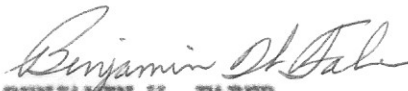


HISTORY OF THE 244th MOBILE COMMUNICATIONS SQUADRON (CONTINGENCY)

1 JULY 1968 -- 30 JUNE 1969

**Prepared By
Captain Gene A. Katke**

APPROVED BY:


BENJAMIN W. FABER
Major, OreANG
15 November 1969

OREGON AIR NATIONAL GUARD

TABLE OF CONTENTS

	<u>Page</u>
I. MISSION AND RESOURCES	1
A. Mission	1
B. Organization	1
C. Personnel	2
D. Major Equipment	3
E. Facilities	4
II. OPERATIONS AND TRAINING	5
A. Operational Readiness	5
B. Training Programs	5-6
C. Special Training Exercises	7-8
III. MISCELLANEOUS	9
A. Awards	9
B. Social Functions	9
GLOSSARY	10
APPENDIX	
1. Roster of Key Personnel	11
2. Organizational Chart	12

I. MISSION AND RESOURCES

A. Mission.

1. The peacetime mission of the 244th Mobile Communications Squadron (Contingency) is to organize, man, and equip to attain and maintain optimum effective capability to carry out roles and tasks assigned in gaining command plans for utilization in the event of a national emergency.

2. The wartime mission is to provide those communications elements for the purpose of conducting operations in support of AFCS/TGA mobile communications missions during war or in the event of a national emergency.

B. Organization.

1. Past - The 244th AACS E&I Squadron was organized on 7 July 1955 under authority contained in General Order 46, The Adjutant General, Oregon, dated 24 May 1956 as outlined in UMD 1-2221, dated 1 June 1955. The unit was redesignated from the 244th AACS E&I Squadron to 244th GEEIA Squadron effective 1 January 1959 under authority contained in General Order 24, The Adjutant General, Oregon, dated 20 February 1959. The unit was redesignated and reorganized from 244th GEEIA Squadron to 244th Radio Relay Squadron effective 1 October 1960 under authority contained in General Order 63, The Adjutant General, Oregon, dated 23 September 1960. See Appendix 2, Unit Organizational Chart.

2. Present - The unit was redesignated 244th Mobile Communications Squadron (Contingency) effective 16 Mar 68 under authority contained in General Order 12, The Adjutant General, Oregon, dated 4 March 1968.

3. LtCol Philip G. Saxton, 544-18-7068FG, has been in command since 16 Mar 68.

C. Personnel -

1. Strength:	<u>AUTHORIZED</u>	<u>PROGRAMMED</u>	<u>ASSIGNED</u>
Officers	11	9	6
Airmen	<u>174</u>	<u>143</u>	<u>146</u>
	185	152	152

2. Attendance: Average percentage of attendance at Unit Training Assemblies was 98%. Field Training attendance was 95%.

3. Air Technicians Authorized and Assigned:

<u>NAME</u>	<u>GRADE</u>	<u>TECHNICIAN POSITION</u>	<u>UNIT POSITION</u>	<u>PAFSC</u>	<u>CAFSC</u>
Bulletset, L.A.	Capt	Comm Unit Supv	Supply Off, Gen	7324	---
Masic, T.L.	MSgt	Admin Supv	Pers Tech	73293	73270
Miller, G.K.	Sgt	Pers Tech	Pers Spec	73250	73250
Kyle, R.T.	TSgt	Career Cont Tech	Educ & Trng Tech	75172	75172
DeMars, R.P.	TSgt	Radio Maint Tech	Ground Radio Comm Tech	30474	30474
Butts, L.E.	MSgt	Radio Maint Tech	Radio Relay Equip Tech	30470	30470
Bixler, R.D.	SMSgt	Radio-Radar Maint Supt	Ground Radio Comm Supt	30490	30490
Deets, E.R.	SSgt	Wire Maint Tech	CM/RL Cont Equip Maint Supv	36350	36350
Dragowsky, R.W.	SMSgt	Materiel Cont Tech	Inv Management Supv	64590	64590
Lamberton, R.M.	MSgt	Comm Ops Tech	Comm Center Ops Supt	29170	29170
Stanton, J.M.	SSgt	Mtzd Veh/Grnd Equip Spec	Aerosp Grnd Eq Rpm Tech	42173	42153
Mill, R.S.	MSgt	Mtzd Veh/Grnd Equip Spec	Gen Purp Veh & Body Maint Tech	54370	47330
Luft, A.W.	MSgt	Mtzd Veh/Grnd Equip Tech	Aerosp Ground Eq Rpm Tech	42173	42173
Campbell, D.	Civ.	Admin Spec	Position utilized in AGO.		

