

MARINE AIR SUPPORT SQUADRON 2
 Marine Wing Headquarters Group 1
 1st Marine Aircraft Wing, FMF, Pacific
 FPO, San Francisco, California 96602

Copy 1 of 11 copies
 3:RFG:jld
 5750
 03B00567
 5 January 1967

ORIGINAL
~~CONFIDENTIAL~~
 CONFIDENTIAL

From: Commanding Officer
 To: Commandant of the Marine Corps (A03D)
 Via: Commanding Officer, Marine Wing Headquarters Group 1
 Commanding General, First Marine Aircraft Wing
 Commanding General, Fleet Marine Force, Pacific
 Subj: Command Chronology for period 1 December 1966 to 31 December 1966.
 (Report Symbol MC 5750-06)
 Ref: (a) MCO 5750.2
 (b) FMFPAC G 5750.8
 (c) 1stMAW O 5750.1B
 (d) MWHG-1 O 5750.1

Encl: (1) MASS-2 Command Chronology, December 1966

1. In accordance with the provisions of references (a) through (d), enclosure (1) is submitted.
2. Upon removal of enclosure (1) this letter is downgraded to UNCLASSIFIED. Enclosure (1) is downgraded at 3 year intervals and automatically declassified after 12 years. DOD Directive 5200.10 applies

H. Hunter, Jr.
 H. HUNTER, JR

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

ENCLOSURE (5)

~~CONFIDENTIAL~~
 CONFIDENTIAL

MASS-2

Encl Chron

Dec 1966

CONFIDENTIAL

CONFIDENTIAL

MARINE AIR SUPPORT SQUADRON 2
Marine Wing Headquarters Group 1
1st Marine Aircraft Wing, FMF, Pacific
FPO, San Francisco, California 96602

COMMAND CHRONOLOGY

1 DECEMBER 1966 to 31 DECEMBER 1966

INDEX

- PART I ORGANIZATIONAL DATA
- PART II NARRATIVE SUMMARY
- PART III SEQUENTIAL LISTING OF SIGNIFICANT EVENTS
- PART IV SUPPORTING DOCUMENTS

DOWNGRADED AT 3 YEAR INTERVALS;
AUTOMATICALLY DECLASSIFIED AFTER 12
YEARS. DOD DIR 5200.10 APPLIES.

CONFIDENTIAL
CONFIDENTIAL
Enclosure (1)

CONFIDENTIAL

PART I

ORGANIZATIONAL DATA1. DESIGNATION

Marine Air Support Squadron 2

COMMANDER

LTCOL H. HUNTER, JR

SUBORDINATE UNITS

Direct Air Support Center,
 Air Support Radar Team "B",
 Detachment Alpha
 Direct Air Support Center
 Air Support Radar Team "C"
 Detachment Bravo
 Direct Air Support Center
 Air Support Radar Team "D"

CAPT R. M. ONDRICK
 2/LT J. W. THACKER
 MAJOR J. P. FOX
 CAPT D. A. QUIDAS
 1/LT T. J. KOONTZ
 MAJOR C. W. OLSEN
 CAPT A. J. PARDINI
 1/LT L. R. MINUM

2. LOCATION

a. Marine Air Support Squadron 2 (-)
 Direct Air Support Center
 Air Support Radar Team "B"

DANANG, RVN in direct sup-
 port of the 1st Marine
 Division (-)

b. Detachment ALPHA
 Direct Air Support Center
 Air Support Radar Team "C"

PHU BAI, RVN in direct
 support of the 3rd Marine
 Division (Rear)

c. Detachment BRAVO
 Direct Air Support Center
 Air Support Radar Team "D"

DONG HA, RVN in direct
 support of the 3rd Marine
 Division (Forward)

3. STAFF OFFICERS

Executive Officer
 Operations Officer
 Administration Officer
 Communications Officer
 Services Officer

MAJOR D. P. KARCHER
 MAJOR R. F. GORE
 1/LT R. L. KING
 CAPT J. L. BELT
 1/LT E. G. STUCKRATH

4. AVERAGE MONTHLY STRENGTH

USMC
OFF ENL

41

195

USN
ENL

2

OTHER
OFF

1 (Civ Tech Rep)

CONFIDENTIAL

Enclosure (1)

CONFIDENTIAL

PART II

NARRATIVE SUMMARY1. Operations.

a. The tempo of combat operations within I Corps Zone decreased during the month of December. Operation PRAIRIE made only light contact with the enemy and no other large scale operations took place within the area of responsibility of Marine Air Support Squadron 2. A 135 square kilometer area just south of DANANG Airfield was designated a "high hit" area and all helicopter missions conducted within this area must be escorted by fixed wing aircraft. The Direct Air Support Centers of the squadron controlled 2,509 helicopter missions and 1,133 fixed wing missions during the month. (TAB A, Part IV).

b. The Air Support Radar Teams continued to provide all-weather radar bombing support throughout I Corps. During the month, the three Air Support Radar Teams conducted 899 missions dropping 2926.5 tons of bombs on 2,221 enemy targets. (1.31 tons/target). (TAB A-Part IV). This was despite ASRT "B" being out of action for 21 days during an on site rehabilitation program. Since arriving in Vietnam, the Air Support Radar Teams of this squadron have conducted 13,916 missions and dropped 21,097.8 tons of ordnance. The introduction of the A6A "INTRUDER" aircraft into the 1st Marine Aircraft Wing has greatly increased the number of targets that can be attacked during one TPQ-10 mission. TABS B and C of Part IV provide the operational statistics for 1966.

