
E. E. PEARCY

Copy to:

CNO  
ComFairWestPac  
CG FMFPac  
CinCPacFlt/ComFirstFlt Rep PMR  
NAF, Naha  
PMR PT MCGU  
CO, NOL CARONA  
CG, 1stMAW  
CG, 2ndMAW  
CG, 3dMAW  
CO, VC-5  
CO, MACS-6  
CO, VF-121  
CO, VMFA-314  
CO, VMFA-115  
CO, VMFA-323  
CO, VMFA-251  
CO, VMFA-122  
CO, VMFA-334  
CO, VMFA-531  
CO, VMFA-513  
file

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ROUTINE

E 040626Z

FM MARINE DIVISION ONE THREE

TO RUEGEM/CMC

RUEGEM/CMC

INFO RUEHDP/CG FMFPAC

RUEHAW/CG FIRST MAW

ZEN/MAG ONE THREE

ZEN/FIRST MAW (REAR)

BT

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CMC (AAP-4)

CMC (OP-34)

A. MCC 3000.2A

B. REF A REFERS AVAILTATION STATUS R. 23 OF 24 MARCH 1966

C. 44 OFF, 372 ENL, ALL MARINES HAVE 100% PA 23, AG 2

D. K. G. FIEGNER, LTCOL

E. MCAS IWAKUNI JAPAN

F. NONE

G. 95 PERCENT

F. (1) 1/C-117D, 4/TF-9J

(2) 1/TF-9J

(3) NONE

(4) C-117D/83.4, TF-9J/93.8

G. 23 PILOTS/2 CREWS (PILOT, CO-PILOT, CREW CHIEF)

( ) 23

(2) 2

(3) NONE

(4) NONE

SP-4

BT

DIST: FMAW (R) CCG: S-3  
MAC-13

COPY 16A OF SIXTEEN COPIES

100: PL/1-567 AF 106/P220/1/02/AV

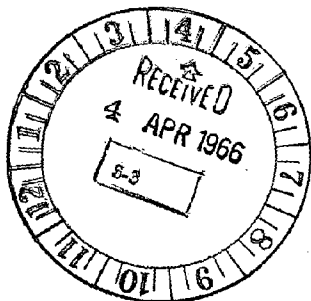
040626Z APR 66

PAGE ONE OF FIVE PAGES

APPENDIX 6

**SECRET**

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RRROUTINE

R 010300Z

FM MAERON ONE THREE

TO RUEICEM/CMC

INFO RUHLBP/CG FMFPAC

ZEN/FIRST MAW (REAR)

ZEN/MAG ONE THREE

BT

C O N F I D E N T I A L

A. MCC 3000.2A

B. WCO 3000.2B

CMC CODE AAP-16

AVIATION STATUS REPORT

1. IAW REFERENCE A THE FOLLOWING IS SUBMITTED:

A. MC OFF 17 MCENL 357 NAVY OFF 2 NAVY ENL 1

NAVAL AVIATORS 8 AVIATION GROUND OFF 9

B. W. E. CASLIN, MAJOR USMC

C. MCAS IWAKUNI JAPAN

D. NONE

E. 62 PERCENT THIS SQUADRON HAS 19 GENERATORS WITH A TOTAL OUTPUT OF 630KW BUT HAS ONLY 6 GENERATORS WITH A TOTAL OUTPUT OF 160KW. THE ABILITY OF THE SQUADRON TO PROVIDE NECESSARY ELECTRICAL POWER IN THE FIELD IS MARGINAL AT BEST. IN ADDITION THE SQUADRON DOES NOT HAVE ITS MOBILE UNIT AND IS SHORT 5 OF THE 6 RATED CRASH TRUCKS. PERSONNEL STRENGTH IS 75 PERCENT OF T/O AND 57 PERSONNEL ARE BEING DETACHED IN THE NEXT SIX DAYS.

F. NA

G. NA

GP-A

DIST: FMAW (R)

CCG: S-3

MAG-13

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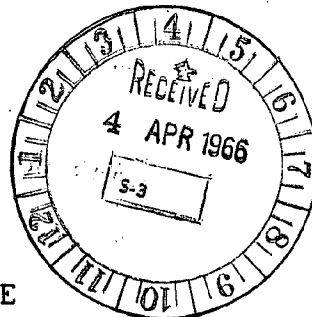
PAGE TWO OF FIVE PAGES

APPENDIX 6

ON 11 APR 1966/10 40 00A

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ROUTINE

R 010121Z  
FM VMFA THREE TWO THREE  
TO RUECEM/CMC  
INFO RUECW/CNC  
RUHLBP/CG FMFPAC  
RUMNAW/CG FIRST MAW  
ZEN/MAG ONE THREE