4. Number of enlistments and discharges for period of this report:

Enlistments: Prior Service: 1
Non-Prior Service: 21

Discharged: 32

D. Major Equipment

1. Communications Equipment

<u>Nomenclature</u>	<u>Title</u>	<u>On-Hand</u>	<u>Authorized</u>
AN/TRC-97A	Microwave/Tropo	1	2
AN/TRC-36	FM Radio Relay	5	5
AN/TRC-61	FM Radio Terminal	3	3
AN/TSC-60	HF Comm Central	0	3
AN/TSC-15	HF Comm Central	1	0
KWM-2A	HF Command & Control	2	2
AN/GRC-26	HF/AM Radio-Teletype	1	0
AN/GRC-129	HF SSB Radio-Teletype	5	0
AN/MGC-2	Van, Comm Center	1	1 (Sub Item)
AN/MGC-6A	Van, Crypto	0	1
AN/MS-22B	Van, Tech Control	0	1
AN/TT-7	200 Line Switchboard	0	1

2. Vehicular Equipment

M-35 & M-35A2	2½ Ton Truck, 6x6	23	20 *
M-17	1½ Ton Pickup, 4x4	2	5
Dodge	¾ Ton Six-Pass Pickup 4x4	16	0
Dodge	¾ Ton Six-Pass Pickup 4x2	2	0
Ford	¾ Ton Pickup, Econoline	2	2
Ford	Station Wagon	1	1

Snowcat	Covered Snowcat,	1	1
	Tracked Vehicle		
International	10 Ton Wrecker	1	1

* TA-010 and all numbers in the authorized column are under revision.

3. Aerospace Ground Equipment

EMU-10	Generator, 60 cycle 10 kw	6	24
EMU-19	Generator, 400 cycle 10 kw	0	4
B-12	Generator, 60 cycle 2½ kw	2	2
H-1	Heater	4	4
MC-2A	Compressor	1	2
MB-2	Compressor	1	0
PU-286	Generator, 60 cycle 5 kw	13	0
GGC-10AC	Generator, 60 cycle 10 kw	3	0
EMU-12	Generator, 400 cycle 20 kw	4	0
PU-107	Generator, 400 cycle 12½ kw	5	0
MB-5	Generator, 60 cycle 25 kw	1	0
20-AM	Generator, 60 cycle	1	0

E. Facilities -

1. The unit headquarters, communications, materiel control and administrative and personnel activities are located in Bldg P-1333, Portland International Airport, Oregon.

2. The motor vehicle and ground power activities and associated equipment are located in the Oregon Air National Guard Motor Pool, PIA, Ore.

3. The Medical section jointly utilized the 142nd USAF Dispensary (OreANG) facilities, PIA, Ore.

4. The Food Service section jointly utilized the OreANG Dining Hall, PIA, Ore.

II. OPERATIONS AND TRAINING

A. Operational Readiness - compiled from Operational Readiness Reports, RCS 1-ANG-VI. Authority: ANGM 178-1.

<u>QUARTER ENDING</u>	<u>COMMANDERS ESTIMATE OF OVER-ALL UNIT READINESS</u>	<u>COMMANDERS FORECAST OF OVER-ALL UNIT READINESS</u>	<u>PERSONNEL</u>	<u>MOBILITY EQUIPMENT</u>
30 Sep 68	6	6/6/6	6/55.3	6/6
31 Dec 68	6	6/6/6	6/63.5	6/6
31 Mar 69	6	6/6/6	6/64	6/6
30 Jun 69	7	7/7/7	7/68	7/7

B. Training Program -

1. Skill Knowledge Testing (1 Jul 68 - 30 Jun 69):

<u>SKT LEVEL</u>	<u>TESTED</u>	<u>PASSED</u>	<u>PERCENTAGE QUAL</u>
3	55	53	96 %
5	40	34	85 %
<u>7</u>	<u>8</u>	<u>4</u>	<u>50 %</u>
TOTALS	103	91	88 %

