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DEPARTMENT OF THE AIR FORCE  
AIR FORCE HISTORICAL RESEARCH AGENCY  
MAXWELL AIR FORCE BASE, ALABAMA

24 Jul 09  
RSA/O/2009-1919/64943/mtg

AFHRA  
600 Chennault Circle  
Maxwell AFB AL 36112-6424  
USA

John Greenewald  
8512 Newcastle Ave.  
Northridge, CA 91325

Dear Mr. Greenewald:

This letter is in reply to your Freedom of Information Act request of 6 July 2009. The request was received by the AFHRA on 20 July 2009 and was assigned the FOIA case number 2009-1919.

After researching your request, I have enclosed a full copy (117 pgs) of IRIS #459598, 551<sup>st</sup> Airborne Early Warning and Control Wing. Please note that under the Freedom of Information Act you can be charged \$.15 per page copied. The first 100 pages are provided to you free of charge. However, the document was 117 pages. The additional 17 pages will equal a balance due of \$2.55. Please send a check or money order payable to AFO MAXWELL AFB. Mail the check or money order to:

AFHRA/RSA  
ATTN: For FOIA  
600 Chennault Circle  
Maxwell AFB AL 36112-6424

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Sincerely,

Mrs. Marcie T. Green  
Archivist

Attachments:  
1. IRIS #459598

**Main:** WING/0551/AIRBORNE EARLY WARNING AND CONTROL

**RECTYPE:** Periodic History **Call:** K-WG-551-HI

**IRIS Number:** 459598

**BegDate:** 01-01-1965 **EndDate:** 12-31-1965 **PubDate:** **Author:**

**Title:**

**Title Extension:**

**Title Added Entries:**

**Class:** UNCLASSIFIED **LNFT:** 0 **AudioRec:** **NumPages:** 0 **MajCom:**

**Subject:**

**Abstract:** CONTAINS QUARTERLY HISTORIES FOR 551 AIRBORNE EARLY WARNING AND CONTROL WING BASED AT OTIS AIR FORCE BASE MA. WING PROCESSED TWO UFO (UNIDENTIFIED FLYING OBJECT) REPORTS. WING PARTICIPATED IN AIR DEFENSE EXERCISES APACHE MAGIC, APACHE UNION I, DESK TOP VII, AND TOP RUNG VII.

**DateRcvd:** **AddDate:** 07-12-1990 **IRISRef:** N0869

**Admin:** No Administrative Markings Listed

**SecInfo:**

**DNotes:** APPENDICES INCLUDE MONTHLY MISSION ANALYSIS REPORTS AND EC-121H AVERAGE DAILY AIRCRAFT AVAILABILITY.

**AccNotes:** **OldAcc:** 6-2885-1A **AccsnrID:** **DateAccs:** **Reel:** 10580 **Frame:** 1649 **FrameLast:** 1766

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DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS 551st AIRBORNE EARLY WARNING AND CONTROL WING (ADC)  
OTIS AIR FORCE BASE, MASSACHUSETTS 02542



REPLY TO  
ATTN OF: 551C10

3 FEB 1986  
DECLASSIFIED

SUBJECT: Historical Record, RCS: AU-D5

TO: 26 Air Div (26C10-H)

1. Attached is the Wing History for the organization covering the period 1 October - 31 December 1965.

2. When attachments are removed, this letter will be downgraded to unclassified.

P.R.C.

FOR THE COMMANDER

*Paul E. McManus*

PAUL E. MCMANUS, Captain, USAF  
Chief, Information Division

1 Atch  
(C) Wing History  
(4 cys)

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SCHEDULES BY EXECUTIVE ORDER 11652  
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INTERVALS DECLASSIFIED ON DECEMBER  
31, 1971

DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
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This history is classified CONFIDENTIAL in accordance with the highest classification of the source materials used in its preparation. Appendix A contains classified materials. Chapters I through XVIII used no classified material in their preparation and are, therefore, UNCLASSIFIED. Appendix B used no classified material in preparation and is, therefore, UNCLASSIFIED.

Downgraded at 3 - year intervals  
Declassified after 12 years  
DOD DIR 5200.10

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Availability

RCS : AU - D5

# HISTORICAL RECORD

of the

551ST AIRBORNE EARLY WARNING AND CONTROL WING (ADC)

for the period ending

31 December 1965

Section II.

COMMENTARY

(See ADC Supplement I to AFR 210-3 for additional guidance)

PART A. This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes in primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance.

I. MISSION AND ORGANIZATION

Mission. See Section I, Paragraph 5.

Organization. See Section I, Paragraph 4.

II. OPERATIONS AND TRAINING

Intelligence. Two UFO reports were processed. One sighting was investigated and the report sent to FTD (TDEW) Wright-Patterson AFB, Ohio, with a probable cause as a "weather balloon." The second report was over a year old and of no value. This report was processed by the Information Division.

Air Defense Exercises. The Intelligence Division participated along with the Battle Staff in exercise Desk Top VII (11 Oct), Apache Arrow I (20 Oct), Top Run X (4 Nov), and Cree Arrow I (18 Nov).

Aircrew Intelligence Training. In October, Intelligence Ground Training lesson #5 (Soviet Manned Bomber and Electronic Warfare Threat) was presented to 184 EC-121 aircrew members. In November and December, lesson #6 (Soviet Submarine Threat and Vietnam film) was presented to 503 Wing Aircrew members.

III. STANDARDIZATION EVALUATION DIVISION

Projects. Cold weather procedures were placed in effect on 15 November to alleviate some of the problems associated with winter operations. On 6 Dec., a preliminary conference at Kelly AFB, Texas, was attended by SED personnel. With the information gathered at the preliminary conference, a final conference was held at Hq ADC. (These conferences were the result of an engine test performed in April 1965.)

(If more space is needed, continue on blank sheets, size 8 x 10 1/2, numbered and securely attached hereto.)

## Section I.

## REQUIRED DATA

## 1. UNIT AND LOCATION

551st Airborne Early Warning and  
Control Wing, Otis AFB, Mass.

## 2. NAME AND GRADE OF COMMANDER

JOHN M. KONOSKY  
Colonel, USAF

## 3. CHAIN OF COMMAND (Superior Echelons)

United States Air Force  
Air Defense Command  
26th Air Division

For Operational Control:

North American Air Defense Command  
Continental Air Defense Command  
26th NORAD/CONAD Region

## 4. SUBORDINATE UNITS (Down to and including squadrons)

960th AEW Con Squadron  
961st AEW Con Squadron  
962nd AEW Con Squadron  
551st Combat Support Group  
551st Headquarters Squadron  
551st Air Police Squadron  
551st Electronics Maintenance Squadron  
551st Field Maintenance Squadron  
551st Organizational Maintenance Squadron  
551st Civil Engineering Squadron

551st Transportation Squadron  
551st USAF Hospital  
551st Supply Squadron  
551st WAF Squadron

## 5. MISSION (Give authority and brief statement of primary mission)

The 551st AEW Con Wing mission was delegated by Major General Arthur C. Agan Jr., commanding the 26th Air Division, in Hq 26th AD Regulation 23 - 6, dated 12 January 1964.

The mission of the Wing is to equip, train, operate, and administer AEW and Con forces and place these forces in a maximum state of readiness under the operational command/control of commanders designated by competent authority.

## 6. PERSONNEL

	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	409	3207	525	4141
<del>XXXXXX</del> Authorized	407	3382	539	4328

## 7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)

EC-121Hs	-	29
TC-121Hs	-	3
C-47s	-	1
USA	-	<u>1</u>
Total		34



PART B: This part should include a list of key personnel and information on: (1) community relations; (2) awards and decorations; (3) morale; (4) any other subjects the commander may wish to include.

#### IV. WING OPERATIONS CENTER

Communications. To ensure prompt handling of aircraft clearances when the duty airman's instrument is occupied with other priority duties, an additional pickup was added at the duty NCO's position.

Relocation. Plans for the relocation of WOC and associated facilities to building 197 and for the ALCOP relocation to building 181 are well under way although no actual construction has yet been started.

#### V. OPERATIONAL PLANS DIVISION

Briefings. Special briefings were presented to several VIP's which included: 1st Army Region Commander, Vice Commander of ADC, the ADC Judge Advocate, ADC Environments Division Chief, and ADC Director of Tactics and Training.

Plans. A Tactical Evaluation was prepared and distributed. The plan lists requirements for examination and exercising necessary to be prepared for a tactical evaluation.

Visits. The ADC Inspector General visited the 551st AEW&Con Wing 15-19 November. Results of the inspection overall were satisfactory. On 29 Nov., representatives for all major commands involved met at Otis AFB for a progress briefing on the ALRI study program.

ALRI Study Group. Operations Plans personnel represented Hq ADC at a conference held by the ALRI Study Group to make final changes to the ADC

operational requirements for ALRI.