BT

CONFIDENTIAL  
AVIATION STATUS REPORT (MC 3110-2)

A. MCO 3000.2A

B. WGO 3000.2B

CMC CODE AAP-4

CNC OP-34

1. IAW REFERENCES A AND B THE FOLLOWING REPORT IS  
SUBMITTED AS OF 1 APRIL 1966:

A. CFF - NA 20

NFC 18

///HAS BEEN SENT///

MAG-13	
CO	
EXO	
ADJ	
SGTMAJ	
S-1	
S-2	
S-3	1L
S-4	1L
GSO	
323	1L

AG 43  
ENL - 239

B. A.W. O'DONNELL LTCOL USMC

C. MCAS IWAKUNI, JAPAN

D. 1 APRIL 1966 DEPLOY TO NAF NAHA, OKINAWA, WPNS TRNG;

12 MAY 1966 RETURN TO MCAS IWAKUNI, JAPAN

E. COMBAT READINESS: 76 PER CENT

F. (1) 18/F-4B ASSIGNED

(2) 4/F-4B PAR; 1/F-4B REWORK

(3) 0/F-4B POCL

(4) 345.4/F-4B

G. (1) 16 NA/17 NFC

(2) 4 NA/ 1 NFC

(3) NONE

(4) N/A

GP-4

BT

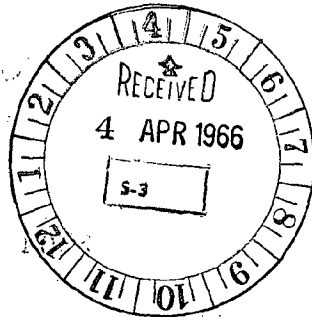
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010121Z APRIL 66

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ROUTINE

R 010502Z

FM HAKATKRON TWO ONE

TO RUEGEM/CMC

INFO RUEGEM/CMC

RUEHLBP/CMC VMEBAC

ZEN/PMAN (REAR)

ZEN/MAG ONE THREE

BT

CONFIDENTIAL

AVIATION STATUS REPORT (MC 311-2)

A. NCO 03000.2A

B. NCO 3000.2B

CMC CODE AAP-4

CMC OP-34

1. IAW REFERENCE A AND B THE STATUS REPORT IS  
SUBMITTED AS OF 1 APR 66

A. 37 OFF, 189 ENL, 1 CPT USN, 2 AF

B. D.L. DAVIS, LTCOL, USMC

C. MCAS Iwakuni, JAPAN

D. SBN SCHEDULED TO DEPLOY IN MAY 66

E. 87 PERCENT

F. (1) 23/A-AC

(2) 5

(3) 2

(4) 547.9/A-AC

G. (1) 17

(2) 5

(3) 2

(4) 9

BT-4

BT

DIST: FMAN (R) CCG S-3  
MAG-13/VMA-214

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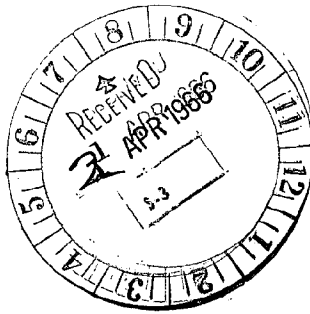
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PAGE FOUR OF FIVE PAGES

APPENDIX 6

TOD: 01/1134Z/APR66/016A/RLL/1057

010602Z APR 66



	MAG-13	
CO		
EXO		
ADJ		
SGTMAJ		
S-1		
S-2		
S-3	14	
S-4	14	
GSO		
115	10	

R 010122Z  
FM MARFITATKRON ONE ONE FIVE  
TO RUEGEM/CMC  
RUECW/CNO  
INFO RUHLBP/CG FMFPAC  
RUMNAW/CG FIRST MAW  
ZEN/FIRST MAW (REAR)  
ZEN/MARAIRGRU ONE THREE  
BT

/// HAS BEEN SENT ///

**SECRET**

# AVIATION STATUS REPORT (MC 3110-2)

A. MCC 3000.2A

B. WGO 3002.2A

CMC CODE AAP-4

1. IAW REF A AND B THE FOLLOWING REPORT IS SUBMITTED AS CF

A. MAR OFF 44 NAV OFF 1 NA 23

MAR ENL259 NAV ENL 2 NFC 18

AG 3

B. D.C. MACHC, LTCOL, 051588

	ACT	INFO
S-3	D	
S-3A	M	
21 APR 66		
		b
FILE		

C. MCAS, IWAKUNI, JAPAN

D. (1) 15 APR 66 DANANG, AB, S. VIETNAM

E. 85 PERCENT

F. (1) 15 F4B (3)

(2) 3 (4) 547, F4B

G. (1) 18 CREWS

(2) ④

(2) E

(4) 6

H. IN ADDITION TO F (2) ABOVE 1 A/C UNAVAILABLE IN STATUS CODE G-3

GP-4

RT

ST: FMAV (R) COG S-3

MAG-13

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PAGE FIVE OF ~~FIVE~~ PAGES

APPENDIX 6

TOD: 01/0355Z/APR66/STA#006A/TC/#1000 REF C D E T 010122Z/APR66

**SECRET**

HEADQUARTERS, MARINE AIRCRAFT GROUP-13  
1st Marine Aircraft Wing, FMF, Pacific  
FPO, San Francisco 96602

