

UNCLASSIFIED

MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
Marine Aircraft Group-15, 1st Marine Aircraft Wing
Fleet Marine Force, Pacific, FPO San Francisco 96602

3:JDC:rm
5750
003A01072
10 January 1972



~~SECRET~~ (Unclassified upon removal of Enclosure (1))

From: Commanding Officer
To: Commanding Officer, Marine Aircraft Group-15 (Attn: S-3)
Subj: Command Chronology
Ref: (a) MCO P5750.1
(b) FMFPACO 5750.8
(c) WgO 5750.1
(d) GruO 5750.1F

Encl: (1) Command Chronology for the period 1 July 1971 through
31 December 1971

1. In compliance with the instructions contained in references (a) thru (d),
the Command Chronology for the period 1 July 1971 through 31 December 1971
is submitted as enclosure (1).

R. T. Douglas
R. T. DOUGLAS
Acting

MAG-15 S&C FILES

0055-72

COPY No. 1 of 2

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VMCJ-1
S.C NO
D-009-72
COPY 1 OF 6

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MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
Marine Aircraft Group-15, 1st Marine Aircraft Wing
Fleet Marine Force, Pacific, FPO San Francisco 96602

COMMAND CHRONOLOGY

1 July 1971 through 31 December 1971

Index

PART I	Organizational Data
PART II	Narrative Summary
PART III	Sequential Listing of Significant Events
PART IV	Supporting Documents

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PART I

ORGANIZATIONAL DATA

1. (u) DESIGNATION

Marine Composite Reconnaissance Squadron One

COMMANDER

LtCol. S. S. EISENHAUER
1 July - 31 December

2. (u) LOCATION

1 July - 31 December: MCAS Iwakuni, Japan

3. (u) STAFF OFFICERS

	<u>NAME</u>	<u>DATES</u>
Executive Officer	Major R. T. DOUGLAS	1 July - 31 December
Administrative Officer	Capt. C. KELLY	1 July - 17 August
	Capt. K. W. KINNEAR	18 August - 6 October
	1stLt W. H. ARCULARIUS	7 October - 31 December
Intelligence Officer	Capt. R. M. ANTHONY	1 July - 31 December
Operations Officer	Major L. E. AMICK	1 July - 19 September
	Major J. D. CARLTON	20 September - 31 December
Logistics Officer	Capt. L. STOUT	1 July - 31 December
Maintenance Officer	Major C. R. ALEXANDER	1 July - 21 November
	Major L. E. AMICK	22 November - 31 December
Sergeant Major	1stSgt G. FAIOLI	1 July - 14 December
	MSgt. D. W. FORTNER	15 December - 31 December

4. (u) AVERAGE MONTHLY STRENGTH

<u>USMC</u>		<u>USN</u>		<u>OTHER</u>	
<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
45	300	0	0	0	0

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PART II

NARRATIVE SUMMARY

1.(u) On 1 July 1971, VMJ-1 was transferred from Marine Aircraft Group-12 to Marine Aircraft Group-15 under the command of Col. R. R. MILLER.

2.(c) During the period of this chronology VMJ-1 continued to increase its state of combat readiness. The squadron continued to operate throughout the Far East with both the EA-6A and the RF-4B. Due to the improved operational readiness and aircraft availability the squadron was able to compile an impressive operational record. Fourteen official photo requests were completed leaving only two outstanding. An increased number of Electronic Counter Measures requests were received, these included training with the 5th Air Force, Taiwan Defense Command, and the 7th Fleet. These missions tested the radar defenses of the commands mentioned and provided valuable training for all participants.

3.(c) Three EA-6A aircraft were deployed to Taiwan for an EAGLE exercise from 31 July 1971 to 6 August 1971. The exercise was designed to provide both ECM training for the Nationalist Chinese Defense Forces, and the squadron aircrews. Sixteen (16) sorties were flown in support of the exercise and three previously unqualified crew members gained combat qualification.

4.(u) VMJ-1 deployed with eight (8) RF-4B aircraft to NAS Cubi Point, Republic of the Philippines on 25 September 1971, and began flight operations on 27 September 1971. The primary mission of the deployment was Phase II qualification for first tour aircrews, and refresher training for aircrews already Phase II qualified. A total of 127 sorties were flown for a total of 203 hours, resulting in 78 syllabus flight completions. Three pilots and 2 NFO's became Phase II qualified.

5.(u) Three (3) RF-4B aircraft deployed to NAS Cubi Point, from 21 October 1971 to 29 October 1971 to complete official photo missions 22-71 and 37-71. A total of 29 sorties were flown for 63 hours.

6.(c) Two EA-6A aircraft were deployed to Taiwan for an EAGLE exercise from 30 October 1971 to 7 November 1971. The exercise was designed to provide both ECM training for the Nationalist Chinese Defense Forces and the aircrews. Fourteen (14) sorties were flown for a combat readiness increase of 44%. Approximately 9% per EUMO and the one pilot requiring training. A debriefing conference was held on 6 November 1971 at the Ministry of National Defense in Taipei.

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7.(u) Three (3) RF-4B aircraft deployed to Naha A. B., from 3 December 1971 to 6 December 1971, to complete official photo requests 40-71 and 41-71. A total of 17 sorties were flown for 30.3 hours resulting in the completion of both missions.

8.(C) Three (3) EA-6A aircraft deployed to Taiwan for an EAGLE exercise, from 11 December 1971 to 18 December 1971. The exercise was designed to provide ECM training for both the Nationalist Chinese Defense Forces and the aircrews.

9.(u) Two (2) RF-4B aircraft deployed to NAS Oubi Point, from 15 December 1971 to 21 December 1971 to complete official photo missions 22-71 and 37-71. A total of 29 sorties were flown for 63 hours. The squadron has not yet received information from the Intelligence Center Facility (FIGPACFAC), concerning the percentage of completion of those missions.

10.(S) The EA-6A aircraft were also involved in several other commitments: One HQBO exercise on 14 July 1971, One NIKER exercise on 29 July 1971, and five (5) BEAVERHOUND exercises for the reporting period. Two ECM exercises were completed against the British Navy. One against the HMS EAGLE on 9 October 1971, and one against the HMS GLAMORGAN on 19 October 1971. There were four (4) ECM exercises with the 7th Fleet. On 25 July 1971, one EA-6A attempted to work with the USS BAINBRIDGE but was unable to make UHF contact. On 3 September 1971 the EA-6A's worked in support of the USS MIDWAY, and on 30 September 1971 they worked against the USS ENTERPRISE. On 4 December 1971, one EA-6A worked against UTF-36.

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PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

- 1.(u) Personnel. No significant events to report.
- 2.(u) Administration. On 1 July 1971, VMJ-1 was transferred from Marine Aircraft Group-12 to Marine Aircraft Group-15.
- 3.(u) Intelligence. No significant events to report.
- 4.(u) Training. Continued emphasis has been placed on updating and improving all facets of squadron training, with special attention directed towards the weight control, physical fitness, and MUI programs. Extensive aircrew training has been provided through lectures and films on varied subjects.
- 5.(u) Operations:

Hops Scheduled	EA-6A	497	Total EA-6A - RF-4B Hops - 1,421
	RF-4B	924	
Hops Flown	EA-6A	354	Total EA-6A - RF-4B Hops = 870
	RF-4B	516	
Total EA-6A Hours		767.3	
Total RF-4B Hours		962.3	
Total		1729.6	

6.(S) Special Operations

14 July 1971 Flew one (1) EA-6A sortie on exercise HOBO in support of the Okinawa Air Defense Command.

29 July 1971 Flew One (1) EA-6A sortie on exercise NIKEA in support of the Japanese Air Defense Command.
Flew One (1) EA-6A sortie on exercise BEAVERHOUND.

31 July 1971 Three (3) EA-6A aircraft departed MCAS Iwakuni for Taiwan A. B., Taiwan to participate in exercise EAGLE.

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3 September 1971 Flew One (1) EA-6A sortie in support of the USS MIDWAY.