(If more space is needed, continue on blank sheets, size 8 x 10 1/2, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)  
PAUL E. MCMANUS, Captain, USAF

SIGNATURE

*Paul E. McManus*

APPROVED BY (Typed name and grade of Commander)

JOHN M. KONOSKY  
Colonel, USAF

SIGNATURE

*John M. Konosky*

Flying Hours. A message was sent to ADC requesting a reduction in flying hours for the 3rd and 4th quarter FY - 66. The request was predicated by a NORS (Not Operationally Ready Supply) rate of 21%; or an increase of 11% over the last reporting period.

#### VI. COMMUNICATIONS ELECTRONICS

Projects. The Wing Commander's Radio Net was researched to increase range and efficiency. Following the research, Base Communications was requested to improve antenna equipment and relocation of antennas to higher elevation.

#### VII. BASE OPERATIONS AND TRAINING

Training Alerts. One base-wide alert was conducted on 20 October which included a DECUF Evaluation by Hq 26th Air Division. All units performed well with the exception of the Base Command Post, Wing Operations Center, Hospital and the 60th Fighter Interceptor Squadron. The lack of adequate personnel protection was the main factor in the above sections and units not receiving a favorable inspection report. Broken Arrow exercises were conducted on 1 and 4 November, and Command Post exercises were conducted on 16 and 18 November.

Military Training. The fourth round of General Military Training Evaluations was conducted during this quarter. All units were evaluated with the exception of the 551st WAF Squadron Section.

The results of the evaluations proved, in most cases, to be outstanding. Since the third round of evaluations, those units with poor or negligible training programs have made remarkable improvements. (Additional information will be contained in the 26AD-T5 Report.)

Base Operations. During this reporting period, Base Operations handled 2,310 inbound and 2,200 outbound flights. Of this total, Transient aircraft accounted for 522 inbound and 558 outbound flights. A total of 60 Distinguished Visitors arrived or departed this station.

Management Schools. Three Management Courses for Air Force Supervisors were conducted, graduating 61 students. One "Steps to Better Written Communications" course was conducted, graduating 21 students. Thirty-six NCO's attended a Management Review Course.

#### VIII. WING SAFETY DIVISION

Aircraft Accident. There was one reportable minor aircraft accident on 6 October. During the jacking operation of a C-121, the jack slipped off the pad and penetrated the left wing through the fuel tank to the top of the skin.

Precautionary Landings and Tire Failures. There were 46 precautionary landings. Of this number, 36 involved engine shut-downs; which included six for internal failures; two for physiological reasons; one for smoke in the aircraft; one due to a cracked radome; and two retraction problems after take-off. The remainder were

generated by cylinder failures, shorted ignition system, fire warning, and hydraulic system failures. There was a total of 14 landing gear tires condemned for cuts and abrasions.

Operational Hazard Reports. A total of 12 Operational Hazard Reports were received, processed, and action completed by the Wing Safety Office.

Ground Safety. There were four government motor vehicle accidents, one special purpose vehicle accident, four privately owned motor vehicle accidents, one industrial accident and four domestic accidents reported (to DIG/Safety Hq USAF.) These accidents accounted for one military fatality, seven military disabling injuries, one civilian disabling injury, and \$976 in USAF Property damage. The overall evaluation of ground accidents amounted to \$49,222.00.

Safety Surveys. Eight surveys were conducted, which included carbon monoxide tests of all vehicles assigned to Otis AFB.

## IX. CONSOLIDATED BASE PERSONNEL

Assignments. Personnel reassigned overseas, not including Southeast Asia, totaled 318. 185 persons were reassigned to Southeast Asia. CONUS assignments numbered 105. One officer and 30 airmen volunteered for special duty; three officers and 135 airmen volunteered for overseas.

Separations. Separations during the quarter were: Officers 20, Airmen 210. This figure includes one officer retirement, 21 Airmen retirements, 23 miscellaneous discharges, and two medical discharges.

Career Motivations. Extensive command emphasis was placed on the career motivation area, especially the retention of first-term airmen and the functions of the Junior Officer Council. Reenlistment rates for first-term airmen was 14% and for career airmen 86%.

Special Actions. A Wing promotion board was held in December to consider airmen for promotion to the grades of A1C and SSgt. This was a "first" in considering A2C at Wing level since selection of airmen in this grade was previously accomplished at the unit level. The change was necessary because of the AFSC promotion quota limitations imposed by higher headquarters. Airmen selected for advancement will assume their new grades on 1 February 1966.

Machine Accounting. The implementation of the personnel data system (Officer) on 1 November, increased the number of cards maintained on officers from 6 to 14, resulting in the preparation and maintenance of some 7,000 cards. The first data products were received from the base Data Services and Statistics office. These products have been previously prepared by Hq Air Defense Command.

X. CIVIL ENGINEERING

Engineering Branch. Projects totaling \$245,390 were forwarded to Base Procurement for contractual award during this quarter.

Fire Protection Branch. The Base Fire Department responded to five building and one brush fire during this period.

Power Production. All base generators were running on 9 November, due to the East Coast power failure. Units ran one hour, one unit failed to start automatically but was started manually. All units are on normal stand-by status.

XI. ACCOUNTING AND FINANCE

Budget. The second revision for Project 562, Subsistence, was prepared and forwarded to the 26th Air Division for approval on 7 Dec.

Data Processing. The Wing's reporting record, with the exception of daily and "as required reports," to the 26th Air Division for the period 1 October through 31 December was as follows:

<u>MONTH</u>	<u>NUMBER OF REPORTS SUBMITTED</u>	<u>NUMBER OF LATE REPORTS</u>
Oct 65	189	1
Nov 65	139	0
Dec 65	153	0

The UNIVAC 1050 II conversion was completed and the unit fully operational on 8 December.

XII. BASE CHAPEL SECTION

Activities. An Airmen's Discussion Group was initiated on 3 October. This group is now a part of the Airmen's Religious Program at the Shaw Hall Chapel.

XIII. BASE PROCUREMENT OFFICE

Actions. A total of 12,701 Purchase Requests were received and processed by the Base Procurement Office. Line items purchased totaled 10,260 and 2,072 actions were processed. Total monies spent amounted to \$1,918,861.

XIV. SUPPLY

Management and Procedures. During conversion to the UNIVAC 1050-11 the Procedures and Standardization Section served as the central point for approximately 6000 post post documents from 5 November through 27 November. This Section was responsible for performing quality control, distribution and filing of all post post documents in the proper sequence in preparation for processing when the system became operational.

Base Fuels. The multi-product aviation fuels (115/145-JP-4) pipeline became fully operational on 1 October. This pipeline runs direct from the contractor's storage facility in Sandwich, Mass. Conversion of automated accounting for aviation division fuel stock fund items was implemented on 1 November.

Item Accounting. The initiation and successful completion of operation "Dovetail" was accomplished during this reporting period. This preconversion process, monitored by Hq ADC personnel, gave all Supply personnel concerned with actual conversion, a preliminary of what the conversion processing would accomplish, the handling of rejects, and practice in data load, change and correction.

The actual conversion from the ADC Standard Supply System (RAMAC 305) to the USAF Standard Base Level Supply System (UNIVAC 1050 - 11) was accomplished during this quarter. The most significant points of the conversion was the accuracy of the conversion itself.

The RAMAC 305 was released back to the manufacturer (IBM) and the space made available for Research Section and Supplies Management Office.

#### XV. MAINTENANCE

Quality Control. A total of fifty-two unsatisfactory reports were submitted during this quarter. The reports concerned deficiencies existing on engine power recovery turbines, propellers, constant speed drivers, elevator control valve, C-121 Main landing gear street assemblies, engines, magnetrons, C-121 Wheel assemblies, Vard gear box failures and Parametric Amplifier deficiencies, etc. Exhibits for several of the above reports were forwarded to the depots concerned for investigation.



Aircraft Phase Inspections. One hundred and six aircraft phase inspections were accomplished during this period. In addition 28 engine changes, 40 engine build-up inspections were completed, and 56 Functional Check Flights were flown.

Staff Electronics. The following problem areas were investigated during the reporting period: inadequate repair contract coverage for FY-66 with LASNY and MAAMA; failure of and spares for pulse transformer in the APS-103; IRS AGE down time and rotatable spares; test equipment for support of Hazeltine's validation of AN/APS-95 AGE.

Maintenance Supply Liaison. The number of cannibalizations has decreased over the past three months by about 15%. The Not Operationally Ready Supply (NORS) rate for the period was about 21% or an increase of 11%. The control and documentation of Due In from Maintenance (DIFM) assets continues to be a problem. The operation and control of radio call-ins for parts was transferred to Base Supply in December.

Time Compliance Technical Order (TCTO). Time Compliance Technical Order (TCTO) status had an increased effect on the availability of EC-121H aircraft for mission accomplishment and will continue to have an effect through June 1966. The Wing/Base Level TCTO's and AFLC Assistance Field Level TCTO's reduced the availability of EC-121H aircraft 2.7 in October, 2.9 in November, and 1.4 in December.