c. On 25 December, the G-2 1st Marine Aircraft Wing forwarded a priority target list from the CG, III MAF for TPQ-10 strikes against 5 fortified villages near the THUONG DUC Special Forces camp. ASRT "B" attacked these targets on the night of 26 December and ground patrols followed up the strikes in two of the villages. Battle damage was given as 8 KIA, 7 WIA, 42 structures destroyed, numerous tunnels collapsed. Additional targets in the area were subsequently taken under attack, but no battle damage has been received due to the lack of followup ground action.

d. On New Year's eve, ASRT "C" was alerted for possible employment against a large VC force moving towards HUE. After the enemy was located, CG, III MAF cleared the targets for attack. A total of 34 strikes were run dropping 204,000 pounds of bombs on the enemy. In addition, the TPQ-10 positioned transported aircraft over the target for radar controlled flare drops to assist the A6A aircraft to make visual air attacks. No battle damage was received due to weather going to zero/zero.

e. On 17 December, MASS-2 submitted a recommended Provisional Table of Organization for a Marine Air Support Squadron operating in Vietnam. This recommendation included a major reorganization to include the capability to deploy a Mobile Direct Air Support Center for sustained operations, and the deletion of the air surveillance capability of the squadron. (TAB D, Part IV).

CONFIDENTIAL

CONFIDENTIAL

2. Civil Affairs.

a. During the month, the squadron Civic Action Team taught 26 hours of Beginning English to 5 teachers and 10 hours of Advanced English to 3 teachers from HOA MY School. In addition they arranged for the construction of additional classrooms for the school. The squadron received permission from the 1st Marine Aircraft Wing to commence a medical assistance program utilizing the squadron corpsmen.

CONFIDENTIAL

CONFIDENTIAL

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

<u>DATE</u>	<u>EVENT</u>
2 Dec	MASS 2 Civic Action Team (CAT) taught 2 hours of "Basic English" to 5 teachers from HOA MY School.
5 Dec	MASS 2 CAT taught "Beginning English" for 2 hours to 5 teachers from HOA MY School.
6 Dec	AN/TPQ-10 system A-2 employed by Air Support Radar Team (ASRT) "B" became inoperative. This set is over 4,000 hours past its programed rehabilitation point and could not be kept operational without jeopardizing the entire supply support program from the other AN/TPQ-10 systems. Taken out of operations and an ON SITE rehabilitation program begun combining the assets of systems A-2 and A-14.
7 Dec	The Commanding Officer and staff visited Company C, 5th Special Forces Group to discuss radar controlled resupply operations of the special forces camps. MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.
9 Dec	MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.
10 Dec	Operations personnel attended a 1st MAF conference on air control procedures and plans for the air support of the special forces camps.
11 Dec	MASS 2 CAT taught 2 hours of "Advanced English" to 3 teachers from the HOA MY School.
12 Dec	MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School. MASS 2 provided 40 bags of cement and 45 sheets of tin for the construction of two new classrooms at the HOA MY School. The local populace will provide the labor.
13 Dec	Operations personnel attended a III MAF conference on revised operating procedures for Operation BLUE SPRINGS. This joint USAF/USMC reconnaissance program is continuing with recovery operations controlled by the DASC at DANANG.

CONFIDENTIAL

CONFIDENTIAL

13 Dec ASRT "C" inadvertently dropped four 500 pound bombs on a friendly village while attacking a VC base camp. The investigation revealed that the strike controller improperly converted the computer inserts to compensate for the target being in a different UTM Grid Zone than the radar. Standing Operating Procedures have been revised to preclude another incident of this type. Casualties consisted of 5 Vietnamese civilians killed and 2 injured, and two homes destroyed. The 2nd Battalion, 26th Marines rendered medical assistance and are assisting in repair of the houses.

MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from the HOA MY School.

MASS 2 CAT contacted the CO of an ARVN Light Equipment Company to coordinate the building of the additional school rooms at HOA MY.

14 Dec MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

16 Dec MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School. The 1st MAW Civil Affairs Officer visited the school to check on construction of the new school rooms.

17 Dec MASS 2 submitted recommendations on a Provisional Table of Organization for a Marine Air Support Squadron conducting operations in Vietnam. (See TAB D).

18 Dec MASS 2 CAT taught 2 hours of "Advanced English" to 3 teachers from HOA MY School.

19 Dec ASRT "D" set a new record for the number of targets hit in a 24 hour period. They attacked 108 targets dropping 210,000 pounds of bombs.

MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

MASS 2 CAT visited HOA MINH village chief to coordinate the movement of sand to the HOA MY School.

20 Dec MASS 2 CAT taught 2 hours of "Advanced English" to 3 teachers from HOA MY School.

21 Dec MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

22 Dec AN/TPQ-10 system A-9 was flown into Vietnam from El Toro to bring ASRT "B" back on the air. System A-2 nominated for return to the states for rehabilitation. On-site rehabilitation of system A-14 continues.