2. Service School Attendance (Since Reorganization.)

a. Non-Prior Service Number

ABR 29130	Apr Comm Cen Ops Spec	4
ABR 54530	Apr Refrig/Air Cond Spec	1
ABR 62230	Apr Cook	3
ABR 64530	Apr Inventory Mgt Spec	1
ABR 70230	Apr Admin Spec	2
ABR 73230	Apr Personnel Spec	1
ABR 30630	Apr Elec Comm/Crypto Eq Systems Rpmn	1

b. Prior Service

ABR 30434	Apr Grnd Radio Comm Eq Rpmn	1
ABR 90230	Apr Medical Service Spec	1
AZR 30450	Radio Relay Eq Rpmn (TRC-97)	4

40ST 1935-2	Ground Safety Technician	1
ANG NCO Academy		1
4AJF75000-24	OJT Trainer/Supv (FTD)	41
4AMF 30170-196		1
	Rx Maintenance TSC-15	
ZASR 47350-75	Multi-fuel Engine Maint	1
30ZR-015-2	Disaster Preparedness Officer	1
Air War College	now attending	1

3. Extension Course Institute and Career Development Courses.

a. Professional Military Education Courses.

	Completed	Enrolled
2C Military Management (SOS)	1	4
06 Management for Air Force Supv	14	21

b. Specialty Career Field Courses

7521A	Principles and Techniques of Instruction	2	1
3030	Fund of Electricity	1	1
3031	Fund of Electron Tubes	0	1
3033	Fund of Radio Communications	0	1
3032	Fund of Solid State Devices	5	3
3034	Fund of Elec Generators, Motors & Servomechanisms	0	1
3035	Fund of Microwaves	0	1
3036	Fund of Radar	0	1
3075	Television Principles	1	1
3079	Tropospheric Scatter Communications Systems	2	0

c. Career Development Courses Completed

10000	General Subjects, UGT	40
29150	Comm Center Ops Spcl	20
29350	Ground Radio Ops	3
30000	Comm-Elect Rpmn	18
30001	Comm-Elect Tech	3
30450	Radio Relay Equip Rpmn	13
30470	Radio Relay Equip Tech	3
30454	Ground Radio Comm Eq Rpmn	13
30474	Ground Radio Comm Eq Tech	2
30471	Flight Facility Eq Tech	1
30451	Flight Facility Eq Spec	1
30455	Television Equip Rpmn	1
30750	Tele-Comm Systems Control Spec/Tech	9
36251	Tel Switching Eq Rpmn/Tech	1
42153	Aerospace Grnd Eq Rpmn/Tech	4

47000	Basic Motor Veh Maint	2
47151	Automotive Rpm	3
62200	Food Service Fund	5
62250	Cook	7
70000	Admin Spec	4
70250	Admin Practices	3
64550	Inventory Mgt Spec	2
73250	Personnel Spec	4
90000	General Medical Subjects	1
54550	Refrig/Air Conditioning Spec	<u>2</u>

TOTAL CDC's completed since 1 Mar 68: 163

d. Special Training Exercises.

(1) Annual Field Training. One third of the unit participated in Guard Strike II, Volk Field, Wisconsin, and O'Hare IAP, Illinois. Radio relay personnel operated and removed a radio relay tropospheric scatter link between these two locations. The balance of the squadron conducted training at Camp Rilea, Oregon. Emphasis was placed on camp operation and retraining of personnel. One deployment was accomplished at Camp Rilea involving the location of two terminals, one comm center and three relays for a twenty-four hour operation. Field Training attendance was 100% (with 12 airmen constructively present).

(2) The 244th Mobile Communications Squadron (Cont) conducts communications exercises during unit training assemblies in support of 252nd Mobile Comm Group and/or unit training operations. These exercises have as their purpose unit training towards optimum mission effectiveness through actual engineering, installation, and operation of radio relay systems, H.F. and FM Tropo systems, and Comm-Center tributary operations.

(a) Exercise on September 1968 unit training assembly weekend. A thirty-six hour mobility exercise involving a two terminal-four relay system from Portland International Airport to Camp Rilea, Oregon with teletype communications centers, Nav-Aids Communi-

cations Management Office (NCMO) and switchboard facilities at both ends of the system.

(b) Exercise on October 1968 unit training assembly weekend. A local exercise (8 hours each day) involving two FM terminals, two teletype Comm-Centers and NCMD facilities all located at Portland International Airport, Oregon.