23 September 1971 Advanced party left for NAS Cubi Point to make the necessary preparations for an RF-4B deployment.

25 September 1971 Six (6) RF-4B aircraft deployed to NAS Cubi Point.

30 September 1971 Two (2) EA-6A aircraft flew ECM hops against the USS ENTERPRISE.

9 October 1971 Two (2) EA-6A sorties were flown against the HMS EAGLE.

14 October 1971 Two (2) EA-6A sorties were flown against the HMS GLAMORGAN.

21 October 1971 Three (3) RF-4B aircraft deployed to NAS Cubi Point for official photo.

30 October 1971 Two (2) EA-6A aircraft departed MCAS Iwakuni for Tainan A. B., Taiwan to participate in exercise EAGLE.

17 November 1971 Flew One (1) EA-6A sortie on exercise BEAVERHOUND.

29 November 1971 Flew One (1) EA-6A sortie on exercise BEAVERHOUND.

3 December 1971 Three (3) RF-4B departed MCAS Iwakuni for Naha A. B. for official photo.

4 December 1971 One (1) EA-6A aircraft flew a JAMES sortie against CTF-36.

9 December 1971 Flew One (1) EA-6A sortie on exercise BEAVERHOUND.

11 December 1971 Three (3) EA-6A aircraft departed MCAS Iwakuni for Tainan A. B., Taiwan to participate in exercise EAGLE.

15 December 1971 Two (2) RF-4B aircraft deployed to NAS Cubi Point for official photo.

23 December 1971 Flew one (1) EA-6A sortie on exercise BEAVERHOUND.

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7. (U) Command Relations. No significant events to report.

8. (U) Equipment. Equipment shortages are still a factor which must be delt with on a daily basis. Significant shortages include; electric power units, high pressure air units, and nitrogen carts.

9. (U) Logistics. The logistics section supported six (6) deployments between 1 July 1971 to 31 December 1971.

10. (U) Community Relations. No significant events to report.

11. (U) Communications. No significant events to report.

12. (U) Activations/Deactivations/Redesignations. None.

13. (U) Fiscal. No significant events to report.

14. (U) Management. No significant events to report.

15. (S) Readiness. As a result of the training gained during deployments, the squadron increased its combat readiness in training from C-3 to C-2 on 19 October 1971.

Enclosure (1)

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PART IV

Supporting Documents

- (1) Monthly Historical Reports
 - a. July 3 pages (Secret)
 - b. August 3 pages (Secret)
 - c. September 3 pages (Secret)
 - d. October 3 pages (Confidential)
 - e. November 3 pages (Secret)
 - f. December 4 pages (Confidential)
- (2) Eagle Exercise Reports
 - a. 003A22371 2 pages (Secret)
 - b. 03A31971 4 pages (Secret)
 - c. 003A01072 5 pages (Secret)
- (3) RF-4B Training Exercise Report NAS Gubi Point
- (4) Monthly Photo Reports
- (5) Morning Reports ✓

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10 January 1972Monthly Historical Reports

- a. Monthly Historical Report for July 1971 S&C No. D-006-72 ✓
SECRET, Copy 1 of 1
- b. Monthly Historical Report for August 1971 S&C No. D-005-72 ✓
SECRET, Copy 1 of 1
- c. Monthly Historical Report for September 1971 S&C No. D-004-72
SECRET, Copy 1 of 1
- d. Monthly Historical Report for October 1971 S&C No. D-08-71 ✓
CONFIDENTIAL, Copy 3 of 4
- e. Monthly Historical Report for November 1971 S&C No. D-0015-71
SECRET, Copy 2 of 4
- f. Monthly Historical Report for December 1971 S&C No. D-02-72 ✓
CONFIDENTIAL, Copy 3 of 5

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MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

3:TEH:rm
 5750
 003A21471
 2 August 1971

SECRET

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From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group-15 (Attn: S-3)
 Subj: Monthly Historical Report (Rpt. Symbol MC-5750)
 Ref: (a) HgO 5750.1
 (b) GruO 5750.1F

1. In accordance with the provisions of references (a) and (b), the following report is submitted:

PART I

OPERATIONS

1.(s) ECM Exercise 14 July 1971

- a. HOBO Exercise
- b. Okinawa Air Defense Command, 1 EA-6A

c. One aircraft was given a specific route over-flying Okinawa and provided an active ECM environment for various radar sites of the Okinawa Air Defense Command, both electronic and mechanical jamming were used.

d. One sortie was flown in conjunction with the Okinawa Air Defense Command, providing valuable radar operator and aircrew training.

2.(s) ECM Exercise 29 July 1971

- a. NIKEX Exercise
- b. Japanese Air Defense Command, 1 EA-6A

c. One sortie was flown in conjunction with Japanese Air Defense Command GCI sites, providing valuable training. The mission consisted of active ECM using electronic jamming.

VMCJ-1 S: C NO D-006-92
COPY <u>1</u> OF <u>1</u>

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2 August 1971

3.(S)ECM Exercise 29 July 1971

- a. BEAVERHOUND EXERCISE
- b. 5th Air Force, 1 EA-6A
- c. One passive ECM sortie was flown in conjunction with 5th Air Force GCI sites.

PART II

Minor Items of Unusual Character or of Special Interest

None

(S) PART III

Chronology of Significant Events

- 14 July 1971 One EA-6A participated in HOB0 Exercise with the Okinawa Air Defense Command.
- 25 July 1971 One EA-6A participated in JAMEX with USS BAINBRIDGE. The aircraft was unsuccessful in numerous attempts to contact the BAINBRIDGE on UHF frequencies, however, it was able to contact other controlling agencies.
- 29 July 1971 One EA-6A participated in BEAVERHOUND Exercise in conjunction with the 5th Air Force.
- 31 July 1971 Three EA-6A's were launched to participate with the Taiwan Defense Command and the 5th Air Force in Exercise EAGLE. The exercise consists of active ECM Training.

PART IV

Matters of Interest

- 1.(u)Nine official photo missions requests were received during July.
- 2.(u)Lts. HARRIS and CASSIDY attended a conference 3-6 July 1971 in Taiwan to plan EAGLE Exercise with the 5th Air Force and the Taiwan Defense Command.

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3.(U) None

4.(U) None

5.(U) None

6.(U) None

7.(U) Two officers from the 3rd Marine Division took part in an exchange program during the period 28 July to 4 August 1971. The exchange program consists of introducing and familiarizing ground officer with the facilities and capabilities of the Marine Aircraft Wing.

8.(C) Planning continued for the RF-4B deployment in September to NAS Cubi Point. Also planning is being conducted for ECM exercises with the Okinawa Air Defense Command, the Japanese Air Defense Command, and the Taiwan Defense Command, the 5th Air Force, and ships of the Seventh Fleet.

9.(U) None

10.(U) None

11.(U) None

12.(U) None

13.(U) None

14.(U) None

PART V

Supporting Documents

None

S. S. EISENHAUER

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(1a)

MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

3:TEH:rm
 5750
 003A25271
 9 September 1971

SECRET
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From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group-15 (Attn: S-3)
 Subj: Monthly Historical Report (Rpt Symbol MC-5750)
 Ref: (a) WgO 5750.1
 (b) GruO 5750.1F

1. (S) In accordance with the provisions of references (a) and (b), the following report is submitted:

PART I

OPERATIONS

1.(S) ECM Exercise 31 July - 6 August 1971

a. EAGLE Exercise

b. Taiwan Defense Command, 5th Air Force, 3 EA-6A Aircraft VMJ-1.

c. Each aircraft was given a specific route circumnavigating Taiwan and providing an ECM environment for various GCI sites, missile sites and Navy vessels of the Taiwan Defense Command. Both electronic and mechanical jamming were used.

d. A total of 16 sorties accounted for 60 flight hours of syllabus credit for non-combat qualified air-crews. Three aircrew members became combat qualified because of the exercise.