CONFIDENTIAL

CONFIDENTIAL

23 Dec Brigadier General OWENS, AWC visited the DASC and ASRT at DONG HA.

Colonel GRIMM, from the J-6 Section, COMUSMACV visited the squadron for a briefing on the AN/TPQ-10. Very interested in the differences between the AN/TPQ-10 and the USAF MSQ-77 SKY SPOT system.

MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

24 Dec Commenced 48 hour Christmas Truce. The DASC's were very busy conducting medical evacuations due to VC initiated incidents.

25 Dec Received priority target list from III MAF for TPQ-10 strikes against 5 fortified villages near the THUONG DUC special forces camp. Strikes to be conducted after truce ends.

Executive Officer and MASS 2 CAT attended Christmas Party at HOA MY School given by the teachers. MASS 2 gave the school a Webster's Dictionary and a set of scales.

Conducted a briefing for the Commander, 315th Air Commando Wing and the pilots of the 311th Air Commando Squadron on the procedures for radar controlled parachute resupply operations of the special forces camps.

1st MAW gave each man a pen & pencil set for Christmas.

26 Dec ASRT "B" commenced operations with TPQ-10 system A-9. Initial calibration missions showed a 100 meter CEP.

ASRT "B" conducted TPQ-10 strikes against the 5 fortified villages requested by CG, III MAF. The special forces sent in reconnaissance patrols after the strikes and reported that in the two villages, they patrolled they found 8 KIA, 7 WIA, 42 structures destroyed, and numerous tunnels collapsed.

Major General ROBERTSHAW, WC, visited the DASC and ASRT at DONG HA

MASS-2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

27 Dec MASS 2 CAT discussed medical aid program for HOA MY hamlet (with the 1st MAW Civil Affairs Officer. Received permission to conduct program using the squadron corpsmen.

MASS 2 CAT taught 2 hours of "Advanced English" to 3 teachers from HOA MY School.

CONFIDENTIAL

CONFIDENTIAL

28 Dec MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

MASS 2 delivered used plywood to the ARVN Light Equipment Company to assist in the construction of the HOA MY School.

80 Officers and men attended the BOB HOPE Show.

30 Dec MASS 2 CAT taught 2 hours of "Beginning English" to 5 teachers from HOA MY School.

31 Dec Lieutenant General KRULAK, CG, FMFPAC visited the DASC and ASRT at DONG HA.

Commenced 48 hour New Years Truce.

ASRT "C" alerted for possible employment against large VC forces believed to be moving toward HUE

US ARMY MOHAWK aircraft using sidelooking radar located a large VC contingent (1000+) northwest of HUE. At the direction of III MAF, ASRT "C" commenced TPQ-10 strikes on the enemy. Conducted 34 missions dropping 204,000 pounds of bombs on the enemy forces. In addition ASRT "C" controlled two transport aircraft over the target area for flare drops in conjunction with visual air attacks by VMA(AW) 242. No battle damage received due to weather conditions.

PART IV

SUPPORTING DOCUMENTS

TAB A Statistical Data - December 1966.

TAB B Direct Air Support Center Statistical Data - January through December 1966.

TAB C Air Support Radar Team Statistical Data - January through December 1966.

TAB D Recommended Provisional Table of Organization for a Marine Air Support Squadron.
(Original Only)

CONFIDENTIAL

CONFIDENTIAL

TAB A STATISTICAL DATA DECEMBER 19661. Direct Air Support CenterTotal Missions

	<u>Fixed Wing</u>	<u>Helicopter</u>	<u>Med-Evacs*</u>	<u>Total</u>
DASC-DANANG	456	1225	(413)	1681
DASC-DONG HA	369	623	(72)	992
DASC-PHU BAI	308	561	(131)	869
TOTALS	1133	2409	(616)	3542

* Med-Evacs included in Helicopter Missions

2. Air Support Radar Teams

	<u>No of Missions</u>	<u>No of Targets</u>	<u>No A/C controlled</u>	<u>Tons of Bom- bs Dropped</u>
ASRT"B"-DANANG*	71	105	79	155.0
ASRT"C"-PHU BAI	329	768	345	1040.75
ASRT"D"-DONG HA	499	1348	547	1730.75
TOTALS	899	2221	971	2926.5

* ASRT"B" was down 21 days for on site rehabilitation of AN/TPQ-10 System#14. System A-9 arrived in country on 21 December and commenced operations 23 December.

Target Coverage = $\frac{2926.5 \text{ Tons}}{2221 \text{ Targets}}$ = 1.31 Tons/Target

