

MARINE AIR CONTROL SQUADRON FOUR
Marine Air Control Group 18
1st Marine Aircraft Wing, FMF, Pacific
FPO, San Francisco, California 96602

1:DST:hcf
5750
01A21868
5 August 1968
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From: Commanding Officer
To: Commanding Officer, Marine Air Control Group 18
Subj: Command Chronology for period 1 July 1968 to 31 July 1968
Ref: (a) WgO 5750.1C
(b) GruO 5750.1

Encl: ☒ (1) Organizational Data
☒ (2) Narrative Summary
☒ (3) Significant Events

1. In accordance with the provisions of references (a) and (b), enclosures (1) through (3) are submitted.
2. This letter is downgraded to unclassified upon removal of the enclosures.

D. S. Twining
D. S. TWINING

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

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MACS-4

Cmd CHRON

July 1968

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5750
01A21868
5 August 1968

COMMAND CHRONOLOGY

1 July 1968 to 31 July 1968

INDEX

PART I - ORGANIZATIONAL DATA

PART II - NARRATIVE SUMMARY

PART III - SIGNIFICANT EVENTS

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5750
OLA21868
5 August 1968

PART I

ORGANIZATIONAL DATA

1. COMMAND AND STAFF

- a. Commanding Officer - LtCol David S. TWINING
- b. Executive Officer - Major Donald C. PAULEY
- c. Sergeant Major - MSgt Charles F. COOK
- d. S-1 Officer - Major Donald C. PAULEY (1 July to 24 July 1968)
1stLt Edward M. ZERBE (25 July to 31 July 1968)
- e. S-2 Officer - Major Earnest (N) JARVIS
- f. S-3 Officer - Major Paul H. WAGENER
- g. S-4 Officer - Capt Thomas C. BONGARD
- h. Comm-Elect Officer - Capt Jon T. FLINT

2. TASK ORGANIZATION AND UNIT LOCATION

a. Task Organization

- (1) Marine Air Control Squadron Four
- (2) Attached Unit - Tactical Data Communications Central, AN/TYA-3
with maintenance and computer programing personnel from H&HS-18, MACG-18.

b. Unit Location - Danang, Republic of Vietnam

3. AVERAGE MONTHLY STRENGTH

- a. Average Monthly Strength - 36 Officers
276 Enlisted (USMC)
2 Enlisted (USN)

4. IMPORTANT VISITORS TO THE COMMAND

- a. The following important visitors to this command were briefed on the Squadron Mission, operation and equipment. Briefings on the dates indicated, were followed by tours of the site.

ENCLOSURE (1)

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5750
01A21868
5 August 1968

PART III

SIGNIFICANT EVENTS

1. OPERATIONS

a. The following services were provided during the month:

- (1) Tracks reported to Panama - 11
- (2) Aircraft Provided Navigational Assistance - 12,936
- (3) TPQ-10 Runs Monitored - 1,299
- (4) IFF/SIF - 10,765
- (5) GCI/GCA - 1,193
- (6) Intercepts (practice) - attempted 155
completed 145

2. LOGISTICS

a. The T/E shortage of one (1) PU-344 generator and four (4) PU-648 generators exists.

3. MOTOR TRANSPORT

a. During the month, MACS-4 vehicles traveled 17,242 miles, transported 507,400 gallons of water, 112 tons of cargo and transported 2,606 passengers.

4. COMMUNICATIONS-ELECTRONICS

a. 1 July - AN/TPS-22B, AN/TPS-37, AN/TRC-97 and AN/GRC-135's were removed from PU-648 tactical generator power and placed on converter power.

b. 3 July - AN/TRC-97 (Mike System, MACS-4 to 1stMAW) was relocated to the Dong Ha area to support other Wing Radio Relay commitments. The vacated system was replaced with two AN/TRC-27's designated Romeo and Siena.

c. 14 July - Replacement mylar diaphragms were installed on all universal console operator positions. Significant improvement in display quality was noted.

d. 15 July - AN/TPS-34B system removed from PU-648 tactical generator power and placed on converter power.

e. 18 July - TDCC, Radio Relay and two AN/UPS-1's were removed from PU-648 tactical power and returned to converter power.