TCTO's outstanding at the beginning of October were 302. Eighty-eight were complied with during the Quarter, leaving 214 not complied with. (See attached chart, Appendix B, marked with asterisks for the forecast through June 1966.)

#### XVI. STAFF JUDGE ADVOCATE

Actions. During the reporting period, the docket of cases reflected the following: One Article 32 investigation, six Special Courts-Martial, three Summary Courts-Martial, and 59 Article 15's. A total of 20 Administrative Board Proceedings, 56 Contracts, 13 Line of Duty Determinations, and four Reports of Survey were reviewed for legal sufficiency. In addition, seven hundred fifty military personnel and their dependents received legal assistance during the quarter.

#### XVII. SECURITY AND LAW ENFORCEMENT

Relocation. The entire security force moved into building 769 during November. This consolidated the security force in an area near all the Restricted Areas.

Sentry Dogs. The Sentry Dog Section has been reduced from 16 dogs to nine. Five dogs and six handlers are PCS to Southeast Asia, and two dogs have been euthanized.

## XVIII. BASE SERVICES DIVISION

Housing and Billeting. Approximately \$95,000 worth of furniture was obtained and placed in the transient facilities. A new receipt and registration card was established for Billeting. It is anticipated that an annual savings of \$7,000 will be realized because of this change. The third floor of a brick dormitory was obtained to house transients. Previously, airmen transients were housed in substandard wooden barracks.

Base Exchange. Construction of the new addition to building 5203 started in early October and is progressing satisfactorily. After completion this building (formerly the Sport Store) will become the new Main Store. It appears that the contractor will meet his completion date which is February 1966. Target date for the new store opening is 1 March 1966.

Redistribution and Marketing. \$1342.65 was made by retail sale of Government surplus property during the quarter.

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MISSION ANALYSIS REPORT NO 65-10

OCTOBER 65

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2387	2354	- 33	99
Training	520	512	- 8	98
Transition Diversion	-	42	+ 42	100
Special	-	60	+ 60	100
Support	229	217	- 12	95
Test/Ferry	30	16	- 14	53
LRN	96	105	+ 9	109
TOTAL	3262	3306	+ 44	101

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U3A</u>
3051	255	3306	11	63

3. (U) Sorties Flown:

	<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>
AAD	223	-	223
Transition Diversion	5	3	8
Transition	105	22	127
Special	8	2	10
Support	13	12	25
Test/Ferry	16	0	16
LRN	4	1	5
TOTAL	374	40	424

4. (U) Monthly Average Possession:

<u>EC-121H</u>	<u>TC-121C</u>	<u>C-47</u>	<u>U3A</u>
26	3	1	1

5. (C) Flying Time by Squadrons:

	<u>960th</u>	<u>961st</u>	<u>962d</u>	<u>Maint</u>	<u>TOTAL</u>
AAD	302	762	790	X	2354
Other	325	282	311	34	952
TOTAL	1127	1044	1101	34	3306

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G. (C) Station Time:

<u>STATION</u>	<u>AUTO/MAN PROVIDED</u>
2	443:32/13:17
4	441:49/28:07
6	234:21/19:08
8	90:18/16:54
Total	1210:00/77:26
TOTAL	1287:26

a. IRI Outage	286:30
b. Comm Outage	0:00
c. AFS-95 Outage	14:59
d. AGDL Outage	15:25
e. TDDL Outage	180:50
f. SIF Outage	131:34

7. (U) EC-121H Possession:

Hours Possessed:	18336
Ops Ready	9590
NORM	5657
NORS	3091

MISSION ANALYSIS REPORT NO 65-12

DECEMBER 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2403	*1983	- 420	83
Training	480	434	- 46	90
Transition Diversion	-	-	-	-
Special	-	63	+ 63	100
Support	229	184	- 45	80
Test/Ferry	30	22	- 8	73
LRN	120	146	+ 26	122
Training Mission	-	459	+ 459	100
TOTAL	3262	3291	+ 29	101

\*22 AADs were unsuccessful but were flown as IMs.

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>EC-121C</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U3A</u>
3058	233	3291	71	54

3. (U) Sorties Flown:

	<u>EC-121H</u>	<u>EC-121C</u>	<u>TOTAL</u>
AAD	177	0	177
Transition Diversions	0	2	2
Transition	85	13	98
Special	0	5	5
Support	12	12	24
Test/Ferry	20	3	23
LRN	5	0	5
Training Mission	39	0	39
TOTAL	338	35	373

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4. (U) Monthly Average Possession:

<u>EC-121H</u>	<u>EC-121C</u>	<u>C-47</u>	<u>U3A</u>
24.6	3	1	1

5. (C) Flying Time by Squadrons:

	<u>260th</u>	<u>261st</u>	<u>262d</u>	<u>Maint</u>	<u>Total</u>
AAD	628	726	629	X	1983
Other	436	448	402	22	1308
TOTAL	1064	1174	1031	22	3291

6. (C) Station Time:

<u>STATION</u>	<u>AUTO/MAN PROVIDED</u>
2	485:50/ 5:01
4	460:50/11:29
6	265:36/ 8:15
8	131:14/10:57
TOTAL	1306:30/35:42
TOTAL	1342:12

a. HRI Outage	262:35
b. Comm Outage	0.00
c. APS-95 Outage	13:26
d. AGDL Outage	3:12
e. TDDL Outage	145:29
f. SIF Outage	54:01

7. (U) EC-121H Possession:

Hours Possessed:	18328
Ops Ready:	10277
NORM:	4154
MORS:	3897

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MISSION ANALYSIS REPORT NO 65-11

NOVEMBER 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2329	2315	- 14	99
Training	480	401	- 79	84
Transition Diversion	-	53	+ 53	100
Special	-	20	+ 20	100
Support	222	174	- 48	78
Test/Ferry	30	17	- 13	57
LRN	96	111	+ 15	116
TOTAL	3157	3091	- 66	98

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U3A</u>
2905	186	3091	61	29

3. (U) Sorties Flown:

	<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>
AAD	206	0	206
Transition Diversion	3	2	5
Transition	87	13	100
Special	2	5	7
Support	11	12	23
Test/Ferry	13	3	16
LRN	5	0	5
Training Mission	1	0	1
TOTAL	328	35	363

4. (U) Monthly Average Possession:

<u>EC-121H</u>	<u>TC-121C</u>	<u>C-47</u>	<u>U3A</u>
25.4	3	1	1

5. (C) Flying Time by Squadrons:

	<u>960th</u>	<u>961st</u>	<u>962D</u>	<u>Maint</u>	<u>TOTAL</u>
AAD	742	823	750	X	2315
Other	238	243	276	19	776
TOTAL	980	1066	1026	19	3091

UNCLASSIFIED BY 11/17/01 R. INTER.  
 DATE 02-14-2001 BY 11/17/01 R. INTER.  
 FROM THE RECORDS



6. (C) Station Time:

<u>STATION</u>	<u>AUTO/MAN PROVIDED</u>
2	428:46/
4	468:38/23:45
6	302:22/00:46
8	139:44/18:49
TOTAL	1339:30/43:20
TOTAL	1382:50

- a. HRI Outage 319:04
- b. Comm Outage 0:00
- c. APS-95 Outage 9:07
- d. AGDL Outage 0:00
- e. TDDL Outage 136:22
- f. SIF Outage 99:17

7. (U) EC-121H Possession:

Hours Possessed:	19296
Ops Ready:	10904
NORM	4127
NORS	4266

**EC-121H**  
**AVERAGE DAILY AIRCRAFT AVAILABILITY**

	<i>JAN</i>	<i>FEB</i>	<i>MAR</i>	<i>APR</i>	<i>MAY</i>	<i>JUN</i>
ASSIGNED	29.	29.	29.	29.	29.	29.
* IRAN / WM - T.O.	5.1	6.75	5.53	5.43	4.40	1.50
POSSESSED	23.9	22.25	23.42	23.57	24.60	27.5
SCHEDULED PHASE	.56	.54	.57	.57	.60	.58
* W/B T.O.	.04	.8	.8	.8	.05	.05
UNPREDICTED F/M	4.40	4.25	4.47	4.49	4.74	4.56
ON/EM	4.55	4.61	4.84	4.87	5.14	4.95
SUPPLY ( - CRS)	4.23	4.00	4.30	4.32	4.56	4.39
DAILY AIRCRAFT AVAILABLE	10.12	7.93	8.44	8.52	9.51	12.97

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HEADQUARTERS  
551ST AIRBORNE EARLY WARNING AND CONTROL WING (ADC)  
UNITED STATES AIR FORCE  
OTIS AIR FORCE BASE, MASSACHUSETTS

REPLY TO  
ATTN OF: 551CIO

SUBJECT: Historical Record, RCS: AU-D5

23 OCT 1965

TO: 26 Air Div (26CIO-H)

1. Attached is the Wing History for the organization covering the period 1 July - 30 September 1965.
2. When attachments are removed, this letter will be downgraded to unclassified.

