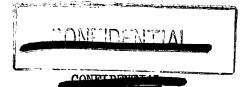
MARINE AIR CONTROL SQUADRON FOUR
Marine Air Control Group-18
1st Marine Aircraft Wing, FMF, Pacific
FPO, San Francisco, California 96602



3:FOM:tjp 5750 03A10070 **7** APR 1976

From: Commanding Officer

To: Commanding Officer, Marine Air Control Group-18

Subj: Command Chronology for period 1-31 March 1970 (U)

Ref: (a) Gru0 5750.1A

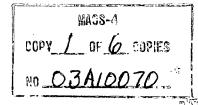
Encl: √(1) Command Chronology, 1-31 March 1970 (U)

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

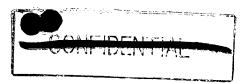
2. This page is unclassified upon removal of enclosure (1).

R. W. MOLYMEUX JA.

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

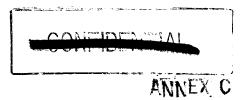
COMMAND CHRONOLOGY

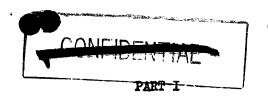
1 to 31 March 1970

INDEX

Part I	-	Organizational Data
Part II	-	Narrative Summary
Part III	-	Significant Events
Part IV	_	Supporting Documents

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ORGANIZATIONAL DATA

1. (U) COMMAND AND STAFF

<u>Billet</u>	Period Covered	Rank/Name	
Commanding Officer	1-31 March 1970	Major Rob	ert W. MOLYNEUX JR.
Executive Officer	1-31 March 1970	Major Mich	hael P. MULQUEEN
Sergeant Major	1-31 March 1970	SgtMaj John	n R. MCINNIS
Administration Officer	1-31 March 1970	1stLt Dan	iel C. DOUGLAS
Intelligence Officer	1-31 March 1970	Capt Pau	
Operations Officer	1-31 March 1970	Major The	odore P. LINGENFELTE
Services Officer	1-31 March 1970	*	acis J. KIRCHNER
Communications/Electronics Officer	1-29 March 1970	•	es W. BIERMAN
Communications/Electronics Officer			nond J. SPILLANE

2. (C) TASK ORGANIZATION AND UNIT LOCATION

- a. Task Organization: Normal Manning Level.
- b. Unit Location: Hill 647, Da Nang, Republic of Vietnam.

3. (C) AVERAGE MONTHLY STRENGTH

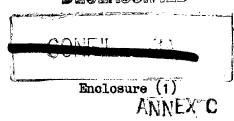
- a. Officers (USMC) 36
- b. Enlisted (USMC) 254
- c. Enlisted (USN) 3

4. (U) IMPORTANT VISITORS TO THE COMMAND

- 6 March 1970 Colonel REID, Deputy Chief of Staff, First Marine Division Colonel KEELY, First Marine Division
- 12 March 1970 Lieutenant General MCCUTCHEON, Commanding General, Third Marine Amphibious Force
- 20 March 1970 Lieutenant General ZAIS, XXIV Corps, United States Army Lieutenant General MCCUTCHEON, Commanding General, Third Marine Amphibious Force
 Major General THRASH, Commanding General, First Marine Aircraft Wing

Colonel WALTER, XXIV Corps, United States Army

- 26 March 1970 Colonel WILSON, First Marine Aircraft Wing
- 31 March 1970 Vice Admiral BARDSHAR, CTF-77
 Major General THRASH, Commanding General, First Marine
 Aircraft Wing