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PART II

Minor Items of Unusual Character or of Special Interest

None

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9 September 1971

(S) PART III

Chronology of Significant Events

- 31 July - 6 August Participated in ECM exercise with 5th Air Force and Taiwan Defense Command (EAGLE Exercise).
- 4 - 5 August Typhoon Olive
- 10 August 2 RF-4B aircraft flew official mosaic of Iwakuni Air Base for G-2, 1STMAW.
- 13 - 14 August Safety Stand-down. No flights were scheduled. Training for aircrews and ground support personnel.
- 23 August One RF-4B flew official mosaic of Kwang-Ju Air Base for G-2 1STMAW.
- 29 - 30 August All flights were cancelled because of Typhoon Trix.

PART IV

Matters of Interest

1.(U) Ten official photo missions were requested during August. Twenty-three official photo sorties were flown resulting in the completion of three official missions. Weather was responsible for the other seven missions not being completed. Twenty-four syllabus sorties were completed, increasing the combat readiness of all RF-4 aircrews. There would have been a substantial increase in squadron readiness as a result of the increased flight hours over last month (346.4 verses 218.4), but due to combat capable aircrew members rotating to CONUS and non-combat capable crew members arriving this increase was not realized.

2.(C) Major DOUGLAS, Captain BISHOP, Lieutenant's ALFORD and HARRIS attended a conference with the 5th Air Force and Taiwan Defense Command in Taiwan to debrief the EAGLE exercise. It was the consensus of all those present that the new tracts flown resulted in amore effective mission; that the mission was a complete success.

3.(U) Typhoons Olive (4-5 August) and Trix (29-30 August) caused flights on respective dates to be cancelled, and the squadron to go into a state of alert for inclimate weather.

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9 September 1971

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4. (U) None

5. (U) None

6. (U) None

7. (U) None

8. (U) Planning was conducted for ECM exercise with USS MIDWAY. Also in August extensive preparation for the RF4's deployment to Gubi Point on the 25th of September was conducted.

9. (U) None

10. (U) None

11. (U) None

12. (U) 13-14 August a Safety Stand-down was conducted through out the squadron. This stand-down increased safety awareness of aircrews and ground personnel both on the job and off. For two days aircrew members received schooling and refresher courses in the various aspects of safe operating procedures. Ground personnel received schooling in their respective shops on hazards and safety procedures in their various fields. Both aircrew and ground personnel were given classes in safe driving and safety off the job. As a result of the stand-down, members of the squadron where made more conscience of the various hazards involved in flight and ground operations.

13. (U) None

14. (U) None

PART V

Supporting Documents

None

S. S. EISENHAUER

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MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

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 5750
 003A29171
 18 October 1971

SECRET
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From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group-15 (Attn: S-3)
 Subj: Monthly Historical Report (Rpt Symbol MC-5750)
 Ref: (a) WgO 5750.1
 (b) GruO 5750.1D

1. (S) In accordance with the provisions of references (a) and (b), the following report is submitted:

PART I

OPERATIONS

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1.(S) ECM Exercise 3 September 1971

a. JAMEX

b. USS MIDWAY

c. One (1) EA-6A flew ECM against USS MIDWAY. Both electronic and mechanical jamming were used.

d. One (1) sortie was flown in which training for aircrew and ships ECCM personnel was provided.

2.(S) ECM Exercise 30 September 1971

a. JAMEX

b. USS ENTERPRISE

c. Two (2) EA-6A aircraft flew active and passive ECM missions against the USS ENTERPRISE.

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18 October 1971

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d. Four (4) sorties were flown utilizing both mechanical and electronic jamming.

PART II

Minor Items of Unusual Character or of Special Interest

None

(U) PART III

Chronology of Significant Events

1 September 1971	Brigadier General O'DONNELL visited the squadron area.
3 September 1971	One (1) ECM sortie (EA-6A) was flown in support of the USS MIDWAY.
10 September 1971	MAG-15 Change of Command was held in VMJ-1 hangar.
23 September 1971	Advance party left for Cubi Point Deployment (RF-4B).
25 September 1971	Main body left for Cubi Point deployment. Six (6) RF-4B aircraft left for Cubi Point.
30 September 1971	Two (2) EA-6A aircraft flew ECM against the USS ENTERPRISE.

PART IV

Matters of Interest

1. (U) None

2. (U) None

3. (U) None

4. (U) 1 September 1971, Brigadier General O'DONNELL, Assistant Wing Commander, visited the squadron for a brief on VMJ-1's commitments, activities, and responsibilities.

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5. (u) None

6. (u) None

7. (u) 1stLt BOONE took part in the Air/Ground Officer Exchange Program with the 3rd Marine Division during the period from 18 September 1971 to 26 September 1971. The program consisted of an introduction of the facilities and capabilities of the 3rd Marine Division.

8. (S) A planning conference for an ECM exercise, scheduled for October, was conducted. 1stLt HARRIS went to Singapore to attend planning conference for a JAMEX with the HMS GLAMORGAN. Planning was conducted for the proposed EAGLE exercise in November for ECM support of the Taiwan Defense Command.

9. (u) None

10. (u) None

11. (u) None

12. (u) None

13. (u) None

14. (u) None

PART V

Supporting Documents

None

S. S. EISENHAUER

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Eagle Exercise Reports

- a. 003A22371, SECRET, S&C No. D-007-72, Copy 1 of 1
- b. 03A31971, SECRET, S&C No. D009-71, Copy 4 of 4
- c. 003A01072, SECRET, S&C No. D-003-72, Copy 4 of 6

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MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

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10 January 1972

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From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group-15 (Attn: S-3)
 Subj: Monthly Historical Report
 Ref: (a) CruO 5750.1D

1. In accordance with the provisions of reference (a), the following report is submitted.

PART I

Operations

1.(U) Official Photo 3-6 December 1971

- a. Official Photo
- b. Official Photo 40-71 and 41-71
- c. Three (3) RF-4B aircraft deployed to Naha A. B. and completed official photo request 41-71 and part of 40-71.
- d. Seventeen (17) sorties were flown for 30.3 hours resulting in a combat readiness increase of 85% for the crews involved.

2.(C) ECM Exercise 4 December 1971

- a. JAMES
- b. ECM Exercise against the CTF-36
- c. One (1) EA-6A aircraft flew against TF-36 utilizing both mechanical and electronic ECM.
- d. One (1) sortie was flown. Combat readiness increase of 45% was realized for the crew involved. This was an increase of 25% for both the pilot and ACMO.

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 10 January 1972

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3.(C)ECM Exercise 9 December 1972

- a. BEAVERHOUND
- b. Passive ECM Reconnaissance
- c. One EA-6A aircraft flew in support of a BEAVERHOUND exercise.
- d. One sortie was flown for a total of four (4) syllabus credits.

4.(C)ECM Exercise 11-18 December 1972

- a. JAMES
- b. EAGLE Exercise
- c. Three (3) EA-6A aircraft flew in support of an Eagle exercise utilizing both mechanical and electronic ECM.
- d. Seventeen (17) sorties were flown. Combat readiness increase of 44% was realized for the crews involved. This was an increase of approximately 30% for the EMO's and 14% for the pilots needing training.

5.(C)ECM Exercise 23 December 1972

- a. BEAVERHOUND
- b. Passive ECM Reconnaissance
- c. One (1) EA-6A aircraft flew in support of a BEAVERHOUND exercise.
- d. One (1) sortie was flown for a total of four (4) syllabus credits.

PART II

(C) Executive Summary

The month of December showed a definite increase in the squadron performance. Having completed the squadron A&M Inspection, the primary concern of the squadron was aircraft readiness training and the completion of official missions. There were 93 RF-4B sorties flown for a total of 189.1 hours, and 61 EA-6A sorties were flown for 140.1 hours. Five (5) official photo's were completed and four (4) ECM exercises were conducted.

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(C) PART III

Operations of Strike/Attack Aircraft

- 3-6 December - Seventeen (17) photo sorties flown completing Official photo 41-71.
- 4 December - One ECM sortie flown against the C-17-36.
- 9 December - One ECM sortie flown in support of exercise BEAVERHOUND.
- 13-17 December - Seventeen (17) ECM sorties flown in support of an EAGLE exercise. Official photo 1-70 completed.
- 18 December - EAGLE aircrew attended the EAGLE workshop held at the Ministry of National Defense in Taipei, Taiwan. The aircrew then returned to MCAS Iwakuni.
- 22 December - Official photo's 39-71 and 40-71 completed.
- 23 December - One ECM sortie flown in support of exercise BEAVERHOUND.
- 24-26 December - Holiday routine for Christmas.
- 27 December - Official photo 42-71 completed.
- 28-29 December - Squadron conducted a safety stand-down.
- 31 December - Holiday routine for New Years.