FOR THE COMMANDER

*Richard A. Barros*  
RICHARD A. BARROS, Captain, USAF  
Chief, Information Division

1 Atch  
(C) Wing History  
(4cys)

DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 18 YEARS.  
DOD DIR 5200.10

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This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U. S. C., Section 793 and 794. Its transmission or the revelation of its contents in any manner to unauthorized persons is prohibited by law.

RETAIN OR DESTROY IN ACCORDANCE WITH AFR 205-1

This history is classified CONFIDENTIAL in accordance with the highest classification of the source materials used in its preparation. Chapter V and Appendix A contain classified materials. Chapters I through IV and VI through XVIII used no classified material in their preparation and are, therefore, UNCLASSIFIED.

Downgraded at 3-year Intervals  
Declassified after 12 years  
DOD DIR 5200.10

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APPENDIX A (C)

Mission Analysis Report No. 65-7  
Mission Analysis Report No. 65-8  
Mission Analysis Report No. 65-9



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RCS: AU-D5

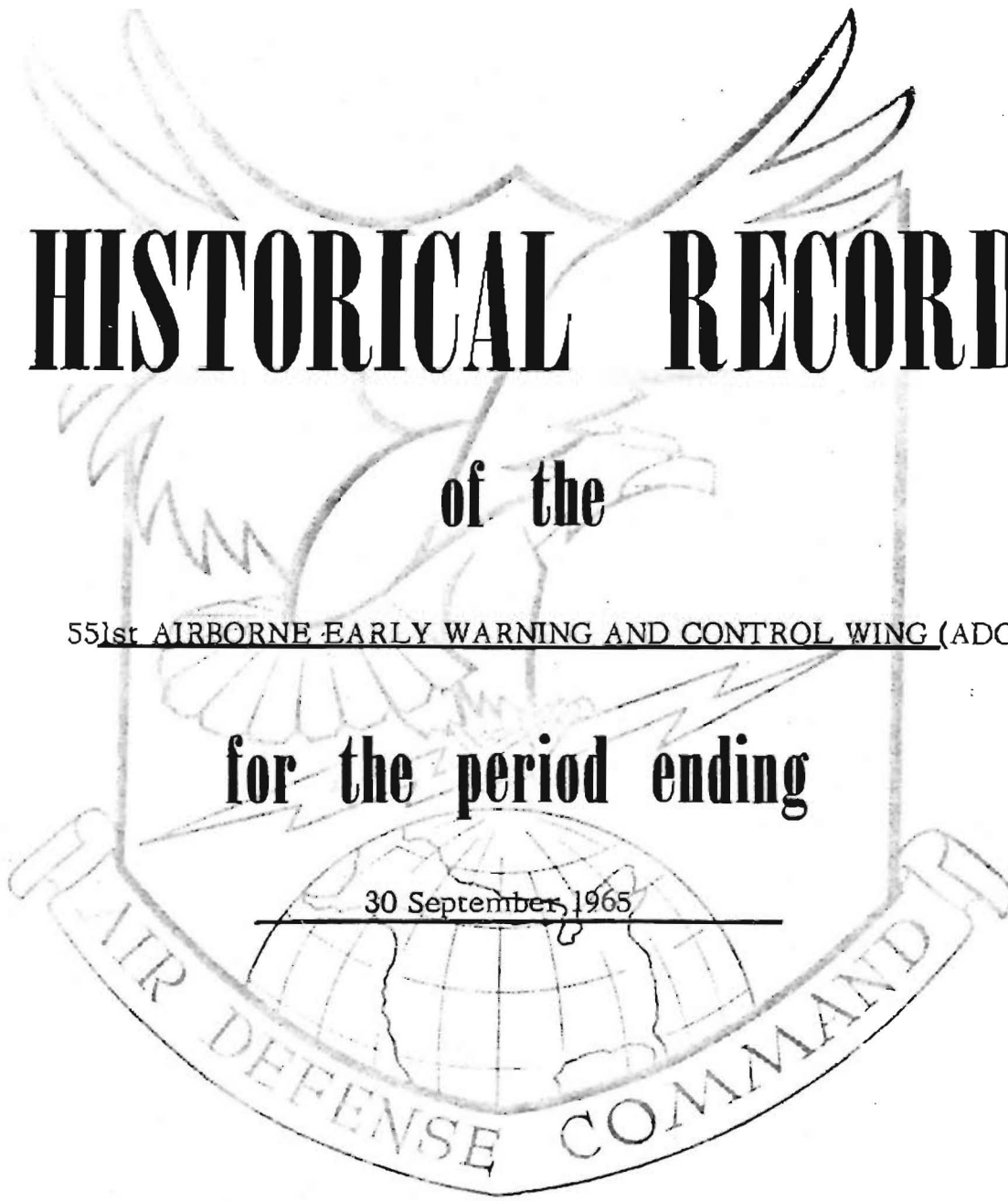
# HISTORICAL RECORD

of the

551st AIRBORNE EARLY WARNING AND CONTROL WING (ADC)

for the period ending

30 September, 1965



~~CONFIDENTIAL~~

## Section I.

## REQUIRED DATA

## 1. UNIT AND LOCATION

551st Airborne Early Warning and  
Control Wing, Otis AFB, Mass.

## 2. NAME AND GRADE OF COMMANDER

RAYMOND K. GALLAGHER  
Colonel, USAF

## 3. CHAIN OF COMMAND (Superior Echelons)

United States Air Force  
Air Defense Command  
26th Air Division

For Operational Control:

North American Air Defense Command  
Continental Air Defense Command  
26th NORAD/CONAD Region

## 4. SUBORDINATE UNITS (Down to and including squadrons)

960th AEW Con Squadron  
961st AEW Con Squadron  
962nd AEW Con Squadron  
551st Combat Support Group  
551st Headquarters Squadron  
551st Air Police Squadron  
551st Electronics Maintenance Squadron  
551st Field Maintenance Squadron  
551st Organizational Maintenance Squadron  
551st Civil Engineering Squadron

551st Transportation Squadron  
551st USAF Hospital  
551st Supply Squadron  
551st WAF Squadron

## 5. MISSION (Give authority and brief statement of primary mission)

The 551st AEW Con Wing mission was delegated by Major General Arthur C. Agran Jr., commanding the 26th Air Division, in Hq 26th AD Regulation 23-6, dated 12 January 1964.

The mission of the Wing is to equip, train, operate, and administer AEW and Con forces and place these forces in a maximum state of readiness under the operational command/control of commanders designated by competent authority.

## 6. PERSONNEL

	OFFICERS	AIRMEN	CIVILIANS	TOTAL
ASSIGNED	419	3294	525	4238
Authorized <del>XXXXXX</del>	408	3472	539	4419

## 7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)

EC-121Hs - 29  
TC-121Hs - 3  
C-47s - 2  
U3A - 1

Total 35

I. MISSION AND ORGANIZATION

(U) Mission. See Section I, Paragraph 5.

(U) Organization. See Section I, Paragraph 4.

II. OPERATIONS AND TRAINING

(U) Intelligence. During this quarterly period, three CIRVIS sightings were reported by EC-121 aircraft while on station. Two of these proved to be friendly submarines and one a concentration of 25 trawlers off the Coast of Cape Cod. Two UFO reports was investigated and sent to FTD (TDEW), Wright-Patterson AFB, Ohio. The other report was proven to be an aircraft landing at Otis AFB.

(U) Air Defense Exercises. The Intelligence Division participated along with the Battle Staff in exercise Apache Brave I on 6, 7 August.

III. STANDARDIZATION EVALUATION DIVISION

(U) Projects. 551 OTE personnel conducted evaluations of the 551 EM Squadron and the 551 OM Squadron as requested by the 551 AEW Con Wing Commander. TABS (Tactical Airborne Beacon System) flight tests with the NITRE Corp and OTE personnel were initiated during the period.

IV. WING OPERATIONS CENTER

(U) Key Personnel. Captain Bueil Carruthers reported to Wing Operations Center as Assistant Chief on 1 July 1965.

(U) WOC Communications. The HF Ground Station has been relocated to Building 2410, Otis AFB SESS. Line 03GLO415 was relocated from HF operating position to Duty Airman's position for purpose of passing ATC clearance data expeditiously. The 26th AD Teletype Alert System was removed since direct line with 26th Senior Director can assume this circuit's purpose.

(U) Rating. Wing Operations Center received an excellent rating by the 26th IG Team which visited the base during June 1965.

#### V. OPERATIONAL PLANS DIVISION.

(U) Briefings. A complete accident briefing on the tragic loss of aircraft 136 and sixteen crew members was presented to Maj. Gen. V. R. Shores, Commander, 26th Air Division and Lt. Gen. Thatcher, Commander, ADC.