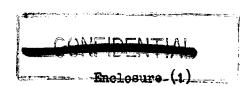




NARRATIVE SECTION

- 1. (C) Throughout the period 1-31 March 1970, the mission of air defense, digital data exchange, and air traffic control continued.
- 2. (U) Briefings on the squadron mission and capabilities were conducted as follows:
- a. On 6 March 1970, Major LINGENFELTER, S-3, Marine Air Control Squadron Four, briefed Colonel REID, Deputy Chief of Staff, First Marine Division and Colonel KEELY, First Marine Division.
- b. On 12 March 1970, Major MOLYNEUX, Commanding Officer, Marine Air Control Squadron Four, briefed Lieutenant General MCCUTCHEON, Commanding General, Third Marine Amphibious Force.
- c. On 20 March 1970, Major MOLYNEUX, Commanding Officer, Marine Air Control Squadron Four, briefed Lieutenant General ZAIS, XXIV Corps, United States Army, Lieutenant General MCCUTCHEON, Commanding General, Third Marine Amphibious Force, Major General THRASH, Commanding General, First Marine Aircraft Wing, and Colonel WALTER, XXIV Corps, United States Army.
- d. On 26 March 1970, Major LINGENFELTER, S-3, Marine Air Control Squadron Four, briefed Colonel WILSON, First Marine Aircraft Wing.
- e. On 31 March 1970, Colonel DUNWIDDIE, Commanding Officer, Marine Air Control Group-18, briefed Vice Admiral BARDSHAR, CTF-77 and Major General THRASH, Commanding General, First Marine Aircraft Wing.

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PART III

SIGNIFICANT EVENTS

1. (U) ADMINISTRATION

- a. Messages:
 - (1) Received 2240
 - (2) Sent 604
- b. Legal:
 - (1) Investigations 3
 - (2) Office Hours 12
 - (3) Summary Court Martial 1

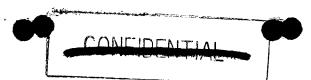
2. (C) PERSONNEL

- a. Joined: Officers-2 Enlisted-22
- b. Transferred: Officers-5 Enlisted-76
- c. Temporary Additional Duty: Officers-3 Enlisted-7
- d. On Leave: Officers-4 Enlisted-9
- e. On R&R: Officers-2 Enlisted-12
- f. Hospitalized: Officers-2 Enlisted-0
- g. Critical Shortages:

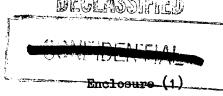
MOS	M/L	ON HAND
8151 Guard	27	19
1121 Plumber and Water Supplyman	2	1
1341 Engineer Equipment Mechanic	7	2
2532 Radio Relay Operator	Ġ	2
2537 Radio Chief	1	ō
2549 Communications Center Chief	1	Õ
2861 Radio Technician	3	1
3041 Supply Administration Man	11	4
3061 Subsistance Supplymen	1	ó
3311 Baker	ż	ŏ
6756 Air Control Electronics Operator, Automated System	39	28*
		- 1970年 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977

*Includes 6755 and 6753 Military Occupational Specialti

ANNEX C



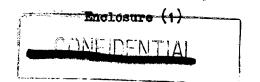
- 3. (U) COMMAND RELATIONSHIPS/COMMAND AND CONTROL. None.
- 4. (C) AIR CONTROL. The following services were provided during the month:
 - a. Unknown tracks reported to Panama 0
 - b. Aircraft provided navigational assistance 10,823
 - c. TPQ-10 handoffs 59
 - d. IFF/SIF checks 9,472
 - e. GCI/GCA handoffs 964
 - f. Intercepts 0
 - g. Emergency assistance 5
- 5. (C) <u>SPECIAL OPERATIONS</u>. Navigational assistance was provided for aircraft operating in support of the following operations:
 - a. Victory Dragon
 - b. Geneva Park
 - c. Frederick Hill
 - d. Iron Mountain
 - e. Nantucket Beach
 - f. Randolph Glen
 - g. Green River
- 6. (U) CIVIC ACTION. None.
- 7. (C) GROUND DEFENSE
- a. During the month of March, approximately eight hundred meters of single strand concertina was implaced inside the perimeter and approximately fifty meters of tanglefoot wire was implaced. Thirty-four trip flares were implaced.
- b. Two patrols were conducted during the month of March. One four man patrol on 10 March and one six man patrol on 14 March. Both patrols reported negative hostile activity.
- 8. (U) TRAINING