(U) PART IV

Mission of Interest

a. Total flights scheduled, number of actual flights flown, and total number of flight hours for December were as follows:

	<u>Scheduled</u>	<u>Flown</u>	<u>Total Hours</u>
RF-4B	72	93	185.1
EA-6A	60	61	140.1
Total	132	154	325.2

CONFIDENTIAL

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10 January 1972

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- b. Memo
- c. Memo
- d. Memo
- e. Memo

JOHN D. CARLTON
By direction

CONFIDENTIAL

Page 4 of 4 Pages

(18)

MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

3:IGC:dwt

5750

03A34171

7 December 1971

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From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group-15 (Attn: S-3)

Subj: Monthly Historical Report

Ref: (a) GruO 5750.1D

1. In accordance with the provisions of reference (a), the following report is submitted.

PART I

Operations

1. (S) ECM Exercise 1-7 November 1971

a. JAMEX

b. Eagle exercise

c. Two EA-6A aircraft flew in support of an Eagle exercise utilizing both mechanical and electronic ECM.

d. Fourteen sorties were flown. Combat readiness increase of 44% was realized for the crews involved. This was an increase of approximately 9% per ECMO and the one pilot requiring training.

2. (S) ECM Exercise 17 November 1971

a. Beaver Hound

b. Passive ECM Reconnaissance

c. One EA-6A aircraft flew in support of a Beaver Hound exercise.

d. One sortie was flown for a total of four (4) syllabus credits.

3. (S) ECM Exercise 24 November 1971

a. Beaver Hound

VMCJ-1
S:G NO
D-0015-71
COPY <u>2</u> OF <u>4</u>

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 DECLASSIFIED AFTER 12 YEARS
 DOD DIR 5200.10

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7 December 1971

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- b. Passive ECM Reconnaissance
- c. One EA-6A aircraft flown in support of a Beaver Hound exercise.
- d. One sortie was flown for a total of four (4) syllabus credits.

PART II

(U) Narrative Summary

The month of November was primarily concerned with aircrew readiness training and preparing for a squadron A&M inspection. There were 56 RF-4B sorties flown for a total of 94.1 hours, and 45 EA-6A sorties for 107.5 hours. Two official photo's were completed and three ECM exercises were conducted.

PART III

(S) Chronology of Significant Events

- 31 October - 4 November - fourteen ECM sorties flown in support of an Eagle Exercise.
- 1 November - Official photo 36-71 completed.
- 6 November - Two EA-6A aircraft returned to MCAS Iwakuni from Eagle Exercise. The remaining aircrews attended the Eagle debrief held at the Ministry of National Defense in Taipei.
- 8 November - Major CARLTON attended a planning conference for an Eagle Exercise. Conference was held at the J-3 of the Taiwan Defense Command.
- 9 November - Remaining Eagle personnel returned to MCAS Iwakuni.
- 17 November - One ECM sortie was flown in support of Beaver Hound.
- 23 November - Official photo 39-71 completed.
- 24 November - One ECM sortie was flown in support of Beaver Hound.

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7 December 1971

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- 25 November - Squadron observed Holiday Routine for Thanksgiving day.
29 November - Group A&M Inspection Team started working A&M inspection of squadron.

(U) PART IV

Matters of Interest

a. Total flights scheduled, number of actual flights flown, and total number of flight hours for November were as follows:

	<u>Scheduled</u>	<u>Flown</u>	<u>Total Hours</u>
RF-4B	118	56	94.1
EA-6A	<u>79</u>	<u>45</u>	<u>107.5</u>
Total	<u>197</u>	<u>101</u>	<u>201.6</u>

- b. None
c. None
d. None
e. None

JOHN D. CARLTON
By direction

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(1e)

MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group 15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, P.O. San Francisco 96602

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VMCJ-1
 S. C. NO
 D-08-71
 COPY 3 OF 4

3 MCC:jma
 5750
 03A31371
 9 November 1971

From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group 15, (Attn: S-3)
 Subj.: Monthly Historical Report
 Ref.: (a) GRD 5750.1D

1. In accordance with the provisions of reference (a), the following report is submitted.

PART I
OPERATIONS

- 1.(c) ECM Exercise 9 October 1971
 - a. JAMEX
 - b. HMS Eagle
 - c. Two EA-6A aircraft flew against the HMS Eagle in support of the USS Enterprise. Both electronic and mechanical ECM were used.
 - d. Two sorties were flown in which training was accomplished by aircrews and ship's ECM personnel.
- 2.(c) ECM Exercise 14 October 1971
 - a. JAMEX
 - b. HMS Glamorgan
 - c. Two EA-6A aircraft flew active and passive ECM missions against the HMS Glamorgan
 - d. Two sorties were flown utilizing both mechanical and electronic ECM.
- 3.(c) ECM Exercise 30 October 1971
 - a. JAMEX
 - b. Republic of China Air Defense Forces on Taiwan
 - c. Period of operation was 31 October to 6 November 1971.
 - d. Twenty sorties scheduled. No reported results this date.

PART II
NARRATIVE SUMMARY

1.(c) VMCJ-1 deployed with eight RF-4B aircraft to NAS Cubi Point, Republic of the Philippines, on 25 September 1971, and began flight operations Monday 27 September. A total of 72 RF-4B sorties (118.1 hrs.) and 26 EA-6A (62.3 hrs.) were flown, for a total of 98 sorties and 180.4 hours, 14.4 hrs. of which were night time, and 6.5 hrs. of which were instrument time, resulting in 78 syllabus completions. Three pilots and two NFO's completed Phase II qualifications. The squadron returned to MCAS Iwakuni on 14 October 1971. VMCJ-1 sent another deployment consisting of three RF-4B aircraft to NAS Cubi Pt. on 21 October. They completed six official mission requests and returned to MCAS Iwakuni on 29 October 1971.

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9 November 1971(U) PART III
CHRONOLOGY OF SIGNIFICANT EVENTS

2 October 1971: Two RF-4B's departed NAS Cubi Point for NAS Naha, for a 1stMAW commitment, official mission request 36-71, for a period of six days.

9 October 1971: Two EA-6A's flew two sorties against the HMS Eagle.

14 October: Two EA-6A's flew two sorties against the HMS Glamorgan and VMCJ-1, departed for MCAS Iwakuni from NAS Cubi Point.

17 October: The last aircraft arrived from NAS Cubi Point to MCAS Iwakuni.

21 October: Three RF-4B's and necessary support personnel were deployed to NAS Cubi Point to fulfill official mission requests 22-71, 31-71, 38-71, Subic Bay obliques, and vertical mosaics of NAS Cubi Point and Manila International.

26 October: Official mission request 22-71 completed.

27 October: Official mission request NAS Cubi Point and Manila Intl. completed.

28 October: Official mission request 38-71 completed.

29 October: Official mission request 31-71 completed, VMCJ-1 detachment returned to MCAS Iwakuni.

PART IV
MATTERS OF INTEREST

1. (U) Total flights scheduled, number of actual flights flown, and total number of flight hours for the month were as follows:

	Scheduled	Flown	Total Hours
a. RF-4B	267	126	221.0
EA-6A	<u>61</u>	<u>43</u>	<u>96.6</u>
Totals	328	169	317.6

b. None

c. Three pilots and two WFO's became Phase II qualified.

d. None

e. On 4 October 1971, weather became a determining factor in VMCJ-1's flight operations, while deployed in NAS Cubi Point. The arrival of tropical storm Elaine, followed by Fayo and Gloria contributed to the resulting loss of nine flying days and 122 scheduled sorties by 13 October. -During this nine day period the aircraft maintenance effort was hampered by 23.47 inches of rain, attributed to these tropical storms.