(C) Plans personnel were part of a working group during the week of 20-24 September. This group convened at Hq, ADC for the original purpose of preparing a reclama to Hq, USAF concerning a proposed crew authorization reduction. When it became evident that no reclama was possible, the group spent the week preparing pipeline requirements to insure that only O/R crews are assigned to the 551st AEW&Con Wing at all times.

(U) ALRI Study Group. The ALRI Study Group, composed of engineering personnel from AFSC and AFLC, convened at Otis in August. The group

*(If additional space is required, continue on blank sheets, size 8x10 1/2, appropriately numbered, and attached securely hereto)*

TYPED NAME AND GRADE OF COMMANDER  
RAYMOND K. GALLAGHER,  
Colonel, USAF

SIGNATURE



will be in session until February 1966 and will attempt to solve ALRI problems.

#### VI. COMMUNICATIONS ELECTRONICS

(U) Projects. Mr. W. Jacobsen and CMSgt D. Denisar, 26th Air Division (OAC-CE) visited this organization in July to coordinate the phase-out and changeover of Det 1, 762 Radar Squadron to the 551st Combat Support Group.

#### VII. BASE OPERATIONS AND TRAINING

(U) Key Personnel. Lt Colonel Earl E. Putman returned as Chief, Base Operations and Training Division, after serving as Commander, AFROTC FTU for the period of the summer encampment. Lt Colonel Clarence A. Shauburger, who was assigned TDY as Chief, Base Operations and Training Division, departed on 6 September 1965.

(U) Training Branch. An evaluation visit schedule was completed with all squadrons showing improvement in their training programs. Three classes in the Management Course for Air Force Supervisors (MGT-1) were completed, graduating 49 students. Two classes in Effective Writing and one class in Techniques of Instruction were completed, graduating 32 and 8 students respectively.

(U) Small Arms Training. 5,066 Base personnel and ROTC cadets were trained in the Past year. 3,387 fired the carbine and 3,003 qualified. 1,195 fired the pistol and 523 qualified.

(U) Base Operations. During this period, Base Operations handled 3,301 inbound and 3,086 outbound flights. Of this total, Transient Aircraft accounted for 856 inbound and 908 outbound flights. A total of 133 Distinguished Visitors arrived and/or departed this station during the quarter.

(U) Air National Guard and Air Force Reserve. During this period, the Air Force Reserve and Air National Guard unit underwent their summer training, accounting for the increased amount of air traffic.

(U) Exercises. A Base-Wide alert was conducted on 28 September 1965. A broken Arrow Exercise was conducted on 19 August 1965. A Command Post (CPX) was conducted on 7 August 1965.

#### VIII. WING SAFETY DIVISION

(U) Flying Safety. There was one reportable major aircraft accident on 11 July 1965 that resulted in the first loss of life in an aircraft accident during the entire tenure of this Wing. The accident report has not at this date been finalized by higher headquarters, USAF. There were two minor incidents reported during this period:

Incident No. 1: On 1 September 1965, an aircrew member was partially overcome from smoke inhalation during a flight when electrical fumes and smoke were ingested into the circulatory system. In-flight first aid was administered and the aircraft lands at Langley AFB where the Base Flight Surgeon released the airman as fit for duty, and submitted a formal physiological submitted.

Incident No. 2: On 8 September 1965, during a mission support flight, an assigned C-47 feathered one of its two engines and made a successful emergency landing at Kenned International Airport. A formal AF Form 711 USAF Accident/Incident Report was submitted.

(U) Precautionary Landings and Tire Failures. During this reporting period there were 40 precautionary landings. Of this number, 26 involved engine shutdowns; 8 were for internal failures; 2 were for primary control problems; 1 was for a physiological reason, and 1 was for tire failure on take-off. The remainder were generated by cylinder failure, shorted ignition system, fire warning and hydraulic system failures. There were a total of 21 landing gear tires condemned for cuts and abrasions.

(U) Operational Hazard Reports. There were a total of 31 Operational Hazard Reports received and processed by the Wing Safety Office. 24 OHR's have been returned with completed action; 7 OHR's are still pending action.

(U) Ground Safety. During the first quarter of FY 66, 9 privately-owned motor vehicle accidents, 3 industrial accidents, and 1 off-duty employment accident were reported to DIG/Safety Headquarters, USAF. These accidents accounted for 1 military fatality, 11 military disabling injuries, 1 civilian disabling injury, and \$300 in USAF property damage. The overall evaluation of reportable ground accidents amounted to \$51,416.00.

During the period, two courses in Basic Driver Education were conducted, with an enrollment of 80 students. One compulsory Driver Improvement Course was conducted for 16 airmen. 17 New Arrival Safety Briefings were given to a total of 402 participants. By the end of the quarter, 98% of the privately owned vehicles registered on base by Wing personnel, both military and civilian, had seat belts installed in the front seats.

(U) Safety Surveys. 4 written surveys were conducted, as well as 5 safety surveys of hazardous traffic and storage areas on Otis.

#### IX. CONSOLIDATED BASE PERSONNEL.

(U) Assignments. Personnel reassigned overseas, not including Southeast Asia, totaled 323. 146 persons were reassigned to Southeast Asia. CONUS assignments numbered 50. Three officers and 27 airmen volunteered for special duty; ten officers and 225 airmen volunteered for overseas, and four officers submitted volunteer statements for COIN.

(U) Separations. Separations during the quarter were as follows: Officer retirements: 10; Airman retirements: 64; Miscellaneous discharges under AFR 39-11 through 39-14: 23; Medical discharges (AFR 35-4): 4. A total of 25 officers and 224 airmen were separated during the period.

(U) Reenlistment. First-term reenlistments totaled 27; career reenlistments, 109, for an overall rate of 51%.



(U) Reserve Personnel. Assigned Reserve Strength totaled 179 (66 officers and 113 airmen) at the opening of the quarter, and 166 (65 Officers and 101 airmen) at its close.

(U) Data Control Section. Collection of data for the Interim Personnel Data System was started 1 July 1965. The system was fully implemented 25 August 1965. During this period, the responsibility for Retirements and Reenlistments was transferred from the Data Control Section to the Career Control Section.

#### X. CIVIL ENGINEERING.

(U) Engineering Branch. Projects totaling \$322,750.00 in non-appropriated funds were forwarded to the Procurement Division for contractual award during this quarter. An item for modernization of WAF Dormitories was submitted to 26th Air Division for insertion in the FY70 Military Construction Program.

(U) Fire Protection Branch. The Base Fire Department responded to five building, nine brush, and five automotive fires during this period.

(U) Preventive Maintenance. During this quarter, 14 structural packages and maintenance of 26 shelters was accomplished. All maintenance and repair of support areas other than heating plant and electrical power system was accomplished.

#### XI. ACCOUNTING AND FINANCE

(U) Budget. The Special Revision to the FY 66 O & M Financial Plan for Projects 458, 472, and 720 was prepared and forwarded to

26th Air Division for review on 14 July. The first revision to the FY 66 Financial Plan for Projects 458, 472, and 720 was prepared and hand carried to 26th Air Division for approval on 27 September.

(U) Data Processing. The Wing's reporting record, with the exception of daily and "as required" reports, to 26th Air Division for the period 1 July through 30 September was as follows:

<u>Month</u>	<u>Number of Reports Submitted</u>	<u>Number of Late Reports</u>
Jul 65	236	7
Aug 65	151	0
Sep 65	151	0

The Burroughs B263 computer was installed 1 July 1965 and accepted 30 July 1965. The average utilization for the first three months was 107 hours.

(U) Accounting. The results of a General Accounting Office Audit of the civilian payroll area were received on 2 Sep 65. With the exception of four minor deficiencies, the auditors stated that the civilian payroll administrative procedures and internal controls were satisfactory.

(U) Materiel Section. Personnel from the Materiel Section attended school during September to prepare for the UNIVAC 1050 II conversion.

## XII. BASE CHAPEL SECTION

(U) Key Personnel. Catholic Chaplain (Capt) Thomas McManus was reassigned to 7368 Combat Support Group (USAFE). Chaplain, Captain, Dale F. Stewart was assigned to the 551st Combat Support Group during this quarter for service in the Protestant Branch of the Base Chapel Section.

## XIII. BASE PROCUREMENT OFFICE

(U) Actions. A total of 12,459 Purchase Requests were received and processed by the Base Procurement Office this reporting period. Line items purchased totaled 13,064 and 2,555 actions were processed. Total monies spent amounted to \$2,355,610.00 for the three month period.

(U) During this quarter, Contract Maintenance became a part of the Base Procurement Office.

## XIV. SUPPLY

(U) Key Personnel. Permission was requested and received from ADC to designate Major Borland, Management and Procedures Officer, Captain Williams, Supplies Management Officer, and Captain Voelker, Equipment Management Officer.