(c) Exercise on December 1968 unit training assembly weekend. A local exercise (8 hours each day) involving FM terminals and teletype Comm-Centers at Rocky Butte (Portland) and at Portland International Airport, and related back-up and support facilities.

(d) Exercise on February 1969 unit training assembly weekend. A local exercise repeating the December operation.

(e) Exercise on March 1969 unit training assembly weekend. A 36 hour exercise (mobility) involving a two terminal, one relay system from Portland International Airport via Rocky Butte (Portland) to the 33rd street armory (Portland). Primary emphasis placed on the operation of teletype Communications Center, Switchboard, Technical Control and Command Post/NCMD facilities.

(f) Exercise on May 1969 unit training assembly weekend. A local exercise (8 hours each day) involving a two terminal, two relay and two FM Tropo terminal system from Portland International Airport via Rocky Butte and Washington Park (both Portland) to the Oregon Museum of Science and Industry complex (Portland). Mobility and proficiency training were combined with a public display of unit equipment as part of the Armed Forces Day parade.

(g) Exercise on June 1969 unit training

assembly weekend. A thirty-six hour mobility exercise involving a two terminal, four relay system from Delta Park (Portland) to Longview, Washington. This operation simulated the 1969 APT system and is designed to provide training in systems engineering, deployment, installation, operation, and maintenance of mobile mission equipment and facilities requiring extensive coordination within the squadron and between squadrons of the group.

V. MISCELLANEOUS

A. Awards:

1. SSgt Gary J. Takis was named the Unit Outstanding Airman for CY 1969.

B. Social Functions. On 18 April 1969 the NCO's of this unit held their Annual Dining-In with the officers as guests. Invited guests present were L. D. "Pat" Cody and his son. Mr. Cody has many years of association with aerospace and aerospace education. This event was attended by 50 officers and NCO's and was held at the Country Kitchen Restaurant in Portland, Oregon.

G L O S S A R Y

AACS E&I	Airways and Air Communications Service Engineering and Installations.
AFCS	Air Force Communications Service.
AN/TRC-36	FM Radio Relay Sets designed to provide multichannel communications from point-to-point. Approximately 30-5- mile separation.
AN/TRC-61	FM Radio Relay Terminal Sets designed to provid terminal facilities for radio relay systems.
AN/TRC-97A	TroposphericScatter Radio set designed to provide multi-channel telephone and telegraph communications without the use of relays.
CDC	Career Development Course.
EMU-10	10 kilowatt ground power generator designed to provide power to operate radio equipment and associated facilities.
FM-Tropo	See AN/TRC-97A
FM System	Very high frequency/ultra high frequency (VHF/UHF) radio relay system. Operating from 200-400 megacycle region of radio frequency spectrum. Requires line-of-sight operation.
GEEIA	Ground Electronics Engineering Installation Agency.
GGC-10AC	10 kilowatt ground power generator designed to provide power to operate radio equipment and associated facilities.
HF	High frequency.
Multiplex	Mixing of several voice and teletype channels over a common wire or system and demultiplex at far terminal end.
NCMO	Nav-Aids Communications Management Office.
PU-286/U	5 kilowatt ground power generator designed to provide power to operate radio equipment and associated facilities.
SKT	Skill Knowledge test.
Trib	High frequency medium and long haul communications system.