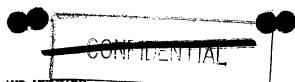


- a. Six hours of basic training were conducted with one hundred and thirty three persons attending.
- b. Fifty two and one half hours of technical training were conducted with three hundred and seventeen persons attending.
- 9. (U) LOGISTICS. See Appendix A (LogSum for March 1970)
- 10. (U) SUPPLY. See Appendix A (LogSum for March 1970)
- 11. (U) ENGINEERING. None.
- 12. (U) MAINTENANCE. See Appendix A (LogSum for March 1970)
- 13. (C) COMMUNICATIONS/ELECTRONICS
- a. On 1 March 1970, the right vertical beam of the rigid antenna of radar set AN/TPS-22D, serial number A-14, sheared off causing the antenna to collapse. The antenna was taken down and replaced with the antenna from serial number A-6. Serial number A-14 was returned to operation on 2 March 1970.
- b. On 19 March 1970, the coolant pump on the radar set AN/TPS-34B, serial number A-9, burned out and the radar set was deadlined. On 26 March 1970, NORS Requisition MOO979-0085-055 was submitted for a replacement coolant pump.
- c. On 30 March 1970, radar set AN/TPS-22D, serial number A-6, was evacuated to the First Marine Aircraft Wing for shipment to CONUS for induction into the FY-70 R&E Program.
- 14. (U) CONSTRUCTION. None.
- 15. (U) MOTOR TRANSPORT. During the month of March, Marine Air Control Squadron Four vehicles traveled 15,547 miles, hauled 286 tons of cargo, 38,000 gallons of fuel, and transported 2,659 passengers.
- 16. (U) <u>INFORMATIONAL SERVICES</u>. Thirty eight Fleet Home Town News Releases were submitted during the month of March.
- 17. (C) CASUALTIES. None.
- 18. (U) AWARDS. The following award recommendations were submitted during the month of March;
 - a. Bronze Star Medal 2
 - b. Navy Commendation Medal 4
 - c. Navy Achievement Medal 9





O X SHARE

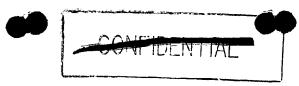


- 19. (U) MORALE AND WELFARE
- a. A total of one floor show was presented at the Staff Non-commissioned Officers' Officers' Club and three floor shows were presented at the Enlisted Club during the month of March.
 - b. Movies were shown at all clubs seven nights a week.
- c. The Monkey Mountaineers played at the Staff Noncommissioned Officers'/Officers' Club one time during the month of March. This was the last appearance of the group due to transfer of personnel.
- 20. (U) AIR DEFENSE. None.
- 21. (U) BASE DEVELOPMENT AND MILITARY CONSTRUCTION. None.

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ANNEX C



PART IV

SUPPORTING DOCUMENTS - TABLE OF CONTENTS

Declassified



Enclosure (1)

FNINEXC

APPENDIX A



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



4:DHW:rt 4000 23 March 1970

From: Commanding Officer

To: Commanding Officer, Marine Air Control Group-18 (Attn: S-4)

Subj: Logistics Summary Report

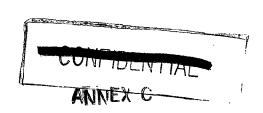
Ref: (a) WgO 4000.28

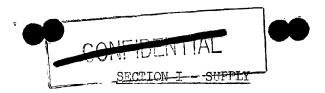
Encl: / (I) Logistics Summary Report

1. In accordance with the instructions contained in reference (a), enclosure (1) is herewith submitted.

M. P. MULQUEEN By direction

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1. Overall Supply Situation

- a. Supply support from higher echelon is relatively good. The average leadtime experienced for common repair assemblies and general support type supplies is 45 to 50 days. A problem is being experienced in awaiting receipt of many items which are critically required and peculiar to radars, communications equipment, generators and air conditioners. For the period 21 February thru 20 March, 1970, 382 requisitions were completed, of these 29 were MARES. During the same period 498 requisitions were submitted either to MPB, MCI, or MRL, of these 22 were MARES. The total number of outstanding MARES to date is 104.
- 2. Class I. N/A
- 3. Class II. N/A (all subclasses)
 - a. Situation N/A
 - b. Critical Items N/A
 - c. Significant Problem Areas. N/A
- 4. Class III. N/A
- 5. Class IV. N/A
- 6. Class V. N/A
- 7. Class VI. N/A
- 8. Class VII. N/A (all subclasses)
- 9. Class VIII. N/A
- 10. Class IX.
- a. <u>Situation</u>. Electronics components and repair assemblies continue to be the most critically required items needed for continued operational support. Further, an additional problem is being experienced in the receipt of repair parts and assemblies for the PU/648 generators and the HD-706 air conditioners utilized in conjunction with the MTDS system.

b. Critical Items.