CONFIDENTIAL

CONFIDENTIAL

TAB-B DIRECT AIR SUPPORT CENTERS (DASC) STATISTICAL DATA - 1 JANUARY 1966 through 31 DECEMBER 1966

<u>MONTH</u>	<u>TOTAL HELICOPTER MISSIONS</u>					<u>TOTAL FIXED WING MISSIONS</u>				
	<u>DANANG</u>	<u>CHU LAI*</u>	<u>PHU BAI</u>	<u>DONG HA**</u>	<u>TOTAL</u>	<u>DANANG</u>	<u>CHU LAI*</u>	<u>PHU BAI</u>	<u>DONG HA**</u>	<u>TOTAL</u>
JANUARY	888	709	N/A	94	1591	332	170	N/A	21	523
FEBRUARY	658	436	N/A	410	1504	230	63	N/A	123	416
MARCH	1030	922	N/A	N/A	1952	436	350	N/A	N/A	786
APRIL	1060	1068	213	35	2376	359	246	79	19	703
MAY	800	947	249	35	2031	223	249	163	16	651
JUNE	1137	1173	439	N/A	2749	200	472	256	N/A	928
JULY	1152	1301	363	785	3601	149	438	261	737	1585
AUGUST	1061	1275	320	364	3020	288	623	303	314	1528
SEPTEMBER	1103	1305	248	853	3509	295	443	101	777	1616
OCTOBER	1094	1102	190	988	3374	226	411	125	636	1398
NOVEMBER	1060	750	506	704	3020	232	311	315	619	1477
DECEMBER	1225	N/A	561	623	2409	456	N/A	308	369	1133
TOTALS	12,268	10,988	3,089	4,891	31,236	3,426	3,776	1,911	3,631	12,744

Notes: * CHU LAI DASC transferred to MASS-3 on November 19, 1966.

** DONG HA DASC was the Mobile DASC until August when it became permanent at DONG HA.

CONFIDENTIAL

DECLASSIFIED

DECLASSIFIED

CONFIDENTIAL

TAB C - AIR SUPPORT RADAR TEAMS (ASRT) STATISTICAL DATA - 1 JANUARY THROUGH 31 DECEMBER 1966

<u>MONTH</u>	<u>TOTAL AN/TPQ-10 MISSIONS</u>					<u>TOTAL TONS OF BOMBS DROPPED</u>				
	<u>ASRT A*</u>	<u>ASRT B</u>	<u>ASRT C</u>	<u>ASRT D</u>	<u>TOTAL</u>	<u>ASRT A*</u>	<u>ASRT B</u>	<u>ASRT C</u>	<u>ASRT D</u>	<u>TOTAL</u>
JANUARY	313	167	N/A	78	558	306.875	215.875	N/A	113.000	635.750
FEBRUARY	226	115	99	142	582	329.500	157.375	88.875	268.500	844.250
MARCH	356	272	183	73	884	275.625	241.750	197.125	83.250	797.750
APRIL	280	200	243	110	933	314.625	199.250	213.625	103.500	831.000
MAY	273	142	279	99	793	246.750	149.500	230.500	124.000	750.750
JUNE	337	82	190	157	766	270.125	75.750	230.375	141.500	717.750
JULY	184	119	192	449	944	246.625	140.375	321.625	597.375	1306.000
AUGUST	352	147	440	231	1170	512.375	242.125	401.000	394.125	1549.625
SEPTEMBER	420	287	313	482	1502	485.600	374.900	512.700	599.500	1972.700
OCTOBER	554	131	550	420	1655	804.600	197.200	1005.900	832.600	2840.300
NOVEMBER	268	284	337	517	1406	398.875	504.375	957.775	1378.750	3239.775
DECEMBER	N/A	71	329	499	899	N/A	155.000	1040.750	1730.750	2926.500
TOTALS	3563	2017	3155	3307	12042	4191.575	2653.475	5200.250	6366.850	18412.150

Note: * - ASRT "A" transferred to MASS-3 on November 19, 1966

CONFIDENTIAL

DECLASSIFIED

DECLASSIFIED

MARINE AIR SUPPORT SQUADRON 2
Marine Wing Headquarters Group 1
1st Marine Aircraft Wing, FMF, Pacific
FPO, San Francisco, California 96602

3:RFG:jld
1080
03B35166
17 December 1966

CONFIDENTIAL

From: Commanding Officer
To: Commanding Officer, Marine Wing Headquarters Group 1
Subj: Provisional Table of Organization of a Marine Air Support Squadron
(MASS), Recommendations for (U)
Ref: (a) CG, 1st MAW msg 090252Z November 66 (C)
(b) USMC T/O M-8640 (MASS)
Encl: (1) Provisional Table of Organization-Marine Air Support Squadron

1. (U) Background

a. Reference (a) ~~requested~~ recommendations concerning provisional tables of organization specifically tailored to support combat operations in Vietnam during fiscal year '68. Enclosure (1) is the recommended provisional table of organization for a Marine Air Support Squadron. This provisional T/O provides for a major reorganization of the squadron to support counter-insurgency operation. Because the recommended T/O includes a major reorganization, an entire revised T/O is enclosed rather than line by line changes to reference (b). The paragraphs below will explain in detail the criteria for the recommended changes.

2. (C) Organization for Combat

a. A Marine Air Support Squadron (MASS) is currently organized (M-8640) to operate in direct support of one marine division in an amphibious assault and subsequent land operations within a battle area roughly 20 by 30 miles. The MASS normally establishes its command post in the vicinity of the division headquarters and the Direct Air Support Center (DASC) is normally located adjacent to the division Fire Support Coordination Center (FSCC). From this location, the MASS is capable of serving as the air support control link between the division and the supporting marine aircraft wing.