(U) Host Tenant Support Agreements. The Host Tenant Support Agreement with 60FIS was processed to completion on 29 September 1965. Agreement with 26 ADMS was forwarded to BOADS for approval on 20 September 1965.

(U) Reports of Survey. Fifty-two Reports of Survey were received and processed during this reporting period. Forty-one have been completely processed and received final approval. The monetary value of the reports processed during this period was approximately \$19,500.00. This high monetary figure is mainly accounted for by the final approval of Report of Survey by HQ ADC, which had a value of \$16,000.00.

(U) Management and Procedures. A new 1050-II computer system for use in the Property Accounting Division was moved into place in the new computer area, and installed by UNIVAC personnel from Washington, D. C., Boston, and our on-site engineer. In preparation for the conversion, all items stocked in all supply points were researched to determine the correct master and interchangeable items.

Classes for Base Supply Personnel and organization personnel on the Standard Base Level Supply System was completed during the period. Pre-conversion procedures were written and distributed to all concerned. Most sections have now been relocated to the organization structure under the Standard Base Level Supply System.

(U) Base Fuels. Major E. E. Williams Jr., was relieved as Base Fuels Supply Officer and replaced by 2d Lt Joseph A. Tola. The multi-product aviation fuels (115/145 - JP - 4) pipeline was installed and 115/145 Avgas receiving has been initiated from

contractor's storage facility in Sandwich, Massachusetts. The Fuel storage tank dike project has been completed. Preparatory steps to effect conversion from manual to automated accounting of aviation division stock fund fuel items have been taken.

#### XV. MAINTENANCE

(U) Contract Maintenance. During this period, the Contract Maintenance activity was transferred from 551 MDC to the Procurement Division (551 BPD).

(U) Quality Control. A total of 51 Unsatisfactory Reports were submitted during the quarter. UR's concerned Quality Control deficiency reports on APS-95 blower motor failures, magnetrons, jet engine turbine rotor failures, CSD failures, C-121 engine discrepancies, cabin supercharger control disconnect shafts shearing, and J-8 altitude indicators. Emergency UR's were submitted on C-121 engines with loose front case nuts, life preservers, CSD failures, PRT failures, Vard gear box failures, and fuel injection line failures. Exhibits for several of the above UR's were forwarded to the depots concerned for investigation.

(U) Aircraft Phase Inspections. Ninety-eight aircraft phase inspections were accomplished. Twenty-two aircraft incommission spot checks, twenty-eight engine changes and forty-three engine build-up inspections were completed.

(U) Staff Electronics. The following problem areas were investigated during the reporting period: Inadequate repair contract coverage for FY 65 with LASNY and MAAMA; Failure of and spares for pulse transformer in the APS-103; IRS AGE down time and rotatable spares; Test equipment for support of Hazeltine's validation of AN/APS-95 AGE; TCTO backlog and request for area assistance.

Personnel changes include Major Frank I Endres, deceased, and Captain Nathaniel Holloway assigned as his replacement.

(U) Workload Control. The Maintenance Complex is presently faced with a TCTO backlog in excess of 12,000 manhours; however, contracts have been approved to accomplish all major items.

(U) Maintenance Supply Liason. The number of cannibalizations has increased over the past three months. The Not Operationally Ready Supply (NORS) rate for this period was approximately 11%. The control and documentation of Due In From Maintenance (DIFM) assets continues to be a problem. An inventory of all DIFM's assets was accomplished in September by Base Supply and RPC personnel.

## XVI. STAFF JUDGE ADVOCATE

(U) Actions. During the period 1 July 1965 through 30 September 1965, the docket of cases reflected the following: 3 Special Courts-Martial, 4 Summary Courts-Martial, and 63 Article 15's. A total of 12 administrative board proceedings, 20 contracts, 10 Line of Duty Determinations, and 4 Reports of Survey were reviewed for legal sufficiency. 650 military personnel and their dependents received legal assistance during the quarter.

## XVII. SECURITY AND LAW ENFORCEMENT

(U) Relocation. The Central Security Control facility was relocated to a more centralized location to comply with AFM 207-1.

(U) Sentry Dogs. The Sentry Dog Section has been reduced from 22 dogs to 15. One dog and handler are TDY to Southeast Asia.

## XVIII. BASE SERVICES DIVISION

(U) Housing and Billeting. During this quarter the Billeting Office was repainted and new drapes were ordered. New carpeting was purchased for the office and hallways. TSGT Alice Walters was assigned as NCOIC on 7 September 1965.

(U) Base Exchange. Mr. R. E. Houtenville, Civilian Exchange Officer, has been transferred to Thule, Greenland. The new Exchange Officer is Mr. W. A. Barnes, from Kindley Air Force Base, Bermuda. Mr. Lemar Pipkins, Asst. Cafeteria Mgr.,

resigned his position and has been replaced by Cafeteria Mgr., Mr. Theodore Economides. The BX employed fourteen college students during the summer months, enabling them to earn sufficient funds to assist them with their educational programs. The contractor has been selected and final paper work is nearing completion for construction of an addition to the Sports Store.

(U) Commissary. The Commissary Meat Cutting Plant was moved from Building 5203 to larger and improved facilities in Building 3451.

(U) Clothing Sales Store. The Otis Clothing Sales Store was selected first place winner for the 26th Air Division Clothing Sales Award. This is the second consecutive year that the Otis facility has placed first in the division wide competition.

(U) Redistribution and Marketing. \$920.65 was made by retail sale of Government surplus property during the quarter.



4. (U) Monthly Average Possession:

<u>EC-121H</u>	<u>TC-121H</u>	<u>C-47</u>	<u>U3A</u>
26.2	3	1	1

5. (C) Flying Time by Squadrons:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>Total</u>
AAD	701	795	737	X	2233
Other	408	348	358	9	1123
TOTAL	1109	1143	1095	9	3356

6. (C) Station Time:

<u>Station</u>	<u>Auto/Man Provided</u>
2	445:53/13:15
4	461:16/13:42
6	258:08/ 9:02
8	74:36/26:01
TOTAL	1239:53/62:00
TOTAL	1301:53

A. HRI Outage	299:25
B. Comm Outage	5:08
C. APS-95 Outage	14:17
D. AGDL Outage	5:45
E. TDDL Outage	147:32
F. SIF Outage	56:14

7. (U) EC-121H Possession:	Hours Possessed:	18891
	Ops Ready	11593
	Norm	4689
	NORS	2609
		<hr/> 18891

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MISSION ANALYSIS REPORT NR 65-9

SEPTEMBER 65

(C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2400	2233	- 167	93
Training	540	508	- 32	94
Transition-Diversion	2	24	+ 24	100
Special		79	+ 79	100
Support	222	229	+ 7	103
Test/Ferry	30	9	- 21	30
LRN	120	274	+ 154	228
TOTAL	3312	3356	+ 44	101

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U3A</u>
3151	205	3356	21	52

3. Sorties Flown:

	<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>
AAD	215	-	215
Transition Diversion	2	3	5
Transition	112	11	123
Special	4	5	9
Support	13	13	26
Test/Ferry	9	1	10
LRN	12	-	12
TOTAL	367	33	400

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a. HRI Outage	338:36
b. Comm Outage	8:09
c. AFS-95 Outage	58:24
d. AGDL Outage	5:29
e. TDDL Outage	150:58
f. SIF Outage	27:36

7. (U) EC-121H Possession Hours:

Hours Possessed	20568
Ops Ready	12453
NORM	5790
NORS	2325

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	<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>
Support	6	17	23
Test/Ferry	12	3	15
LRN	8	X	8
Total	370	45	415

4. (U) Monthly Average Possession:

<u>EC-121H</u>	<u>TC-121H</u>	<u>C-47</u>	<u>U-3A</u>
28	3	1.2	1

5. (C) Flying Time by Squadrons:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>Total</u>
AAD	711.0	788.6	787.0	X	2286.6
Other	318.0	414.4	289.0	27.0	1048.4
Total	1029.0	1203.0	1076.0	27.0	3335.0

6. (C) Station time:

<u>Station</u>	<u>Auto/Man Provided</u>
2	438:50/12:01
4	477:36/3:35
6	223:23/14:17
8	105:08/20:31
Total	1244:57/50:24
Total	1295:21

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MISSION ANALYSIS REPORT NR 65-8

AUGUST 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2356	2262.0	- 94.5	96
Training	730	534.2	- 195.3	73
Transition-Diversion	-	23.3	+ 23.3	100
Special	-	103.8	+ 103.8	100
Support	230	193.9	- 36.1	84
Test/Ferry	30	16.7	- 13.3	57
LRN	96	201.2	+ 105.2	209
Total	3442	3335.0	- 107.0	97

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U-3A</u>
3054	281	3335.	40	20

3. Sorties Flown:

	<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>
AAD	229	X	229
Transition-Diversion	4	1	5
Transition	105	20	125
Special	6	4	10

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	<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>
Special	11	4	15
Support	6	20	26
Test/Ferry	14/0	3/0	17
LRN	3	1	4
Total	378	30	408

4. (C) Monthly Average Possession:-

<u>EC-121H</u>	<u>TC-121H</u>	<u>C-47</u>	<u>U3A</u>
28.5	3	2	1

5. (C) Flying Time by Squadrons:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>Total</u>
AAD	712.8	699.7	714.5	X	2127
Other	366.9	266.0	270.0	31.1	934
Total	1079.7	965.7	984.5	31.1	3061.0

6. (C) Station Time:

<u>STATION</u>	<u>TIME ON STATION</u> <u>AUTO/MANUAL</u>	<u>OPERATIONAL</u> <u>AUTO/MANUAL</u>
2	442:46/2:45	438:01/2:45
4	401:32/24:11	392:20/24:11
6	243:29/9:38	240:14/9:28
8	72:08/16:41	72:08/16:41
Total	1159:55/53:05	1142:43/53:05
Total	1213:0	1195:48

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- a. HRI outage: 278:07
- b. Comm outage: 17:12
- c. 95 outage: X
- d. AGDL outage: 9:45
- e. TDDL outage: 89:50
- f. SIF outage: 65:54.