(1) AN/TYA-11: Since the last reporting period supply support has remained the same. One document was completed during this reporting period. Four documents still remain outstanding and "GA" cards have been submitted.



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Enclosure (1)

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- (2) Test Set AN/TPM-20: The AN/TPM-20 is employed in the repair of maintenance float subassemblies and boards for the AN/TPS-22D and the AN/TPS-34B radar sets. Only one document number applies to this test set, M00979/8102/3861.
- (3) Operation Radar Set AN/TPS-22D, Ser # A-14: This set is performing marginally due to a lack of transmit/receive (T/R) tubes, type MPT-17. Partial shipment on document number MOO979/9302/2197 has been received.
- (4) AN/TYA-26: No change has occurred from the last reporting period. Two documents were completed on 0058. Four documents have been reported on the MARES system.
- (5) AN/TPX-28A: Documents have been submitted on the MARES system for the IFF Interogator Sets that remain inoperative due to a lack of repair parts. Except for the completion of two documents during this reporting period, "GA" cards have been resubmitted.
- (6) AN/UPS-ID: During this reporting period one MARES document has been completed. The status remains the same for the other three documents. Further loss of equipment for a prolonged period will create a critical situation operationally.
- (7) Generator Set PU-648/N: These generators are presently being utilized as a backup power source for this units automated air control system. Regair parts have been ordered under NORS G and priority 02 documents. Many of the NORS G documents have been completed during this reporting period.
- (8) 100 KW Converstor Motor Generator: Presently there are five documents all "GA" submitted and the latest status received is BV, procured for direct shipment. Operation of the MTDS System relies on the power furnished by these generators.
- c. Significant Problem Areas: None other than those mentioned in the preceding paragraphs.

ll. Class X. N/A

SECTION II - MAINTENANCE

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12. Maintenance Situation

a. The present maintenance situation within this squadron is affected by several factors such as; lack of sufficiently trained personnel, supply support for those critically required items required to remove tactical generators, and Motor Transport equipment from deadline status. At present the deadlined status for Engineer equipment is excessively high (approximately 55%) and mainly is the result of the number of PU/648 generators non-operational. Although these generators are not this squadrons primary source of tactical power they would be immediately required to provide back-up support for our commercial generators should they fail. To run the entire MTDS system as configured within MACS-4 requires twelve (12) PU/648 state present we have a total of six (6) that are operational and available to us for emergency tactical power should our primary system fail.



The remainder of the twenty-nine that we are authorized are either on temporary loan to other units or deadlined. The majority of those that are deadlined have been evacuated to a higher echelon repair facility. A specific breakdown in location and quantities will be reflected in another portion of this report. In relation to the deadline rate of Motor Transport items of equipment, at present it is relatively low (approximately 16%). In recards to maintenance the primary factor affecting the present deadline rate is the lack of repair parts for the M715's, M37Bl's and M38Al's. These particular vehicles are this squadrons main transportation source for transporting personnel for operational and morel purposes.

13. Aircraft. N/A

14. Major Items of Equipment:

a. Status

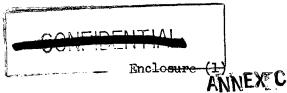
TYFE	AUTH USMC/USN	OH	<u>OR</u>	NORS/NORM/IN/T	REMARKS
M38Al	0/0	2	1	1	
M37Bl	4/0	4	4		
M35	6/0	3	2	1	
M35A2	0/6	0/7	4	2 1	
M49A2C	0/2	2	1	1	
M50A2	0/2	2	2		
M52A2	0/3	3 1	3		
M-100	0/1		1		
MIOLAL	4/0	4 3	4 3		
M105	2/0	3	3		
M149	0/3	3	3		
M127	0/2	2	2		
M172	0/1	1	l	_	
M715	0/5	4	2	2	
M725	0/1	1	ļ		
M151A1	0/4	4	4		
23 CFM	0/1	1	l,		
JOM-1	0/1	1	1		

b. Major Items

(1) Wheeled Vehicles

TYPE M38Al	SER NO 94-67742	NORS	NORM	LOCATION MACG-18	REMARKS Engine
M35A2	95-11731	1	~	OKINAWA	Rehab.
M35A2	95-11749	1		OKINAWA	Rehab.
M35A2	95 - 11747		1	MA CG-18	Differential
M49A2	95-17420		1	MACG-18	Differential
M715	95-17934		1	MACG-18	Engine
M715	95-17862		1	MACG-18	Engine







(2) Tracked Vehicles.