CONFIDENTIAL

CONFIDENTIAL

b. The very nature of the counter-insurgency operations in Vietnam have required the marine division to operate over large land areas not normally feasible in conventional land warfare. This enlarged battle area has had significant effects on the marine air support system. Currently each marine division is operating in two large operations areas or tactical areas of responsibility. The operations conducted within one area have little or no immediate tactical impact on operations in the adjacent areas. In addition, these operating areas are generally widely separated and land transportation is not feasible unless conducted in large escorted convoys. This dispersion has required that the tactical infantry headquarters within each operating area have its own Direct Air Support Center to assist in planning and control of tactical air support.

c. The requirement to provide adequate radar bombing (AN/TPQ-10) coverage over the large division operating areas has required the Air Support Radar Teams to be widely separated with only limited overlapping radar coverage. The lack of adequate overlapping coverage and the heavy requirement for radar bombing in the monsoon season has required the radars to operate almost continuously. The wide separation between the radar sites has also made them difficult to support logistically.

d. From the above discussion it can be seen that the Marine Air Support Squadron has been forced to disperse into widely separated detachments in order to provide the necessary control and coordination of air support. This fragmentation of the squadron and the problems involved in communications, supply, and maintenance support require that the outlying detachments be made more self-sufficient.

3. General Reorganization Requirements. The following requirements exist to provide adequate air support for the supported marines division during Counter-insurgency operations.

a. Establish an additional Direct Air Support Center (Mobile) to operate with an independent Task Force. This DASC should be augmented with communications maintenance and service personnel in order to conduct semi-independent operations.

b. Increase the size of the Air Support Radar Team to include a diesel mechanic, auto mechanic, and radio telegraph operator for semi-independent operations. The topographic surveyor to be dropped from the ASRT and the three surveyors to operate as a team under the centralized control of the operations section.

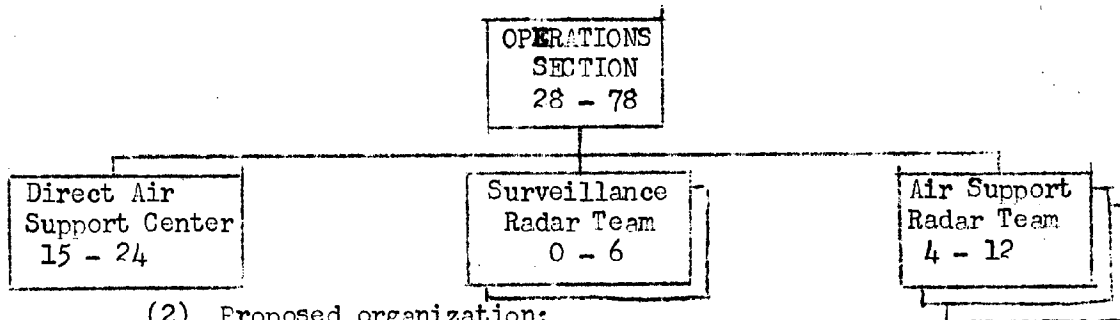
c. Delete the two surveillance Radar Teams from the table of Organization. This "nice to have" surveillance capability is being adequately handled by close coordination with USMC and USAF radar sites. The electronic equipment operators could be more advantageously employed in the additional DASC (Mobile).

CONFIDENTIAL

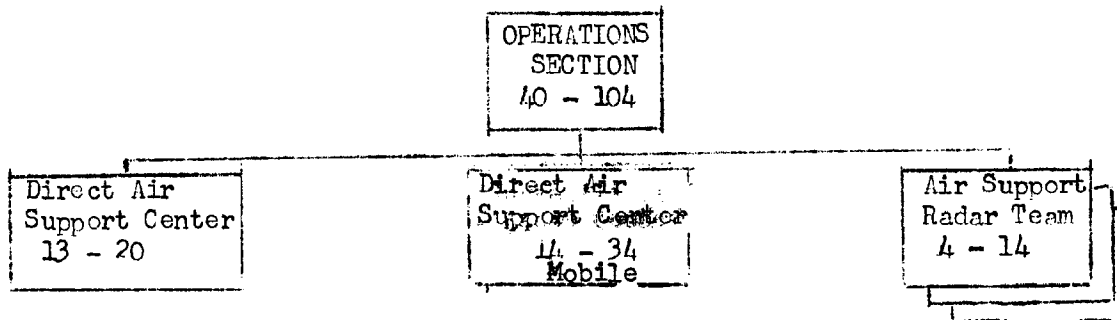
d. Increase the number of aviation fire control technicians within the Communications-Electronics Section to provide adequate fourth echelon maintenance of the AN/TPQ-10.

e. The diagram below illustrates the present and recommended organization of the operations section.

(1) Present organization:



(2) Proposed organization:



4. Specific Changes and Justification. Based on the criteria established in paragraphs 2 and 3 above the following personnel changes are recommended:

a. Officers (Net increase of 14 officers)

<u>MOS</u>	<u>CHANGE</u>	<u>JUSTIFICATION</u>
2805	add 2 Lt.	To assist in radio maintenance at the CP and Mobile DASC
5905	add 1 Lt.	To supervise 4th echelon maintenance of AN/TPQ-10
6702	add 2 Maj.	To serve as OIC's of the two DASC's
6708	add 3 Capt. add 6 Lt.	Air Control Officers for the Mobile DASC.