ENCLOSURE (3)

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5750
01A21868
5 August 1968

PART II

NARRATIVE SUMMARY

1. The mission of surveillance, air defense and air control assigned to MACS-4 were carried out during the month. Participation in the exchange of digital data via Link II with NTDS/ATDS in the Gulf of Tonkin also continued.
2. During the month all remaining tactical equipment was removed from tactical generators and placed on converter power.

ENCLOSURE (2)

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5750
OLA21868
5 August 1968

- (1) 4 July - Col DANFORD (USA)
- (2) 28 July - Col PERNELL, 1stMAW
Col DAUGHTRY, 1stMAW
- (3) 29 July - LtGen BUSE, CG, FMFPac
BGen ANDERSON, c/s III MAF
BGen HILL, Dep CG, 1stMAW
Col FRIS, 1stMAW
- (4) 31 July - Capt CHRISTOFFERSON (USN), USS Street
Capt MITCHELL (USN), USS England
Capt HOMER (USN), ComDesRon 3
Capt WHELANO (USN), USS Rich

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ENCLOSURE (1)

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MACS

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8 October 1968

PART III

SIGNIFICANT EVENTS

1. Operations

a. The following services were provided during the month:

- (1) Tracks reported to Panama - 5
- (2) Aircraft provided navigational assistance - 14,412
- (3) TPQ-10 Runs monitored - 1,463
- (4) IFF/SIF - 12,209
- (5) GCI/GCA - 1,670
- (6) Intercepts (practice) - attempted - 85
completed - 75

2. Logistics

a. The T/E shortage of one (1) PU-344 generator and one (1) PU-648 generator exists.

3. Utilities

a. 4 September 1968 - 1810 hours all 200 KW generators went down due to water blowing into generators. 1830 hours all systems back up on power except for half of TDCC. 2230 hours all generators and converters up except for the TPS-34B converter.

b. 5 September 1968 - 1230 hours shut off all generators due to Typhoon Bess.

c. 6 September 1968 - 1230 hours Camp Power back on except for AOC area. 1545 hours all generators and converters back on. 1645 hours Camp Power restored to the AOC area.

4. Motor Transport

a. During the month, MACS-4 vehicles traveled 23,851 miles, transported 27 tons of cargo and 2 Roughriders furnished.

b. 22 September 1968 - Received two (2) M-52A2 Truck Tractors.

ENCLOSURE (3)

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8 October 19685. Communications - Electronics

a. 5 September 1968 - Typhoon Bess swept Hill 647 with sustained winds estimated at 80 knots gusting to 90 knots. The AN/TPS-34B Radome was completely destroyed and considerable damage was incurred to those portions of the radar above the pedestal. The AN/TPS-22 Radome and Para balloon were also completely destroyed. The pedestal assembly and several Wave Guide sections were also damaged. One AS - 1310 HF Antenna sustained a broken lower ring, which was repaired locally.

b. 9 September 1968 - Began installation of Field Change 66 in the AN/TPS-34B, SN-A5. Several difficulties were encountered during the installation which are the subject of an Unsatisfactory Equipment Report. The installation was completed on 12 September 1968.

c. 10 September 1968 - AN/TPS-22C arrived by air shipment from Westinghouse Corporation.

d. 11 September 1968 - Installed the Power Supply and RF Amplifier modification to the AN/TPS-22C. AN/TPS-34B Radome erected using 4 panel sections and 4 door sections. Commenced erecting the antenna back up structure and antenna reflector panels.

e. 12 September 1968 - Began construction of the AN/TPS-22C. Completed and operational on 13 September 1968.

f. 16 September 1968 - AT-309 IFF Antenna arrived from MACRON THREE. A mounting bracket must be fabricated before it can be installed on the TPS-22C. Optical Encoder on the AN/TPS-22C began malfunctioning resulting in the loss of the North Pulse. A field expedient was successfully improvised using a mechanical switch.

g. 20 September 1968 - AN/TPS-34B restored and integrated with the AN/TYQ-2.

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