TYFE SER-NO- AUTH/OH OR NORS NORM REMARKS
D-6 4806672 0/1 0 1 Awaiting disposition instructions

(3) Material Handling Equipment.

TYPE	SER NO	AUTH/OH	<u>or</u>	NORS	NORM	REMARKS .
RTF	13-78366	1/2	ī		•	Ser. No.
	13-21599	·				13-78366
						located at
						YOKUSKA for
						REHAB.

(4) Engineer Construction Equipment.

<u>TYPE</u> PU/499	<u>KW/HZ</u> 2.5/400	<u>AUTH/OH</u> 7/6	<u> </u>	NORS	NORM 5	REMARKS QTY 1 on Order
		1,75				QTY 1 MWCS-1
						QTY 5 WERS-17 QTY 1 WERS-17
PU/565	4/60-400	0/2	1		1	QTY 1 WERS-17
FU/344	20/400	0/2 5/4	3		1	QTY 2 MASS-3
	_				_	•
	30/60	3/3	-		3	
FU/590	30/60	2/2	1		7	
PU/718	30/60	?/2	2			DOD WILLD I
PU/719	30/400	?/1	1			
PU/648	45/400	29/31				SEE NOTE
MOTOR GE	N 100/60-400	7/7	,			4. •
PU/648 MOTOR GE		3/3 2/2 ?/2 ?/1 29/31 0 7/7	1 6 7	/() o	1 3 1	QTY 1 WERS-17 QTY 3 WERS-17 QTY 1 PU/239 SUB ON HAND QTY 1 PU/657 SUB WERS-17

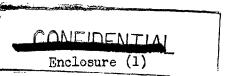
NOTE: QTY (10) PU/648'S ON HAND MACS=4, (6) OPERATIONAL, (4) DEADLINED, QTY (5) ON TEMPORARY LOAN, STATUS UNKNOWN, QTY (12) AT WERS-17 FOR THIRD AND FOURTH ECHELON MAINTENANCE, QTY (4) AT PUBLIC WORKS, YOKUSKA FOR REHABILITATION.

(5) Marine Amphibious Equipment. N/A

(6) Communications Equipment.

TYPE AN/CRC-112 AN/CRC-134 AN/CRC-135 AN/TRC-97	# AUTH 18 5 5	# OH 18 5 4 4	# OR 11 2 4 2	# NORS 3 0 0	# NORM 4 3 0	DECLASSIFIED
AN/TRC-75	7	7	2	1	4	ANNEXTO
AN/TFX-28A	6	6	2	3	1	
AN/TPS-22	2	2	1	1	0	

(4)



4 <u>4</u> 4		CONFIE	TIME	•	
TYPE	AUTH	<u> </u>	<u>or</u>	NORS	NORM
AN/TPS-34B AN/UPS-1D AN/TRD-12 AN/TGC-14A	2 2 2 7	2 2 2 2	0 0 0 2	2 1 1 0	0 1 1 0

c. Comments.

- (1) Motor Transport. As previously reiterated, the continued lack of sufficient supply support for certain primary items of equipment is the biggest problem experienced by the squadron. In addition another item of concern is the receipt of Direct Exchange (DX) items that are unservicable. This could have an extremely deleterious affect on the future operational status of Motor Transport equipment if it continues.
- (2) Engineer Construction Equipment. The problem of greatest concern to this unit is the continued excessively high deadline rate of the PU/648 generators. In the event of commercial generator or 100KW motor generator failure, the PU/648's will be required to provide power for the Marine Tactical Data System equipments, radars and radios. These generators have a history of high failure rate, especially the electronic components. The apparent great demand for repair assemblies and components has created a serious shortage of these items in the supply system. Further, the susceptibility of the FU/648's electronic components to moisture increases the deadline rate. To compound the problem of design, the electronic sophistication of the PU/648 makes it very difficult to maintain by inexperienced personnel which constitute the majority of 1341/1141's assigned to this unit.