CONFIDENTIAL

b. Enlisted (Net increase of 10 men)

<u>MOS</u>	<u>CHANGE</u>	<u>JUSTIFICATION</u>
0231	+ 1 Sgt	Intelligence assistant for Mobile DASC.
1141	- 2 Cpl	Not required
1341	- 1 Cpl - 1 LCpl	To be replaced by more experienced 1342 to handle large 400 cycle generators at ASRT
1342	+ 3 Sgt	One per ASRT to operate generators
2111	- 1 LCpl	Not required
2511	+ 1 LCpl	Wireman for Mobile DASC
2533	+ 5 LCpl	Radio Tel Opr for each ASRT others for Mobile DASC
2851	- 1 LCpl	To be replaced by 2861
2861	+ 1 SSgt + 1 Sgt	Radio Repairman for Mobile DASC
3041	+ 4 LCpl	Supply admin man for each ASRT and Mobile DASC
3051	- 3 Cpl	General Warehouse man from each ASRT replaced by 3041
3311	+ 1 LCpl	Baker instead of cook
3371	- 1 LCpl	Replaced by baker
3516	+ 3 LCpl	Auto mechanic for each ASRT
3531	- 1 LCpl - 4 Pfc	Not required since increase in mechanics
5942	- 2 Cpl - 2 LCpl	Not required-surveillance radar team dropped from T/O
5949	- 2 SSgt - 2 Sgt	Not required-surveillance radar team dropped from T/O
5961	+ 2 GySgt + 1 SSgt + 1 Sgt + 1 Cpl	Provide 4th echelon maintenance on AN/TPQ-10 Systems at GRM 38 van at CP

CONFIDENTIAL

CONFIDENTIAL

<u>MOS</u>	<u>CHANGE</u>	<u>JUSTIFICATION</u>
6741	+ 1 MSgt + 1 Sgt + 2 Cpl + 4 LCpl	Operations Chief a MSGT vice a GSGT. Operations personnel for Mobile DASC.
6811	- 1 LCPL	Aerologyman not required - data received from Aerology sections at airfields.
7041	+ 1 CPL	Operations clerk for the Mobile DASC.

5. Commanders Comments. The reorganization of the Marine Air Support Squadron to provide for semi-independent operations of outlying detachments will greatly improve the air support system. Currently there are two Marine Air Support Squadrons in Vietnam and the proposed table of organization would provide for the establishment of four Direct Air Support Centers and six Air Support Radar Teams to support the Third Marine Amphibious Force. With these DASCs and ASRTs organized and equipped for semi-independent operations, the air support system would be better organized to support the tactical requirements of the ground forces.

H. Hunter, Jr.
H. HUNTER, Jr.

PROVISIONAL TABLE
OF ORGANIZATION
PROV - 8640

MARINE AIR SUPPORT SQUADRON (MASS)
MARINE WING HEADQUARTERS GROUP
MARINE AIRCRAFT WING
REPUBLIC OF VIETNAM

1. PROMULGATION STATEMENT. This provisional table of organization recommends the organizational structure, Personnel Allocation Plan Code, billet authorization, personnel strength, and individual weapons for a Marine Air Support Squadron conducting counter-insurgency operations in the Republic of Vietnam.

2. ORGANIZATION:

HEADQUARTERS SECTION
COMMUNICATION AND ELECTRONICS SECTION
OPERATIONS SECTION
SERVICE SECTION

3. MISSIONS AND TASKS.

a. Mission. Provide facilities for the control of aircraft operating in close or direct support of Fleet Marine and Free World Forces in the Republic of Vietnam.

b. Tasks.

- (1) Receive and coordinate requests for air support.
- (2) Maintain the capability to operate a Direct Air Support Center at the command post of the senior supported headquarters.
- (3) Maintain the capability to operate a Mobile Direct Air Support Center at an Independent Task Force command post.
- (4) Maintain up to three Air Support Radar Teams to operate and maintain facilities for the electronic control of close and direct air support operations.
- (5) Provide facilities for the operation of a helicopter direction center at each Direct Air Support Center.
- (6) Provide fourth echelon maintenance of Marine Corps furnished radar equipment and aviation peculiar communication-electronics materiel items and perform third echelon maintenance of other communication-electronics items and generators, less Single Side Band.
- (7) Provide second echelon maintenance for organic motor transport equipment.

4. CONCEPT OF ORGANIZATION. Typically under the command and control of the Wing Commander or as designated by him.
5. CONCEPT OF EMPLOYMENT. Support the Fleet Marine Force Units and Free World Forces by electronic control of aircraft in close and/or direct support of counter-insurgency operations.
6. ADMINISTRATIVE CAPABILITY. Capable of self-administration.
7. LOGISTICAL CAPABILITY. Capable of performing fourth echelon maintenance of Marine Corps furnished radar equipment and aviation peculiar communication, electronics equipment and third echelon maintenance of all other assigned communication-electronics equipment and generators, less Single Side Band. Capable of performing second echelon maintenance of assigned motor transport, equipment, and the required supply and fiscal functions required for squadron operations.