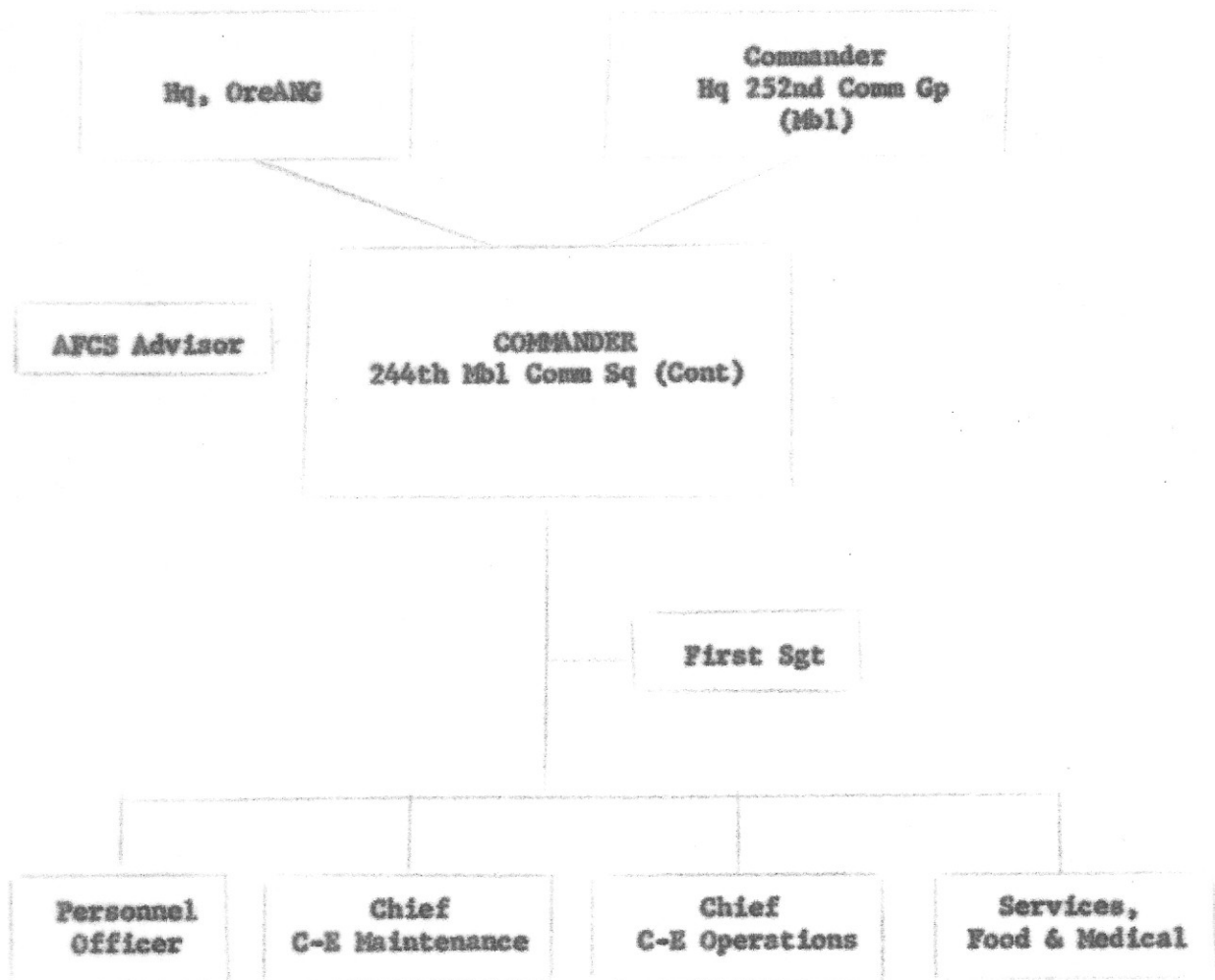
ROSTER OF KEY PERSONNEL

<u>GRADE</u>	<u>NAME</u>	<u>PAFSC</u>	<u>UNIT POSITION</u>
LtCol	Philip G. Saxton	3016	Commander
Major	Benjamin W. Faber	3016	Comm-Elec Staff Off
Major	Richard O. Hoyt	3016	Comm-Elec Maint Off
Capt	Louis A. Bulletset Jr	7324	Supply Off, Gen
Capt	Gene A. Katke	3034	Comm Officer
1Lt	Theodore R. Salo	3034	Comm Officer
Capt	Donald E. Moore	3034	Air Force Advisor
SMSgt	Raymond D. Bixler	30490	Grnd Radio Comm Supt
SMSgt	Raymond W. Dragowsky	64590	Inven Mang Supv
SMSgt	Ralph L. Mesick	30490	Grnd Radio Comm Supt
SMSgt	Joseph P. Hellberg	10090	First Sergeant
MSgt	Tom L. Masic	73293	Personnel Supv
MSgt	Arthur W. Luft	42173	Arsp Gnd Eq Rpmn/Tech
MSgt	Richard S. Mill	54370	Gen Pur Veh & Body Maint Tech
MSgt	Ronald M. Lamberton	29170	Comm Center Opns Supt
TSgt	Richard T. Kyle	75172	Educ & Tng Supv
SSgt	Everett R. Deets	36350	CM/RL Con Equip Maint Supv
Sgt	Gary K. Miller,	73250	Personnel Spec
MSgt	Willie B. Johnson	30490	Air Force Tech Adv

APPENDIX 1

ORGANIZATIONAL CHART

244th MOBILE COMMUNICATIONS SQUADRON (CONTINGENCY)



APPENDIX 2