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9 November 1971

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JOHN D. CARLTON
By direction

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(1d)

HEADQUARTERS
1st Marine Aircraft Wing
Fleet Marine Force, Pacific
FPO San Francisco 96602

3:KWB:tjb
3500
003A22371
11 August 1971

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SECRET

From: Captain K. W. BEST 0104726/7584 USMCR
To: Commanding General, 1st Marine Aircraft Wing
Via: (1) Assistant Chief of Staff, G-3
(2) Chief of Staff
(3) Assistant Wing Commander

Subj: EAGLE Exercise; report of

VMCJ-1 S. C NO D-007-72
COPY <u>1</u> OF <u>1</u>

1.(U)Enclosure (1) discussed the EAGLE Planning Conference held on 7 July 1971 in Taipei, Taiwan. The purpose of this report is to discuss the conduct of the exercise held from 1 August to 6 August 1971.

2.(C)On 31 July 1971 three EA-6A's departed MCAS Iwakuni for NAF Naha. The aircraft remained over night at Naha. Two of them departed the next day at 1140 to begin the six day exercise. The first portion of the exercise was a fly-in from Okinawa of participating aircraft (two EB-57's two T-33's and three EA-6A's). Immediately after arrival at Tainan Air Base a briefing was given by the Chinese Air Force covering the conduct of the exercise. Support personnel and additional aircrews had arrived the previous day via KC-130. At that briefing we learned that the Chinese had accepted the new routes which we proposed at the Planning Conference in July. The Third EA-6A arrived late on the afternoon of 2 August.

3.(S)As anticipated the new routes proved highly successful. Seventeen sorties were flown in support of the exercise. The majority of the personnel who flew these sorties had no experience whatsoever in an environment of this sort. A total of 74 combat rating percentage points were earned by seven training base personnel, an average increase of 10% per man. The next EAGLE Exercise is scheduled for 6 - 10 September. No planning conference is envisioned due to the short amount of time remaining.

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It is anticipated that the next exercise will be conducted in the same manner as the past one. At the debrief held in Taipei on 7 August reports of jamming effectiveness by participating units indicated that as anticipated the overall strength and quality of jamming received was greater than ever before. This gave the Chinese a better training environment in which to work and indicates that we are performing our mission. Once again this must be credited to our being allowed to utilize routes which are designed to most effectively position the aircraft in the air warfare environment.

4.1(u) The value of the EAGLE exercise as an active ECM training mission cannot be overemphasized. However active ECM is not the only valuable training which can be derived from an exercise of this sort. At the present time there are no field grade officers in VMCJ-1 who are qualified in the EA-6A aircraft. It would therefore seem obvious that there is no need for a field grade officer to accompany the detachment since one could in no way participate in the exercise. The inclusion of such an officer in the detachment carries the implied insinuation that company grade officers are not able to effectively direct a detachment of this sort. Such a situation occurred on this exercise and the resultant resentment was most obvious. Of the ten company grade officers who participated in this exercise, four were captains, three of whom were combat experienced. The direct cost to the government (TAD) to send an officer on this deployment was approximately \$180.00. In view of the lack of truly responsible leadership positions for company grade officers in the Wing and the paucity of funds at a time when the Marine Corps is phasing down to peacetime size I recommend that for future deployments of this sort no personnel not qualified to participate in the exercise be sent as a part of the detachment and that where possible a company grade officer be assigned as OIC of the detachment.

K. W. BEST
Capt USMCR

Copy to:
CO, VMCJ-1

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MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, PPO San Francisco 96302

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GROUP

VMCJ-1
 S:G NO
 D-009-71

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 09A31971

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0052-72/Att 1

COPY No. 1 of 3

From: Commanding Officer
 To: Commanding General, 1st Marine Aircraft Wing
 Via: Commanding Officer, Marine Aircraft Group-15

Subj: Eagle Exercise, Post Exercise Debrief, and Planning Conference;
 report of

1. (U) This report contains information relative to the Eagle Exercise conducted from 31 October to 5 November, the post exercise debrief of 6 November, and the planning conference on 8 November for a future Eagle Exercise.

2. (U) The jamming aircraft utilized for this exercise were two EA-6A's from VMCJ-1, two EB-57's, and two T-33's of the USAF 18th Tactical Fighter Wing. The EA-6A's were each equipped with three ALQ-76 pods containing a total of twelve steerable, directional jamming transmitters, two ALR-32 chaff dispenser pods, and an internal ALR-1B chaff dispenser. The EB-57's were equipped with ALR-6B omnidirectional jamming transmitters and chaff pods. The T-33's were equipped with an ALQ-71 and an ALQ-72 omnidirectional jamming transmitter. The T-33's have no passive capability and the EB-57's have only a limited passive capability. The EA-6A's were the only aircraft possessing a complete passive system allowing utilization of the more efficient, directional, steerable ALQ-76 jamming transmitters. The major limitation of the EA-6A at this time is the number of ALQ-76 transmitters available in certain frequency ranges. The majority of the transmitters (Band 4) were directed towards the frequencies encompassing the height finder radar of the ground controlled intercept (GCI) sites and the acquisition and tracking radar of the missile and anti air artillery sites. Only one Band 1, 6 and 8 transmitters per aircraft were available for the frequencies which contain the early warning radar of the GCI sites and the fire control radars of Navy ships, missile sites, and interceptor aircraft. This deficiency is being lessened as VMCJ-1's ALQ-76 inventory increases.

3. (U) Two EA-6A's departed MCAS Iwakuni on 30 October for Kadena AFB to conduct pre-exercise coordination with members of the 18th TFW. Support personnel and additional aircraft departed MCAS Iwakuni on 30 October by KC-130F for Taichang AFB Taiwan. The exercise aircraft flew into Taichang on 31 October conducting the first portion of the six day exercise. A briefing was conducted for all aircraft at Taichang on the afternoon of 31 October. The briefing, hosted by Captain Lu of the Navy of the Republic of China, was very extensive, covering routes to be flown, schedule of aircraft by

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Route, time and altitude; controlling agencies by area, communications frequencies to be used; and rules of engagement for intercepts, electronic and mechanical jamming. Also included in the briefing of the routes was an overlay depicting the interaction and mutual support of all routes for each day. All participating Chinese units were represented so that all units were assured an identical brief. Additionally an orientation trip to a radar site was finalized and on Wednesday two Air Force and three Marine crew members visited the Ta Hsu Shan Combat Reporting Point. There they observed the effects of the jamming aircraft upon the radar scopes.

4(C)VMJ-1 flew fourteen sorties of eighteen scheduled. Two sorties were cancelled by the Chinese and two were cancelled due to weather. VMJ-1 maintained 100% aircraft availability. A total of 44 combat rating percentage points were earned by five personnel, an average increase of 9% per man.

5(5) The debrief for this exercise was held at the Ministry of National Defense in Taipei on 6 November. Lt Gen Chen, Head of the Bureau of Communications of the Ministry of National Defense, hosted the debrief. The following condition codes were used and reported for the radars associated with the typo sites.

Condition 0 - No Electronic Countermeasures (ECM) observed - radar targets in the clear.

Condition 1 - Light ECM - Electronic Counter - Countermeasures (ECCM) fixes are not needed to track radar targets.

Condition 2 - Medium ECM - ECCM fixes are required to track radar targets.

Condition 3 - Heavy ECM - No radar targets can be tracked, even when using ECCM fixes.

- a. Chinese missile group composed of NMIS and NAME installations reported condition two overall.
- b. Chinese Acquisition and Warning Group.