PROVISIONAL T/O 8640 - MASS

LINE	BILLET DESCRIPTION	RANK	MOS	OFFICER		ENLISTED		
				NA	AG	USMC	USN	WPM
<u>1 HEADQUARTERS SECTION</u>								
<u>2 COMMAND UNIT</u>								
3	COMMANDING OFFICER	LCOL	6702	1				R
4	EXECUTIVE OFFICER	MAJ	6702	1				R
5	SERGEANT MAJOR	SGTM	9999			1		P
<u>6 ADMINISTRATIVE UNIT</u>								
7	ADMIN OFFICER	LT	0130		1			P
8	ADMIN CHIEF	GSGT	0141			1		P
9	ADMIN MAN	SGT	0141			1		M
10	ADMIN MAN	CPL	0141			1		M
11	ADMIN MAN	LCPL	0141			2		M
<u>12 MEDICAL UNIT</u>								
13	PO IN CHARGE	HMI	8404				1	P
14	MED FLD SERV TECH	HM3	8404				1	P
15				2	1	6	2	
<u>16 COMM & ELECTRONIC SECTION</u>								
17	COMM & ELECT. OFFICER	CAPT	2502		1			P
18	COMM MAINT OFFICER	LT	2805		1			P
19	ELECTRONICS OFFICER	LT	5905		1			P
20	COMM ELECT CHIEF	GYSGT	2529			1		P
21	RADIO TECHNICIAN	SSGT	2861			1		P
22	RADIO TECHNICIAN	SGT	2861			1		M
23	AVN FIRE CONTROL TECH	GSGT	5961			2		P
24	AVN FIRE CONTROL TECH	SSGT	5961			2		P
25	AVN FIRE CONTROL TECH	SGT	5961			1		M

LINE	BILLET DESCRIPTION	RANK	MOS	OFFICER		ENLISTED		
				NA	AG	USMC	USN	WPN
26	AVN FIRE CONTROL TECH	CPL	5961			1		M
27	AVN RADIO REPAIRMAN	CPL	2851			1		M
28	AVN RADIO REPAIRMAN	LCPL	2851			2		M
29	WIRE MAN	CPL	2511			1		M
30	WIRE MAN	LCPL	2511			3		M
31	TP-TT REPAIRMAN	CPL	2811			1		M
32	RADIO TELE OPR	CPL	2533			1		M
33	RADIO TELE OPR	LCPL	2533			2		M
34				0	3	20	0	
35	<u>OPERATIONS SECTION</u>							
36	OPERATIONS OFFICER	MAJ	6702	1				R
37	OPERATIONS CHIEF	MSGT	6741			1		P
38	INTELLIGENCE ASST	SGT	0231			1		M
39	TRAINING NCO	SGT	8711			1		M
40	TOPO SURVEYOR	SGT	1443			3		M
41	NBC DEF SPEC	CPL	5711			1		M
42	OPERATIONS CLERK	CPL	7041			1		M
43	<u>DIRECT AIR SUPPORT CENTER</u>							
44	OFF IN CHARGE	MAJ	6702		1			P
45	AIR CONT OFFICER	CAPT	6708	1				R
46	AIR CONT OFFICER	CAPT	6708		2			P
47	AIR SUPP CONT OFFICER	LT	6708		7			P
48	AIR CONT OFFICER	LT	6708	2				R
49	AVN ELECT OPR (NCOIC)	GSGT	6741			1		P

LINE	BILLET DESCRIPTION	RANK	MOS	OFFICER		ENLISTED		
				NA	AG	USMC	USN	WPN
50	AVN ELECT OPR	SSGT	6741			1		P
51	AVN ELECT OPR	SGT	6741			3		M
52	AVN ELECT OPR	CPL	6741			6		M
53	AVN ELECT OPR	LCPL	6741			6		M
54	AVN ELECT OPR	PFC	6741			3		M
55	<u>DIRECT AIR SUPPORT CENTER (MOBILE) (TASK FORCE)</u>							
56	OFF IN CHARGE	MAJ	6702		1			P
57	AIR CONT OFFICER	CAPT	6708	1				R
58	AIR CONT OFFICER	CAPT	6708		2			P
59	AIR CONT OFFICER	LT	6708	2				R
60	AIR SUPPORT CONT OFF	LT	6708		7			P
61	COMM MAINT OFF	LT	2805		1			P
62	AVN ELECT OPR (NCOIC)	GSGT	6741			1		P
63	AVN ELECT OPR	SSGT	6741			1		P
64	AVN ELECT OPR	SGT	6741			3		M
65	AVN ELECT OPR	CPL	6741			6		M
66	AVN ELECT OPR	LCPL	6741			6		M
67	AVN ELECT OPR	PFC	6741			3		M
68	INTELLIGENCE ASST	SGT	0231			1		M
69	OPERATIONS CLERK	CPL	7041			1		M
70	RADIO TEL OPR	CPL	2533			1		M
71	RADIO TEL OPR	LCPL	2533			2		M
72	RADIO TECH	SSGT	2861			1		P
73	RADIO TECH	SGT	2861			1		M
74	AVN RADIO REPAIR	CPL	2851			1		M
75	AVN RADIO REPAIR	LCPL	2851			1		M