7. (U) EC-121H Possession (Hours):

Hours possessed: 21192

Ops Ready: 13919

NORM: 5618

NORS: 1655

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MISSION ANALYSIS REPORT NR 65-7

JULY 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2480	2127	- 353	
Training	624	488.9	- 135.1	
Transition-Diversion	-	9.5	+ 9.5	100
Special	-	161.8	+ 161.8	100
Support	248	168.4	- 79.6	
Test/Ferry	30	20.4	- 9.6	
LRN	96	85.0	- 11	
Total	3478	3061.0	- 417	

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U3A</u>
2856	205	3061	89	34

3. Sorties Flown:

	<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>
AAD	223		223
Transition Diversion	3	X	3
Transition	118	2	120

DOWNGRADED AT 3 YEAR INTER-  
VALS; DECLASSIFIED AFTER  
12 YEARS.  
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*1*



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AREA CODE 617  
TEL:  
968-4151

HEADQUARTERS  
551ST AIRBORNE EARLY WARNING AND CONTROL WING (ADC)  
UNITED STATES AIR FORCE  
OTIS AIR FORCE BASE, MASSACHUSETTS, 02542

REPLY TO  
ATTN OF: 551C10

4 AUG 1965

SUBJECT: Historical Record, RCS: AU-D5

TO: 26 Air Div (26C10-H)

1. Attached is the wing History for the organization covering the period 1 April - 30 June 1965.
2. When attachments are removed, this letter will be downgraded to unclassified.

FOR THE COMMANDER

*Richard A. Barros*  
RICHARD A. BARROS  
Captain, USAF  
Chief, Information Division

1 Atch  
(C) Wing History (4 cys)

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

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This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Section 793 and 794. Its transmission or the revelation of its contents in any manner to unauthorized persons is prohibited by law.

RETAIN OR DESTROY IN ACCORDANCE WITH AFR 205-1

This history is classified CONFIDENTIAL in accordance with the highest classification of the source materials used in its preparation. Appendix A contains classified materials. Chapters I through XV used no classified material in their preparation and are, therefore, UNCLASSIFIED.

Downgraded at 3-year intervals  
Declassified after 12 years  
DOD DIR 5200.10

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- Mission Analysis Report No. 65-4
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RCS: AU-D5

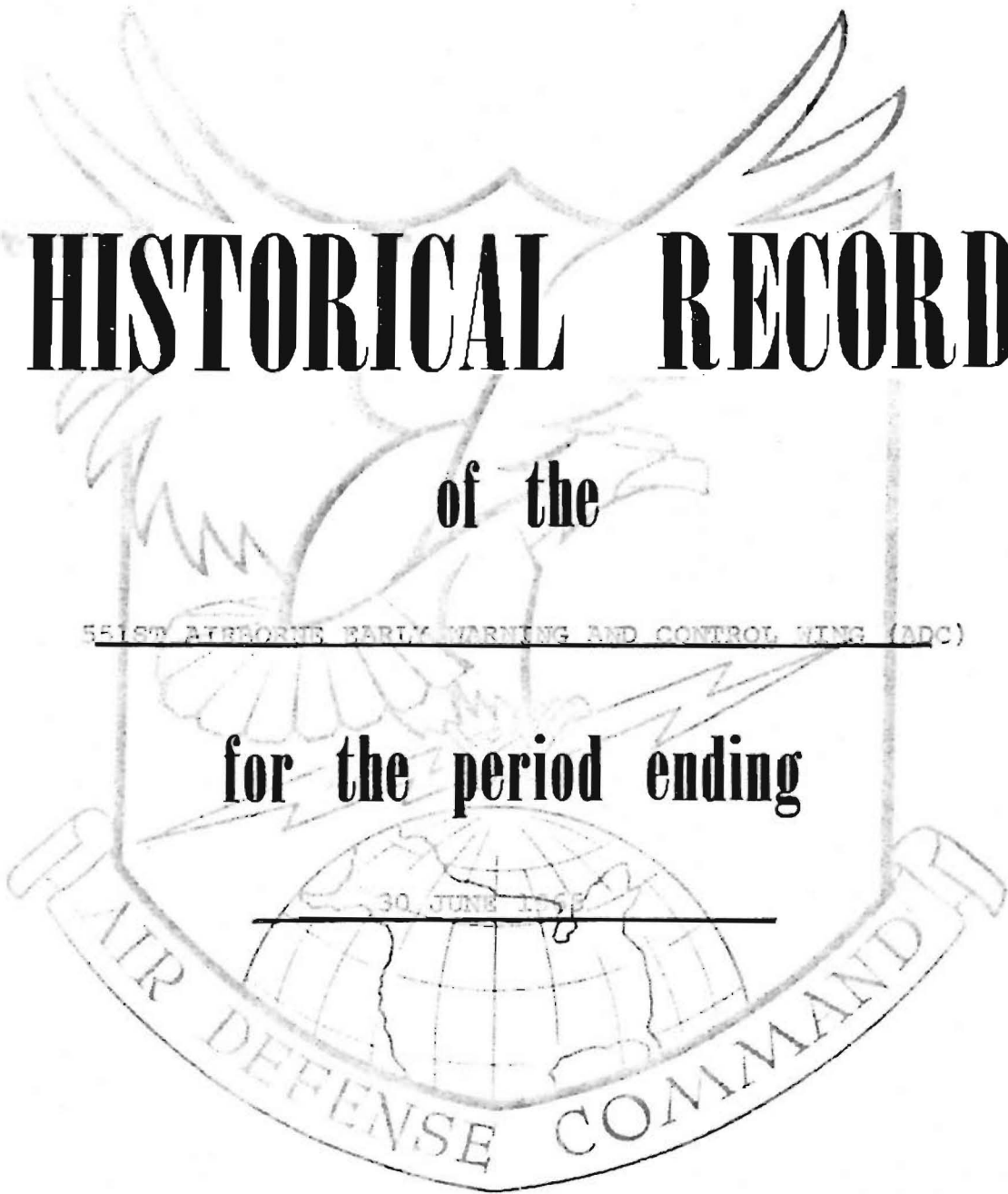
# HISTORICAL RECORD

of the

~~FIRST AIRBORNE EARLY WARNING AND CONTROL WING (ADC)~~

for the period ending

~~30 JUNE 1958~~



6-22-58

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## Section I.

## REQUIRED DATA

## 1. UNIT AND LOCATION

551st Airborne Early Warning and  
Control Wing, Otis AFB, Mass

## 2. NAME AND GRADE OF COMMANDER

RAYMOND K. GALLAGHER  
Colonel, USAF

## 3. CHAIN OF COMMAND (Superior Echelons)

United States Air Force  
Air Defense Command  
26th Air Division

For Operational Control:

North American Air Defense Command  
Continental Air Defense Command  
26th NORAD/CONAD Region

## 4. SUBORDINATE UNITS (Down to and including squadrons)

960th AEW Con Squadron	551st USAF Hospital
961st AEW Con Squadron	551st Supply Squadron
962nd AEW Con Squadron	551st WAF Squadron
551st Combat Support Group	
551st Headquarters Squadron	
551st Air Police Squadron	
551st Electronics Maintenance Squadron	
551st Field Maintenance Squadron	
551st Organizational Maintenance Squadron	
551st Civil Engineering Squadron	
551st Transportation Squadron	

## 5. MISSION (Give authority and brief statement of primary mission)

The 551st AEW Con Wing mission was delegated by Major General Arthur C. Agan Jr., commanding the 26th Air Division, in Hq 26th AD Regulation 23-6, dated 12 Jan 64.

The mission of the Wing is to equip, train, operate and administer AEW & Con forces and place these forces in a maximum state of readiness under the operational command/control of commanders designated by competent authority.