7:RLR:fap  
2000  
1 Apr 1966

COMMAND DIRECTORY

Prepared as a matter of interest for commands within  
Marine Aircraft Group-13. It is requested that the  
Group Adjutant be notified of any errors or omissions  
noted.

*H. Mitchell*  
H. MITCHELL  
CAPTAIN, U. S. MARINE CORPS  
ADJUTANT

APPENDIX 7

HEADQUARTERS

<u>BILLET</u>	<u>QUARTERS</u>	<u>TELEPHONE</u> <u>QUARTERS/OFFICE</u>	
<u>Commanding Officer</u> Col. O.E. HOWE	607D	2076	2262
<u>Executive Officer</u> LtCol J.J. MURPHY	607B	2866	2262
<u>Sergeant Major</u> SgtMaj R.R. EBBERT	BOQ 6	3383	3442

ADJUTANT SECTION

<u>Adjutant/S&amp;C Officer</u> Capt H. MITCHELL	1176	3273	2262
<u>S&amp;C Clerk</u> Cpl R. GONZALEZ	1641	3353	2681

S-1 SECTION

<u>S-1 Officer</u> Maj C.A. LIDDLE	523B	3388	2307/3325
<u>Asst S-1 Officer</u> 2ndLt H.B. SLIGAR, Jr.	1164	3119	2307/3325
<u>Personnel Chief</u> GySgt J.G. HUETSCH	1643	3592	2307/3325
<u>Admin Chief</u> SSgt F.W. KILFNER	1643	3592	2307/3325
<u>Central Files</u>			2307/3325

S-2 SECTION

<u>S-2 Officer</u> Capt D.M. STONE	1175	3130	3319/2772
<u>Asst S-2 Officer</u> 1stLt W.L. CRAVEN	1173	3223	3319/2772
<u>S-2 Chief</u> MSgt L.A. DEHART	BOQ 6	3083	3319/2772

S-3 SECTION

<u>S-3 Officer</u>			
<u>LtCol W.E. DOMINA</u>	609B	3224	3173
<u>Asst S-3 Officer</u>			
<u>Maj T.J. BECKER</u>	516	3179	3173
<u>Asst S-3 Officer/NATOPS</u>			
<u>Instrument Officer</u>			
<u>Maj A.H. GREEN</u>	516	3179	3173
<u>Asst S-3 Officer/Weapons</u>			
<u>Employment/Training Officer</u>			
<u>Maj R.R. POWELL</u>	521C	2042	3173
<u>Aviation Safety Officer</u>			
<u>Capt T.J. PROSCH</u>	1127	2243	2470
<u>S-3 Chief</u>			
<u>MSgt J.C. POMBIER</u>	1643	3592	3173

S-4 SECTION

<u>S-4 Officer</u>			
<u>LtCol M.R. RUSSELL</u>	607A	2291	3210/2353
<u>Asst S-4 Officer</u>			
<u>Major E.R. MAAG</u>	513B	3078	3210/2353
<u>Embark Officer</u>			
<u>1stLt F.P. VANHOUTEN</u>	1148	3341	3210/2353
<u>S-4 Chief</u>			
<u>MSgt A.J. LEONARD</u>	1643	3592	3210/2353
<u>Group Fiscal Officer</u>			
<u>Capt L.A. ROLSTAD</u>	1148	3341	3595
<u>Group Fiscal Chief</u>			
<u>SSgt D.I. WENTWORTH</u>	1643	3592	3647

LEGAL SECTION

<u>Legal Officer</u>			
<u>Maj C.A. LIDDLE</u>	523B	3388	3373/3325
<u>Legal Chief</u>			
<u>SSgt E. TORRES</u>	1643	3592	3373

SUPPLY SECTION

<u>Supply Officer</u>			
<u>Maj A.G. WAITE</u>	523A	3015	2779

<u>Navy Supply Officer</u> Capt E.N. SUTTON	1149	3748	3647
<u>MarCorProperty Officer</u> Capt R.A. WICKSTROM	1123	2860	2552
<u>Navy Control Officer</u> 2ndLt E.B. LALONT	1120	3514	2494
<u>Supply Chief</u> MGySgt H.C. GREENIA	BO006	3383	2779
<u>MarCorProperty Chief</u> GySgt Z.C. HULCY	1643	3592	2552
<u>Navy Warehouse Chief</u> GySgt W.J. DANIELS	1643	3592	3640
<u>MarCorWarehouse Chief</u> GySgt J.D. LUTZ	1643	3592	3651