Electronic	Mechanical (Chaff)
condition 1 - 125	95
2 - 83	15
3 - 26	5

- c. Chinese Air Defense Artillery group

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Electronic
 condition 1 - 9
 2 - 20
 3 - 13

d. Navy Coastal Radar group

This group did not report any condition codes but reported that they had to employ the Post Time Constant (PTC) fix 70% of the time and the Sensitivity Time Control (STC) fix 65% of the time in order to locate the targets. PTC is an ECCM fix that discriminates between the radar return pulse and jamming or ground clutter. STC is an ECCM fix whereby the intermediate frequency (IF) gain of the radar is varied as a function of range, following the receiver of an overload from clutter of nearby targets.

e. The Combat Air Command reported a 77.3% interception rate. They launched a total of 15 flights, 30 sorties. The U.S. aircraft observed a total of 11 intercepts. Only 1 of the 11 intercepts was experienced by WCH-1.

f. All participating units discussed the overall quality of the exercise and resolved difficulties, which were observed, to improve future exercises. The main problem was to insure, for safety of flight, that three way communication existed between the CCI controller, the intercept aircraft and the jamming aircraft. If this was not accomplished, the U.S. aircraft would not sanction the intercept. One other problem arose during the Navy exercise when the jamming aircraft could not establish UHF communications with the flag ships.

g. The reason for the code ones was that this exercise was conducted against half of the country at a time making it impossible for the six aircraft to continuously provide effective jamming for all sites all of the time. The next Eagle Exercise will place at least two ECCM Aircraft against one site at one time. This will enable the ground controllers to receive maximum training in a truly realistic environment.

6. (u) The planning conference for the Eagle Exercise to be conducted 13-17 December was held on 8 November at the J-3 of the Taiwan Defense Command (TDC). Unit representatives were LtCol BELL (USAF TDC), Major LUSON (USMC TDC), LtCol TATE (USAF 18th TFW), Major CARLTON (USMC WCH-1),

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and LtCol LIX (ROC AF). All units agreed on the tentative schedule of events, routes to be flown, and tactics to be employed.

7(c) The value of this exercise to VMCI-1 cannot be overemphasized. This is the best training environment available in this portion of the world. The entire radar systems of the Republic of China (ROC) are pitted against the capabilities and abilities of the U.S. aircraft and personnel. Realistic, real time, evaluation is supplied by radio communication, timely reports and aircraft intercepts. This enables corrections to be made for rapid improvement of operator technique in various and changing electronic environments and improved jamming effectiveness on the victim radars which provides better training for the ground operators.

S. S. EISENHOWER

Copy to:
CO, MAC-15
CO, VMCI-1

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(2)

MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group-15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

30JDC:mt
 4630

009201072

10 January 1972

~~SECRET~~

From: Commanding Officer
 To: Commanding General, First Marine Aircraft Wing
 Via: Commanding Officer, Marine Aircraft Group-15

SECRET

Subj: Eagle Exercise, Post Exercise Debrief, and Planning Conference;
 report of

1.(4) This report contains information relative to the Eagle Exercise conducted from 13 December to 17 December and the post exercise debrief and planning conference 18 December 1971.

2.(5) The Eagle Exercise provides the Nationalist Chinese training in the recognition of electronic and mechanical jamming, and the use of Electronic Counter-Counter measures to counter-act the effects of the jamming. It further offers an optimal environment for VMJ-1 aircraft training in that the ACMG is afforded the opportunity to work several types of threat radars simultaneously.

3.(5) The jamming aircraft for this exercise were three EA-6A's from VMJ-1 and two EB-57's from the USAF 18th Tactical Fighter Wing. The EA-6A's were each equipped with three ALQ-76 pods containing a total of twelve steerable, directional jamming transmitters, two ALQ-32 chaff dispenser pods, an internal ALQ-18 chaff dispenser, two ALR-15 warning receivers, two ALQ-100 deception repeaters and one ALQ-41 deception repeater. The EB-57's were equipped with ALQ-63 omnidirectional jamming transmitters and chaff pods. The EB-57's have only a limited passive capability. The EA-6A's possess a complete passive system allowing utilization of steerable ALQ-76 jamming transmitters. The EA-6A jamming capabilities in the frequency range containing the Ground Controlled Intercept (GCI) early warning radar, missile control radar and airborne interceptor radar frequencies has been improved since the previous exercise by the receipt of additional band one and band eight jammers. The band four jammer, which is the primary jammer, is utilized against height finder radars for GCI and the acquisition and tracking radars for missiles and anti-air artillery (AAA) sites.

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 10 January 1972

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4. (U) Three EI-61's departed MCAS Iwakuni on 11 December for Radom Air Base to conduct pre-exercise coordination with members of the 18th Tactical Fighter Wing. Upon arrival at Radom, one of the EI-61's had mechanical difficulties. The KC-130 carrying support personnel departed Iwakuni 12 December and was diverted to Radom to effect repairs on the down EI-61. After completion of repairs the KC-130 continued to Taiwan. The EI-61's departed Radom at 12001 13 December 1971.

5. (C) Briefings for the exercise flights from Taiwan Air Base, were conducted prior to each jamming period by the 18th TFW. F-105-1 flew seventeen exercise sorties from the afternoon of 13 December to 17 December while having originally been scheduled for fourteen. Two of the additional sorties were flown as replacements for an F-57 which was down for maintenance and the third sortie gained by flying two EI-61's in section on the same route to provide additional jamming power, one maintenance sortie was flown. The complete exercise, from departure to return to MCAS Iwakuni, logged 30 flights for a total of 65.2 hours. A total of 30 combat rating percentage points were earned by the five Electronic Counter Measures Operators (ECMO), for an average of 6 points per ECMO. A total of 15 combat rating percentage points were earned by the five pilots for an average of 3 points per pilot.

6. (S) The debrief for this exercise was held at the Ministry of National Defense in Taipei on 18 November 1971. LtGen. Chen, Head of the Bureau of Communications of the Ministry of National Defense, hosted the conference. Condition codes used were the same as those set forth in my report of 15 November 1971.

a. The Chinese missile group composed of Mike and Hawk installations reported that jamming was stronger than the previous exercise.

b. The Chinese Navy participated in the exercise for two hours on 14 December 1971. They reported receiving condition 3 jamming at the start of the period and condition 1 at the end of the period.

c. The Chinese Combat Air Command assigned 30 flights/60 sorties to perform intercepts during the exercise. Intercepts were achieved by 28 of the 30 flights. F-105-1 aircraft observed 11 intercepts.

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10 January 1972

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d. The Chinese Acquisition and Warning Group (ACAW) reported electronic and chaff jamming as follows:

	ELECTRONIC	CHAFF
CONDITION 1	127	119
2	119	15
3	34	0

e. The Chinese Air Defense Artillery Group (ADA) reported that jamming was stronger than the previous exercise. The representative brought out the need for additional ECM fixes on the ECR-534 fire control radar.

A general discussion of problems and ideas for the January 1972 Englo brought forth the following points:

- a. Continue to insure that three way communication exists between the GCI controller, the interceptor aircraft and the jamming aircraft.
- b. The assignment of specific missile sites to jamming aircraft and vice versa.
- c. That continued efforts be made to practice GCI communications jamming.
- d. That continued efforts be made to have the GCI controllers reply quickly with the correct authenticator when challenged.
- e. To conduct the exercise using Chinese GCI controllers as much as possible. (It was felt that the American controllers were leading to much assistance.)
- f. The Air Force Special Communications Command (AFSCC) from San Antonio Texas will evaluate the January Englo Exercise and should be able to provide a valuable critique of the entire exercise.
- g. To consolidate and update the Englo operations plan.

LtGen. GIBB concluded the meeting by expressing his gratitude to all of the participating units for what he considered "a superior exercise" and urging all units to be adequately prepared for the January Englo. Following the meeting, the January schedule was finalized.

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7. (u) The December Eagle Exercise again provided the aircrews of VMJ-1 with the finest quality training available. The EW/O's are allowed to utilize and sharpen their skills against a complete threat emitter environment. The geographic location of the various emitter sites, the diversified frequency range and various types of emitters call for the utilization of all but one of the jamming systems aboard the aircraft, thereby fully utilizing the aircraft systems and the pilot/EWO team. The ability to communicate directly with the GCI site gives the aircrew an immediate appraisal of their tactics which is an invaluable training aid. Scheduling the KC-130 so that it may be diverted to Okinawa while enroute to Taiwan, is highly desirable to assure full availability of aircraft. For the December Eagle four (4) spare AKA-76 jammers were included in the Maintenance pack-up. This was a profitable decision because of jammer attrition throughout the week. As for the January Eagle we are planning to take 15 spare jammers to allow for jammer attrition and changes in aircraft configuration as the missions assigned during the week vary. Also included in the pack-up will be one RFI AKA-86 system. This is necessary to insure operational readiness of the passive system. It is highly desirable that a minimum of three EA-61's deploy to Taiwan to provide adequate back-up aircraft for the primary mission. Also, as was demonstrated in December, the back-up aircraft can be utilized by flying the mission with the primary aircraft and providing even more intensified jamming.