LINE	BU	LET DESCRIPTION	RANK	MOS	OFFICER		ENLISTED		
					MA	AG	USMC	USN	WPN
76		WIREMAN	LCPL	2511			1		M
77		SUPPLY ADMIN MAN	LCPL	3041			1		M
78		DIESAL MECH	CPL	1341			1		M
79		AUTO MECH	LCPL	3516			1		M
80		ELECTRICIAN	LCPL	1141			1		M
81		<u>AIR SUPPORT RADAR TEAM (THREE)</u>							
82		OFF IN CHARGE	CAPT	6708	3				R
83		AIR SUPPORT CONT OFF	LT	6708		6			P
84		ELECTRONICS OFFICER	WO	5905		3			P
85		ASRT CHIEF	SGST	6741			3		P
86		AVN ELECT OPR	CPL	6741			3		M
87		AVN ELECT OPR	LCPL	6741			6		M
88		AVN FIRE CONT TECH	SSGT	5961			3		P
89		AVN FIRE CONT TECH	SGT	5961			3		M
90		AVN FIRE CONT TECH	CPL	5961			3		M
91		AVN FIRE CONT TECH	LCPL	5961			3		M
92		AVN RADIO REPAIR	CPL	2851			3		M
93		RADIO TELE OPR	LCPL	2533			3		M
94		WIREMAN	PFC	2511			3		M
95		SUPPLY ADMIN MAN	LCPL	3041			3		M
96		DIESAL MECHANIC	SGT	1342			3		M
97		AUTO MECHANIC	LCPL	3516			3		M
98						10	30	104	0

LINE	BILLET DESCRIPTION	RANK	MOS	OFFICER		ENLISTED		
				NA	AG	USMC	USN	WPN
99	<u>SERVICES SECTION</u>							
100	SERVICES OFFICER	CAPT	0402		①			
101	LOGISTICS MAN	CPL	0441			1		M
102	<u>FOOD SERVICES UNIT</u>							
103	MESS CHIEF	SSGT	3371			1		P
104	COOK	CPL	3371			1		M
105	COOK	LCPL	3371			1		M
106	BAKER	LCPL	3311			1		M
107	COOK	PFC	3371			1		M
108	<u>MOTOR TRANSPORT - GENERATOR UNIT</u>							
109	MT MAINT OFFICER	WO	3510		1			P
110	MT CHIEF	SGT	3516			1		P
111	DIESAL MECH	SSGT	1342			1		P
112	DIESAL MECH	SGT	1342			1		M
113	AUTO MECH	SGT	3516			1		M
114	AUTO MECH	CPL	3516			1		M
115	MTR VEH OPR	SGT	3531			1		M
116	MTR VEH OPR	CPL	3531			2		M
117	MTR VEH OPR	LCPL	3531			2		M
118	MTR VEH OPR	PFC	3531			4		M
119	ELECTRICIAN	LCPL	1141			1		M
120	<u>SUPPLY UNIT</u>							
121	SUPPLY OFFICER	CAPT	3002		1			P
122	NCIC	SGT	3041			1		P
123	SUPPLY ADMIN MAN	SGT	3041			1		M

LINE	BULLET DESCRIPTION	RANK	MOS	OFFICER		ENLISTED		
				NA	AG	USMC	USN	WPN
124	SUPPLY ADMIN MAN	CPL	3041			2		M
125	SUPPLY ADMIN MAN	LCPL	3041			1		M
126	SUPPLY ADMIN MAN	PFC	3041			1		M
127	GEN WHSEMAN	CPL	3051			1		M
128	GEN WHSEMAN	LCPL	3051			1		M
129	GEN WHSEMAN	PFC	3051			2		M
130	AVN SUPPLY MAN	CPL	3071			1		M
131	AVN SUPPLY MAN	LCPL	3071			1		M
132	<u>UTILITIES UNIT</u>							
133	WJOLG	GSGT	1169			1		P
134	ELECTRICIAN	CPL	1141			1		M
135	ELECTRICIAN	LCPL	1141			1		M
136	REFRIGERATOR TECH	CPL	1161			1		M
137	CARPENTER	CPL	1371			1		M
138	CARPENTER	LCPL	1371			1		M
139				0	2	39	0	
140	ORGANIZATIONAL TOTALS			12	36	169	2	
141	(1) NOT INCLUDED IN TOTALS							
142	INDIVIDUAL WEAPONS							
143	PISTOL REVOLVER RIFLE							
144	63 12 144							

RECAPITULATION BY MOS

LINE	MOS	LECOL	MAJ	CAPT	LT	WO	ADJUTANT
NAVAL AVIATORS							
1	6702	1	2				3
2	6708			5	4		9
3	Total	1	2	5	4		12
GROUND OFFICERS							
4	0130				1		1
5	2502			1			1
6	2805				2		2
7	3002			1			1
8	3510					1	1
9	5905				1	3	4
10	6702		2				2
11	6708			4	20		24
12	Total		2	6	24	4	36
13	Total	1	4	11	28	4	48

ENLISTED	E-9	E-8	E-7	E-6	E-5	E-4	E-3	E-2/1	Total
14	0141		1		1	1	2		5
15	0231				2				2
16	0441					1			1
17	1141						1	3	4
18	1161					1			1
19	1169		1						1
20	1341					1			1
21	1342			1	4				5
22	1371					1	1		2
23	1443				3				3
24	2511					1	4	3	8
25	2529		1						1
26	2533					2	7		9
27	2811						1		1
28	2851					5	3		8
29	2861			2	2				4
30	3041		1		1	2	5	1	10
31	3051					1	1	2	4
32	3071					1	1		2
33	3311						1		1
34	3371			1		1	1	1	4
35	3516		1		1	1	4		7
36	3531				1	2	2	4	9
37	5711					1			1
38	5961		2	5	4	4	3		18
39	6741	1	5	2	6	15	18	6	53
40	7041					2			2
41	8711				1				1
42	9999	1							1
43	Total	1	1	12	11	26	43	55	169
44	8404				1	1			2 (USN)