OTHER STAFF ASSIGNMENTS

<u>Career Advisory</u> GySgt R.A. COLE	1575	3592	3178
<u>Chaplains</u> LCdr H.L. CHRISTMANN	523C	3637	3616
Lt K.A. MITCHELL	1146	3355	3616
<u>Communications Officer</u> Capt C.F. KIENE	1172	3229	3196

ORDNANCE SECTION

<u>Ordnance Officer</u> CWO R.L. BEA	1152	3395	3251
<u>Ordnance Chief</u> MGySgt T.E. MCGONIGLE	1381	3187	3251

SPECIAL SERVICES

<u>Special Services Officer</u> 1stLt R.P. TORYRIAN	1158	3145	3429
--	------	------	------

H&MS-13

<u>Commanding Officer</u> LtCol K.G. FIEGENER	607B	3023	2223
<u>Executive Officer</u> Maj R.J. WOODARD	523D	2212	2223

<u>Admin Officer</u>			
1stLt R.M. BLOOM	1159	3140	3676
<u>First Sergeant</u>			
1stSgt H.L. McLUCAS	1643	3592	3676
<u>Duty NCO</u>	1363		3711
<u>SDO</u>			3711/3592

MABS-13

<u>Commanding Officer</u>			
Maj W.E. CASLIN	520A	3415	2271/3421
<u>Executive Officer</u>			
Maj C.F. SCHWAB	508B	2091	2271/3421
<u>Admin Officer</u>			
Capt R.G. ADAMS	BOC, 1, Rm 12B	3478	2271/3421
<u>Sergeant Major</u>			
SgtMaj W.A. HUGHES	1381	3187	3351
<u>Group LTC</u>			
1stLt R. ECKERT	BOC, 4	3466	3076
<u>Duty NCO &amp; SDO</u>	1642		3376

VMFA-115

<u>Commanding Officer</u>			
LtCol D.C. MACHO	521B	2345	2463
<u>Executive Officer</u>			
Maj R.J. SORENSON	523	3637	2463
<u>S-1 Officer</u>			
Maj L. MURA	517B	2461	3087
<u>S-2 Officer</u>			
1stLt H.F. CMIEAK	1121	3066	3638
<u>S-3 Officer</u>			
Maj F.K. WEST	523	3637	3073
<u>S-4 Officer</u>			
Capt D.T. BENN	1158	3145	2383
<u>First Sergeant</u>			
1stSgt G.L. LAING	BOC, 6	3083	2468
<u>DNCO/SDO</u>			3262/3081

VMFA-323

<u>Commanding Officer</u> LtCol A.C. G'DONNELL	609A	2480	2662
<u>Executive Officer</u> Maj S.A. CHALLENGER	515	3046	2662
<u>Admin Officer</u> 1stLt J.C. ROBINSON	BOC/1177	3482	2662
<u>S-2 Officer</u> 1stLt W.T. HARDAKER, Jr.	BOC/1183	3324	3547
<u>S-3 Officer</u> Maj R.P. LEE	521C	2042	2582
<u>S-4 Officer</u> Capt J.M. ROSE	BOC/1171	3238	3118
<u>Maintenance Officer</u> Capt D.A. LEWIS	BOC/1163	2775	2654
<u>First Sergeant</u> 1stSgt R.E. BURNETT	1480	3412	3462
SDO/DNCO	1439/1482		3577/3291
<u>VMA-214</u>			
<u>Commanding Officer</u> LtCol D.L. DAVIS	607A	2291	2493
<u>Executive Officer</u> Maj J.T. HAGEN	523B	2389	2493
<u>Admin Officer</u> Capt T.G. LEACH	1179	3285	3774
<u>S-2 Officer</u> 1stLt J. MILLER	1176	3273	3354
<u>S-3 Officer</u> Maj J.R. CARR	523A	3015	2058
<u>S-4 Officer</u> Lt A.E. THALISER	BOC/1178	3279	3089
<u>Maintenance Officer</u> Capt P.J. MCCARTHY	BOC/3219	1174	2845
<u>First Sergeant</u> 1stSgt M.L. EVERHART	1350	3259	3354
SDO/DNCO			2781/3354

MISCELLANEOUS

Group Duty Officer

2262/3513

Group Duty Clerk

3513

DECLASSIFIED

APPENDIX(9)

DECLASSIFIED