8. Lessons learned from a maintenance standpoint were:

- a. High failure rate of MW-1 compass system.
- b. Low reliability of the ASM-66 Navigation Computer.
- c. The line test sets for both these systems were not included in the maintenance pack-up and could have been an invaluable trouble shooting aid.

It is recommended that on subsequent exercises the GCI's task involving both the MW-1 compass system and ASM-66 system be relocated to Taiwan to assist in line trouble shooting and training of GCI personnel in the use of test equipment.

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Page 4 of 5 Pages

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10 January 1972

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9.(c) The December Eagle exercise was a smoothly run, highly successful exercise. It provided training to the Nationalist Chinese in the recognition of electronic and chaff jamming and the use of ECM to counteract the jamming, and significantly enhanced the combat readiness of VMJ-1 aircraft. We hope to take the lessons we have learned from past Eagle Exercises and produce an even better performance for the Nationalist Chinese and the Air Force Special Communications Center in January.

R. T. BRUGLAS
Acting

Copy to:
CG, MAC-15

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10 January 1972

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RF-4B Training Exercise Report NAS Cubi Point

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(3)

MARINE COMPOSITE RECONNAISSANCE SQUADRON ONE
 Marine Aircraft Group 15, 1st Marine Aircraft Wing
 Fleet Marine Force, Pacific, FPO San Francisco 96602

03:JMC:dtb
 3120
 1 November 1971

From: Commanding Officer
 To: Commanding Officer, Marine Aircraft Group 15 (Attn: S-3)
 Subj: Training Exercise Report (U)
 Ref: (a) GruO 3120.2

1.(u)The following report is submitted in accordance with reference (a):

VMCJ-1 deployed with eight RF-4B aircraft to NAS Cubi Point, Republic of the Philippines on 25 September 1971 and began flight operations the following Monday, 27 September.

The training consisted of Phase II qualification of first tour aircrews, in addition to refresher training for those crews already Phase II qualified. A total of 127 sorties were flown for a total of 203 hours (21.7 of which were night time and 6.5 of which were instrument time) resulting in 78 syllabus completions, and the Phase II qualification of 3 pilots and 2 NFO's.

During the deployment 88 photo flash cartridges were fired in the course of night photo work.

On 27 September two RF-4B's departed NAS Cubi Point for MCAS Iwakuni on a special Wing Commitment for a period of three days.

Again on 2 October two RF-4B's departed NAS Cubi Point for NAS Naha for another Wing commitment for a period of 6 days.

On 8 October three EA-6A's arrived in Cubi for Jamex with HMS Eagle, using mechanical and electrical ECM. On 14 October 2 EA-6A's worked with HMS Glamorgan using mechanical and electrical ECM. A total of 8 active ECM sorties were flown from 29 September to 14 October.

On 4 October weather began to be the determining factor in VMCJ-1 flight operations with the arrival of tropical storm Elaine. By 13 October NAS Cubi Point had been hit by Elaine three times and also by Faye and Gloria, resulting in the loss of nine days of flying and 122 scheduled sorties. A total of 23.47 inches of rain fell from 4-13 October.

VMCJ-1 departed Cubi Point 14 October.

John D. Carlton
 By Direction

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10 January 1972

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Monthly Photo Reports

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PLANNING AND BRIEFING SECTION
 Marine Composite Reconnaissance Squadron 1
 Marine Aircraft Group 15
 1st Marine Aircraft Wing, FMFPacific
 WFO San Francisco, California 96602

OJ:TEH:gfs
 4 Aug. 1971

From: P&B Officer
 To: Commanding Officer
 Via: Operations Officer

Subj.: Monthly Photo Report, Month of July

1. (u) The following is the status of photographic missions flown by this squadron during the month of July.

Official Sorties Flown.....	<u>8</u>
Official Missions Completed.....	<u>0</u>
Syllabus Sorties Flown.....	<u>13</u>
Syllabus Sorties Completed.....	<u>7</u>
Official Missions Cancelled.....	<u>4</u>
Official Missions Awaiting Completion	<u>10</u>
Miscellaneous Sorties Flown.....	<u>2</u>
Total Sorties Flown.....	<u>28</u>

2. (u) Official Missions cancelled by 1st MAW G-2 were: 24-71; 25-71; 26-71; and 27-71.

3. (u) Official Missions awaiting to be completed in order are: 1-70; 17-70; 22-71; 28-71; 29-71; 30-71; 31-71; 32-71; 33-71; and 34-71.

T. E. Hill
 Capt. USMC

(4)

PLANNING AND BRIEFING SECTION
 Marine Composite Reconnaissance Squadron 1
 Marine Aircraft Group 15
 1st Marine Aircraft Wing, FMFPacific
 Fleet Post Office, San Francisco, California 96602

O3:BTB:jmm
 1 September 1971

From: P&B Officer
 To: Commanding Officer
 Via: Operational Officer
 Subj.: Monthly Photo Report, Month of August

1.(U)The following is the status of photographic missions flown by this squadron during the month of August.

Official Sorties Flown.....	<u>23</u>
Official Missions Completed.....	<u>3</u>
Syllabus Sorties Flown.....	<u>24</u>
Syllabus Sorties Completed.....	<u>7</u>
Official Missions Cancelled.....	<u>5</u>
Official Missions Awaiting Completion...	<u>7</u>
Miscellaneous Sorties Flown.....	<u>0</u>
Total Sorties Flown.....	<u>47</u>

2.(U)Official missions completed for PIU, G-2 1st MAW, were: 17-70; which was a 5 mi. radius mosaic of MCAS Iwakuni, also 3 mi. radius mission 34-71; and 35-71, vertical strip of Kwang-ju Air Base, Korea.

3.(U)Official Missions cancelled were: 28-71; 29-71; 30-71; 31-71; and 32-71. which do not with GCI of the Local area. Requested by MACG-18.

4.(U)Official Missions waiting to be completed in order are: 1-70; 22-71; 24-71; 25-71; 26-71; 27-71; and 33-71.

5.(U)During this month inclement weather was a decisive factor in the amount of missions completed. Two typhoon alerts and IFR flying conditions precluded this photographic reconnaissance effort.

B.F. BLACKHAM
 1st Lt., USMC

(4)

PLANNING AND BRIEFING SECTION
 Marine Composite Reconnaissance Squadron 1
 Marine Aircraft Group 15
 1st Marine Aircraft Wing, FMFPacific
 Fleet Post Office, San Francisco, California 96602

OJ:ETB:glc
 18 October 1971

From: P&B Officer
 To: Commanding Officer
 Via: Operations Officer

Subj: Monthly Photo Report, Month of September

1. (U) The following is the status of photographic missions flown by this squadron during the month of September.

Official Sorties Flown.....	<u>2</u>
Official Missions Completed.....	<u>0</u>
Syllabus Sorties Flown.....	<u>45</u>
Syllabus Sorties Completed.....	<u>24</u>
Official Missions Cancelled.....	<u>0</u>
Official Missions Awaiting Completion.....	<u>7</u>
Miscellaneous Sorties Flown;.....	<u>13</u>
Total Sorties Flown.....	<u>63</u>

2. (U) Official Missions awaiting completion in order are: 1-70; 22-71; 24-71; 25-71; 26-71; 27-71; and 33-71.

3. (U) The squadron deployed to NAS Cubi Point, R.P. on 23 September (advanced party), on 27 September flight operations commenced. During the month of September, on the 17th and the 18th, flight operations were sector'd due to inclement weather.