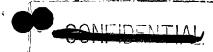
(3) Communications Electronics.

- (a) AN/GRC-112-134 and 135: The UHF radio situation has remained static. No delivery date has been received on the special UHF Electronics Shop Van. A request has been made to delete three AN/GRC-1351s from Special Allowance T/E 74960.
- (b) AN/TRC-97 and AN/TRC-75: Modules from two AN/TRC-97's are being repaired at MWCS-1. Components from two AN/TRC-75's are being repaired at MWCS-1.
- (c) AN/TFX-28A: Three IFF Interrogator Sets remain in a NORS status. The situation is not critical. The AN/TFX-28B Interrogator Sets, due to arrive in February, have not been received.
- (d) AN/TPS-22D: The inoperative TPS-22D radar serial number A6 is in the process of being prepared for turn in.
- (6) AN/TPS-34B: One AN/TPS-34B serial number A5 is held as a maintenance float. This radar is presently being prepared for turn in. AN/TPS-34B serial number A9 is inoperative due to a coolant pump failure. The situation is critical.

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(5).





- (f) AN/UPS-ID: One UPS-I is inoperative awaiting repair parts and is not considered critical. The other UPS-I is in a maintenance status.
- (g) AN/TRD-12: One direction finder AN/TRD-12 is inoperative awaiting parts. The other is in the process of being aligned and prepared for operation.

d. Critical Items:

- (1) Test Set AN/TPM-20 remains on the list of items critically needed. The test set is used in the repair of maintenance float submassemblies for the AN/TPS-22D and AN/TPS-34B Radars. The test set is on order under document number 8102-3861.
- (2) The coolant pump, FSN 43204964-7201 for the AN/TPS-34B radar is critically needed. Without the pump the radar cannot be operative.
- e. Significant Problem Areas: None that have not been previously discussed.

SECTION III - SERVICES

15. Services Situation:

a. The situation within the Services Section of this squadron remains basically the same as reflected in CO MACS-4 ltr 4: DLS:rt over 4000 of 25 Jan 1970 (Logistics Summary Report). However, since the last reporting periods First Marine Aircraft Wing inspected all elements of this section and found them to be in a satisfactory state of readiness. The one area in which it was determined that improvement is required was Embarkation. An immediate program was initiated to improve the squadrons embarkation posture and as of this report is progressing well. Each section within the squadron has completed new up to date Cargo Manifests and Vehicle Summary and Priority Tables. The tactical marking of all equipment and containers is approximately 95% completed with the exception of those boxes which are presently under construction for this squadron by H&HS-18. Further, all MEDS keypunch worksheets have been completed for the entire squadron in preparation for the processing of a new up to date MEDS cardex file. Upon completion of the MEDS Cards this squadron will have the capability of embarking by the manual or automated system.

16. Significant Problem Areas:

a. <u>Garrison/Club's Property</u>. As a result of a possible retrograde movement in the future it is requested that firm information be provided by higher echelon concerning the possible embarkation or turn in procedures for both garrison and club property. A considerable amount of time will be required in preparing this equipment for embarking should it be required. If guidance could be provided concerning its disposition in the near future it would alleviate a considerable number of problems and lost time.

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b. Equipment Turn-in Procedures: Recently this squadron has experienced a problem in having Maintenance Battalion 1st Force Service Regement accept items of motor transport equipment for survey and repair. The problem seems to be one of an inconsistancy on that units part in relation to what documentation is necessary for turn-in of the equipment. On several different occasions this squadron has delivered vehicles to Maintenance Battalion for the above stated reasons only to have them rejected for what they term an administrative discrepancy: in the accompanying documentation. This has created a problem for this squadron due to our distance from 1st Force Service Regiment and our having to retain the item(s) and return them to the MACS-4 cantonment until the error can be corrected.

SECTION IV - TRANSPORTATION

17. N/A

18. N/A

19. Significant Problem Areas: None that have not been covered in other sections of this report.

SECTION V - LOGISTICAL PLANS

20. Current Plans: N/A

SECTION VI- MISCELLANEOUS

21. N/A



