

HEADQUARTERS AND MAINTENANCE SQUADRON 12  
Marine Aircraft Group 12  
1st Marine Aircraft Wing  
Fleet Marine Force Pacific  
FPO San Francisco 96602

3:GB:gb  
5750  
4 January 1970

From: Commanding Officer  
To: Commanding Officer, Marine Aircraft Group 12 (Attn: S-3)  
Subj: Command Chronology  
Ref: (a) WgC 5750.4  
(b) GruO 5750.1D

Encl: ✓(1) H&MS-12 Command Chronology for the period 1-31 December 1969

1. In accordance with references (a) and (b), enclosure (1) is submitted.

  
J. J. WENT

H&MS-12

Cmd Chron

DEC 1969

Appendix 4

HEADQUARTERS AND MAINTENANCE SQUADRON 12  
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COMMAND CHRONOLOGY  
1 December 1969 to 31 December 1969

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PART I

ORGANIZATIONAL DATA

1. Unit Commander  
 Headquarters and Maintenance Squadron 12 LtCol J.J. WENT

2. Location  
 01 - 31 December 1969: Chu Lai Air Base, Republic of Vietnam

3. Staff Officers

LtCol J.J. WENT	Commanding Officer	01-31 December 1969
Major R.L. REED	Executive Officer	01-31 December 1969
Major J.H. HAVEL	A/C Maintenance Officer	01-31 December 1969
CWO-2 F.M. RAMONE	Administrative Officer	01-31 December 1969
Capt J.F. GARRETSON	Legal Officer	01-31 December 1969
Capt J.F. GARRETSON	S&C Officer	01-31 December 1969

4. Average Monthly Strength

<u>Officers</u>	<u>Enlisted</u>
51	377

PART IINARRATIVE SUMMARY

1. Captain B.L. BERSANO returned to CONUS.
2. As of 1 January 1970, all messages in the Aircraft Maintenance Administration Office will be filed by subject. This will produce a complete case file and will eliminate much time in trying to locate various references needed.
3. During the month of December, Ordnance personnel "on hand" increased from forty-seven to forty-eight. Four men were transferred and five men reported in. The projected loss of personnel during the next three months is four.
4. Nine Multiple Ejector Racks and five Triple Ejector Racks were repaired and returned to their respective squadrons.
5. Maintenance was performed on one hundred eighteen MK-4 Gun Pods, which were utilized by the Attack Squadrons of Marine Aircraft Group 12 to fire a total of 35,091 rounds of 20MM ammunition for an 77.8% fire out rate. Round checks were performed on four MK-4 Gun Pods.
6. It is anticipated that major checks, i.e. 3,000; 6,000; 9,000; and 12,000 rounds will be required on twenty-five MK-4 Gun Pods during the month of January 1970.
7. One MK-4 Gun Pod is being sent to NARF Alameda for overhaul and repair. Gun Pod number 174.
8. All Ordnance reports required were submitted by Headquarters and Maintenance Squadron 12 Ordnance for the month of December 1969.
9. The Marine Aircraft Group 12 Ready Service Bomb Dump expended 1,850.370 tons of Class V(A) Ordnance during the month of December 1969. (See breakdown by type)
10. A total of twenty-five engines were received from supported units. Five engines were removed for FOD.
11. Total production output was twenty engines.
  - a. Calendar Inspections      Nine
  - b. QECA                              Five
  - c. Processed to DOP              Six

12. One J52P8A made QECA spare. Four J52P8A held in cans. Two in progress at end of month.
13. The Hydraulics Shop manufactured the below items:
  - a. 2 Lube Assemblies
  - b. 7 Line Assemblies
  - c. 6 Hose Assemblies
14. The Hydraulics Shop repaired the below items:
  - a. 3 4000A Stands
  - b. 1 Fluid Cooler
  - c. 1 Viscous Damper
  - d. 1 Bungee
  - e. 2 5 Ton Jacks
  - f. 1 Hyd Reservoir
15. The Hydraulics Shop rebuilt the below items:
  - a. 1 Strut Assembly
  - b. 9 Cylinder Assemblies
  - c. 3 Check Valves
  - d. 2 Sequence Valves
  - e. 2 Snubber Assemblies
  - f. 3 Relief Valves
  - g. 1 Pressure Regulator
16. The Hydraulics Shop cleaned nineteen filters and one filter assembly.
17. The Airframes Section repaired fuel leaks on one aircraft, and installed twenty-one JATO changes (A4 Airframe Change 213 Increment II) in supported squadron aircraft.

18. Ground Support Equipment.

a. Received ten Port-A-Lamps for evaluation. Although a need does exist for a portable 24V lighting source, the subject lamps were considered unsafe for the following reasons:

(1) Regardless of what power source utilized, the Port-A-Lamp would create sparks when brought in contact with another metal object.

(2) The bare metal, open frame design does not conform to specifications required of special support equipment used around aircraft and is a potential shock/fire hazard.

(3) No protection afforded the light element.