B.T. Blackham
 1stLt. USMCR

(4)

PLANNING AND BRIEFING SECTION
 Marine Composite Reconnaissance Squadron 1
 Marine Aircraft Group 15
 1st Marine Aircraft Wing, FMFPac
 Fleet Post Office, San Francisco, California 96602

03:LGC:gfs
 2 November 1971

From: P&B Officer
 To: Commanding Officer
 Via: Operations Officer
 Subj: Monthly Photo Report, Month of October

1.(U)The following is the status of the photographic missions flown by this squadron during the month of October.

Official Sorties Flown.....	<u>23</u>
Official Missions Completed.....	<u>6</u>
Syllabus Sorties Flown.....	<u>28</u>
Syllabus Sorties Completed.....	<u>13</u>
Official Missions Cancelled.....	<u>4</u>
Official Missions Awaiting Completion.....	<u>4</u>
Miscellaneous Sorties Flown.....	<u>19</u>
Total Sorties Flown.....	<u>126</u>

2.(U)Official missions completed for PIU, G-2 1st MAW, were: 36-71 Okinawa Mosaic; 37-71 Subic Bay Mosaic CDIR; 38-71 Paluan Bay Mindoro (Philippines); NAS Cubi Pt.; Manila Intl.; and Subic Bay Obliques.

3.(U)Official Missions cancelled were as follows: 24-71 Korea; 25-71 Korea; 26-71 Korea; 27-71 Korea. These dealt with Commando Jade.

4.(U)Official Missions awaiting completion are: 1-70 Fuji Mosaic; 33-71 Atsugi Mosaic; 22-71 Crow Valley (Philippines); and 39-71 Fuji Gotemba.

5.(U)During the month of October the squadron was deployed to NAS Cubi Pt. Philippines. In the beginning of the month three typhoons created poor conditions for the completion of photo missions while in Cubi Pt.

I.G. Cowell
 1stLt. USMCR

(4)

PLANNING AND BRIEFING SECTION
 Marine Composite Reconnaissance Squadron 1
 Marine Aircraft Group 15
 1st Marine Aircraft Wing, FMFPac
 Fleet Post Office, San Francisco, California 96602

03:LGC:grs
 2 December 1971

From: P&B Officer
 To: Commanding Officer
 Via: Operations Officer

Subj: Monthly Photo Report, Month of November

1. (u) The following is the status of photographic missions flown by this squadron during the month of November.

Official Sorties Flown.....	<u>5</u>
Official Missions Completed.....	<u>0</u>
Syllabus Sorties Flown.....	<u>15</u>
Syllabus Sorties Completed.....	<u>4</u>
Official Missions Cancelled.....	<u>1</u>
Official Missions Awaiting Completion.....	<u>5</u>
Miscellaneous Sorties Flown.....	<u>19</u>
Total Sorties Flown.....	<u>56</u>

2. (u) Official Missions awaiting completion for PIU, G-2 1st MAW, were: 1-70 Fuji Mosaic; 22-71 Crow Valley (Philippines); 39-71 Fuji Gotamba; 40-71 Okinawa; and 41-71 Tgt. Study (Conf.).

3. (u) Official Missions cancelled were: 33-71 Atsugi Mosaic.

4. On 30 November two RF-4B's departed MCAS Iwakuni for an attempted deployment to NAS Naha but were forced to return due to aircraft malfunction. The deployment was rescheduled for the following week.

LGC. Cowell
 1st Lt. USMC

(4)

PLANNING AND BRIEFING SECTION
 Marine Composite Reconnaissance Squadron 1
 Marine Aircraft Group 15
 1st Marine Aircraft Wing, FMFPac
 Fleet Post Office, San Francisco California 96602

03:IGC:gfs
 30 December 1971

From: P&B Officer
 To: Commanding Officer
 Via: Operations Officer

Subj: Monthly Photo Report, Month Of December

1(u) The following is the status of photographic missions flown by this squadron during the month of December.

Official Sorties Flown.....	<u>33</u>
Official Missions Completed.....	<u>5</u>
Syllabus Sorties Flown.....	<u>18</u>
Syllabus Sorties Completed.....	<u>6</u>
Official Missions Cancelled.....	<u>0</u>
Official Missions Awaiting Completion.....	<u>1</u>
Miscellaneous Sorties Flown.....	<u>2</u>
Total Sorties Flown.....	<u> </u>

2(u) Official Missions completed for PIU, G-2 1st MAW, were: 1-70 Fuji Mosaic; 39-71 Fuji Gotemba; 40-71 Okinawa; 41-71 Tgt. Study (Conf.); 42-71 Fuji Gotemba Supplement.

3(u) Official Missions awaiting completion are: 22-71 Crow Valley (Philippines)

4(u) During the month of December two small detachment deployments were made to complete official missions. One was to NAS Naha from 3-6 Dec. and the second to NAS Cubi Pt. from 15-21 Dec. A total of 29 sorties were effected on these deployments resulting in the completion of 2 Official Missions.

L.G. Cowell
 1stLt. USMCR

(4)

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003A01072
10 January 1972

SECRET

Morning Reports

SECRET

(5)

1-31 JULY 1971

135	68	63	5	72	5	11.8	270.0	119.7
87	42	41	1	51	7	3.6	217.0	98.7
222	110	104	6	123	12	15.4	487.0	218.4

	83				6
	95				2
	178				8

1-31 AUGUST 1971

153	90	87	3	74	11	5.9	306.0	158.9
115	77	75	2	40	2	8.6	282.5	187.5
268	167	162	5	114	13	14.5	588.5	346.4

160

4

140

13

300

17

UNITED STATES DEPARTMENT OF DEFENSE

DEFENSE INTELLIGENCE AGENCY

MEMORANDUM FOR THE DIRECTOR, DIA

SUBJECT:

DATE:

1. SUMMARY OF THE INFORMATION RECEIVED AND ANALYSED DURING THE PERIOD 1-31 OCTOBER 1971

2. ANALYSIS OF THE INFORMATION RECEIVED AND ANALYSED DURING THE PERIOD 1-31 OCTOBER 1971

3. CONCLUSIONS

4. RECOMMENDATIONS

5. REFERENCES

6. DISTRIBUTION STATEMENTS

7. TOTAL

1-31 October 1971

8. SUMMARY

9. TOTAL

10. SOURCE	11. NUMBER OF REPORTS	12. NUMBER OF PAGES	13. NUMBER OF WORDS	14. NUMBER OF CHARACTERS	15. NUMBER OF SYLLABLES	16. NUMBER OF SENTENCES	17. NUMBER OF PARAGRAPHS	18. NUMBER OF SECTIONS	19. NUMBER OF SUBSECTIONS
20. SOURCE	267	126	113	13	147	4	20.9	423.5	221.0
21. SOURCE	61	43	36	7	25	7	16.5	142.5	96.6
22. SOURCE	328	169	149	20	172	11	37.4	566.0	317.6

23. TOTAL

24. TOTAL

25. TOTAL

26. TOTAL

27. TOTAL

28. TOTAL

29. TOTAL

30. TOTAL

31. TOTAL

Submarine and Torpedo Squadrons, Pacific Fleet, San Diego, California

NAVY RECORDS

NAVY SANITARY

Page

Number

Date

PERSONNEL ASSISTANCE SERVICES 1-30 NOVEMBER 1971

	AMOUNT OF	PERSONNEL	PERCENTAGE	OF TOTAL	PERSONNEL	PERCENTAGE	OF TOTAL	PERSONNEL	PERCENTAGE	OF TOTAL
118	56	38	16	78	16	23.8	234.0	94.1		
79	45	35	12	37	3	24.8	209.5	107.5		
TOTAL	197	101	73	28	115	48.6	443.5	201.6		

NAVY RECORDS

NAVY SANITARY

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Page

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PERSONNEL ASSISTANCE SERVICES

1-31 DECEMBER 1971

	72	94	85	8	43	65	4.6	144.0	186.6
	60	61	52	9	32	33	10.0	150.0	140.1
	132	155	137	17	75	98	14.6	294.0	326.7

	110	10
	79	25
	189	35