(4) The electrical wiring is standard light duty household extension cord material, and any contact with a rough surface could bare the wiring, creating an additional shock/fire hazard.

b. The following recommendations are submitted if redesign of the Port-A-Lamp is contemplated:

(1) The electrical wiring be of a heavy duty insulated material, and contain a third wire of distinctively marked ground wire, which conforms to safety regulations as stated in paragraph 1512.3A of NAVSO P2455 Navy Safety Regulations.

(2) The Port-A-Lamp housing be of an explosive proof design with adequate protection for the lighting element.

c. The following items were sent to Rehab/Emergency Repair:

(1) 6 GTC-85 Engines

(2) 10 Sats Loaders

(3) 3 Sats Loader Engines

(4) 5 Check and Fill Stands

(5) 2 Hydraulic Test Stands

d. The following items were received from Rehab.:

(1) 1 NCPP 105

(2) 2 NC10A

- (3) 5 Sats Loaders
- (4) 2 Air Compressors
- (5) 2 Hydraulic Test Stands

19. The Flight Equipment Section processed the equipment noted on pages 8 and 9 of Enclosure (1).

20. The Avionics Section now has custody of eight 400 cycle Hertz Generators and are RFI. Half of the complex has been rewired so that when losing station power the generators can be brought on the line in a minimum amount of time. The complex air conditioning units (400 Hertz, VEA4-7's) are 100% RFI.

21. Mr. G. BORDS of China Lake Guided Missile Center, held training on the Shrike Missile at H&MS-12 and VMA-311.

1. The following is a list of Class V(A) Ordnance expended by the Attack Squadrons of Marine Aircraft Group 12 during the month of December 1969.

<u>NOMENCLATURE</u>	<u>QUANTITY</u>	<u>TONNAGE</u>
MK 81, 250 lb. L. D. Bomb	1,664	245.440
MK 82, 500 lb. L. D. Bomb	4,892	1,394.220
MK 83, 1,000 lb. L. D. Bomb	0	0
MK 84, 2,000 lb. L. D. Bomb	0	0
Fire Bomb, MK 77, 500 lb. (Napalm)	324	81.240
CBU's	84	34,860
F. S. (in MK 12 Smoke Tanks)	24	9.000
C. S. (in MK 77 Tanks)	40	1.400
<u>TOTAL:</u>	<u>7,028</u>	<u>1,766.160</u>
2.75" rocket, ZUNI	1,047	11.794
5.00" rocket	813	55.784
20MM-A794, A808 and A811 (MK-12)	59,400	16.632
20MM-A793 (MK-11)	35,091	9.825
<u>TOTAL:</u>	<u>96,351</u>	<u>90.035</u>
OVERALL TOTAL	106,379	1,860.195

## 1. The following equipment was processed through Flight Equipment:

## a. Check and Test

(1) A4 Seat Pans	3 Ea	3RFI		
(2) Mini Oxy Reg	56 Ea	22 RFI	34 NRFI	
(3) MK3C Life Preser	24 Ea	19 RFI	2 NRFI	3 BCM
(4) LPA-1 Life Preser	25 Ea	25 RFI		
(5) LR-1 Life Preser	9 Ea	9 RFI		
(6) Emerg Oxy Bottles	9 Ea	9 RFI		

## b. Parachutes Inspected and Repacked

(1) NB-11 (A4)	7 Ea	7 RFI		
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## c. Items Inducted for Repair

(1) Mini Oxy Regs	38 Ea	27 RFI	1 BCM	10 AWP
(2) Lox Converters	14 Ea	2 RFI	6 BCM	6 AWP
(3) LPA-1 Life Preser	1 Ea	1 RFI		
(4) Radios	3 Ea		3 BCM	
(5) Lox Valve Switches	2 Ea	1 RFI		
(6) Oxy Hoses	8 Ea	8 RFI		

## d. Equipment which required Modification

(1) Seat Pans	7 Ea	7 RFI	ACSC 161
(2) Survival Vests	15 Ea	15 RFI	ACSC 162
(3) Helmets	13 Ea	13 RFI	ACSC 173

(Equipment processed through Flight Equipment con't)

e. Items locally manufactured

- (1) one cover for office machine
- (2) three windsocks
- (3) fifteen knife cases
- (4) eighteen curtains
- (5) two covers GSE
- (6) two covers AVI
- (7) four covers S&S
- (8) two covers VMA-311

f. Work from December in progress

- (1) Mini Regs
- (2) MK3C Life Preservers

g. In the month of December we inspected all A4 aircraft in the Group for Seat Pan actuation of Oxygen Bottle.

PART IIISEQUENTIAL LISTING OF SIGNIFICANT EVENTS1. Personnel Administrationa. Promotions

Private First Class to Lance Corporal	6
Lance Corporal to Corporal	5
Corporal to Sergeant	6
First Lieutenant to Captain	1

2. Air Operations

- a. Monthly Flight Hours 100.0
- b. Monthly Sorties 104
- c. Monthly Combat Hours 12.3
- d. Monthly Combat Sorties 3
- e. Monthly Cargo 11.2 Tons
- f. Monthly Passengers 1,035
- g. Monthly Flares 62

PART IV

SUPPORTING DOCUMENTS

1. No supporting documents.