## 6. PERSONNEL

	OFFICERS	AIRMEN	CIVILIANS	TOTAL
ASSIGNED	454	3,352	561	4,367
Authorized ATTACHED	406	3,471	554	4,431

## 7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)

EC-121Bs	-	29
TC-121Bs	-	3
C-47s	-	2
U3A	-	1
Total		35



I. MISSION AND ORGANIZATION

(U) Mission. See Section I, paragraph 5.

(U) Organization. See Section I, paragraph 4.

II. OPERATIONS AND TRAINING

(U) Flying Activities. See Appendix A.

(U) Intelligence Reporting. During this quarterly period, one CIRVIS report was submitted as required by JANAP 146(D) on a concentration of 80 trawlers. The observation was made by an EC-121H aircraft on station off the coast of Cape Cod, Mass.

(U) Air Defense Exercises. Exercises in which Intelligence participated with the Battle Staff were: Cree Opal I, 6-7 May and Apache Union III, 10-11 June.

III. STANDARDIZATION/EVALUATION DIVISION

Projects: Personnel augmented the 28th Air Division Tactical Evaluation of 552 ABW&Con wing on 13 - 17 April 65.

Changes were forwarded and incorporated into the new ADCM 60-121 which replaces ADCM 60-2.

IV. WING OPERATIONS CENTER

(U) Personnel Changes: Major Jess W. Crowder, Chief, Wing Operations Center, was promoted to Lieutenant Colonel, effective 15 April 65. Capt Joe Whitmore, asst Chief, WOC, departed on 17 June for assignment to Headquarters ADC.

(U) ROC Communications Facilities: A direct line to the 26th Senior Director for expeditious coordination during periods of increased readiness has been installed, as well as UHF Communications set with transmit and receive capability for the Battle Commander and/or the Duty Officer.

V. BASE OPERATIONS AND TRAINING

(U) Personnel Changes: Lt Col Earl E. Putman, Chief, Base Operations and Training Division, is on special duty assignment as AFROTC Commander. Lt Col Clarence Schaulberger has assumed responsibility as Chief, Base Operations and Training during Colonel Putman's absence.

(U) Exercises: Base-wide alerts were conducted on 5 May and 22 June 1965. Broken Arrow Exercises were conducted on 2, 19 April 65; 13, 14 and 15 May 1965. Command Post (CPX) conducted on 9-10 June 1965.

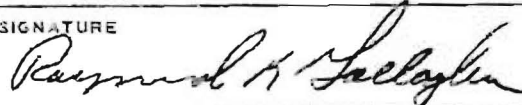
(U) Photo Lab Reconstruction: Work was started and is nearing completion on the refurbishing of the color processing and printing room. Upon completion of this construction and the programmed training of capable personnel, this will give the Base Photo Lab a color support capability.

(U) Base Operations: During this period, Base Operations Dispatch Section handled 3,171 flights including 756 transients and 173 V.I.P.'s (figures through 29 June 1965.)

(If additional space is required, continue on blank sheets, size 8x10", appropriately numbered, and attached securely hereto)

TYPED NAME AND GRADE OF COMMANDER  
RAYMOND K. GALLAGHER  
Colonel, USAF

SIGNATURE



(U) ANG Units: The 104 Tactical Fighter Group, Mass ANG, arrived for their annual two-weeks training. This unit consisted of 23 F-84F's, 3 T-33's and 1 C-47. They flew approximately 375 sorties.

The 104th Tactical Fighter Group, Mass ANG, replaced the 102nd on 26 June with 25 F-84F's, 4 T-33's, and 1 C-47. They plan to fly 400 to 500 sorties, weather permitting.

#### VI. FLYING SAFETY

(U) Aircraft Accidents: There were no major and/or minor aircraft accidents reported on aircraft assigned this wing during this reporting period. This extends our aircraft accident free period to 23 months. There was one reportable incident:

(U) Incident: On 21 May 1965, a TC-121C on a local transition flight lost a portion of a main landing gear door that resulted in no property and/or aircraft damage.

(U) Precautionary Landings and Tire Failures: During this reporting period there were 41 precautionary landings, of this number 36 involved engine shutdowns. Four of the engines shutdown had internal failures of various degrees. The remaining number of inflight shutdowns were generated by cylinder failures and propeller control problems. There were a total of 33 landing gear tires condemned for cuts and abrasions.

(U) Operational Hazard Reports: There were 17 operational hazard reports received/processed by the Wing Safety Office. Completed action on 11 has been accomplished and two additional reports have been closed out that were reported in previous reporting periods.

(U) Personnel Changes: Major Morgan G. Childs Jr. replaced Major Lunsford who left on a PCS to Panama as Wing Flying Safety Officer.

(U) Ground Safety: During the fourth quarter of FY 65, 5 privately owned vehicle accidents and no special purpose vehicle accidents were reported to DIG/Safety Hq USAF. These accidents accounted for one military fatality, 5 military disabling injuries and \$563.00 in USAF property damage. The overall valuation of reportable ground accidents amounted to \$42,491.00.

(U) Seat Belts: OAFB Supplement 2 to AFR 125 - 14 was published during the reporting period. This supplement precludes the issue of a permanent ADC Base Decal (after 1 Aug) unless seat belts are installed in the driver and front seat passenger positions of privately owned vehicles.

#### VII. CONSOLIDATED BASE PERSONNEL

(U) Assignments: Personnel reassigned overseas, (not including assignments to South Asia) totaled 203. Ninety-five persons were reassigned to Southeast Asia. Conus assignments numbered 21. Six officers and 13 airmen volunteered for overseas,

and six officers submitted volunteer statements for COIN. There were 47 applications for base of preference, 1 permissive reassignment, and 9 Humanitarian reassignments.

(U) Separations: Separations during this quarter are as follows: Officer retirements: 8; Officer application for early release from active duty: 9; Officer application for release from active duty upon completion of commitment: 4.

Airmen retirements for the quarter totalled 15. Other discharges included 5 under AFR - 39 - 11 (marriage); 3 under AFR 39 - 11 (pregnancy); 7 under AFR 39 - 16 (unsuitability); 7 under AFR 39 - 17 (unfit); 15 under AFR 39 - 13 (hardship), and 14 under AFR 39-14 (convenience of the government). There were five congressional inquiries during the period.

A total of 25 officers and 224 airmen were separated during the period.

(U) Promotions: There were 5 ROPA promotions, 21 temporary promotions; 4 REG AF promotions. A total of 188 airmen received promotions this quarter.

(U) Reenlistment: First-term reenlistments totaled 26; career reenlistments, 109 for an overall reenlistment rate of 51%.

(U) Reserve Affairs: Assigned Reserve Strength totaled 107 at the first of the quarter, and 49 at the close of this period.

#### VIII. CIVIL ENGINEERS

(U) Engineering Branch: Projects totaling \$475,611 in non-appropriated funds were forwarded to the Procurement Division for contractual award during this quarter. The final MCP Program for FY 67 through 71 was submitted to 26th Air Division.

The FY 65 O&M Program was completed in the amount of \$1,386,000 with obligation of total budget.

(U) Fire Protection Branch: The Base Fire Department responded to (1) building, eight (8) brush and two (2) automotive fires during this reporting period.

#### IX. STAFF JUDGE ADVOCATE

(U) Cases tried: During the period 1 April 1965 through 30 June 1965, the docket of cases reflected the following: 4 Special Courts Martial, 3 Summary Courts Martial, and 51 Articles 15.

(U) Administrative Proceedings: A total of 17 administrative board proceedings, 40 contracts, 3 reports of survey, 20 line of duty determinations were reviewed for legal sufficiency. Five hundred forty (540) military personnel and their dependents received legal assistance during the quarter.

#### X. BASE CHAPEL

(U) Enrollment and Attendance: The Protestant Sunday School enrollment remains at 650 with an average attendance of 450. In May, to improve control and space utilization, building

utilization was reduced from nine to 5 buildings.

(U) Personnel Changes: Chaplain (Major) William J. King departed on PCS from this station on 14 June. He is being reassigned to 4081 Cmbt Spt Gp, (SAC) APO New York 09864.

XI. BASE PROCUREMENT OFFICE

(U) Output for this period: A total of 2,324 purchase requests were received and processed by the Base Procurement Office this period. Line Items purchased totaled 11200, and 2555 actions were processed. Total money spent amounted to \$1,990,601.00.

XII. ACCOUNTING AND FINANCE

(U) Budget. The third revision to the FY 65 Financial Plan for Projects 458, 478 and 720 was prepared and hand carried to the 26th Air Div for approval on 9 Apr 1965.

During the fourth quarter the program limitation for P458 was 99.99% obligated.

(U) Data Processing: The wing's reporting record, with the exception of daily and 'as required' reports, to the 26th Air Div for the period 1 Apr through 30 Jun was as follows:

	<u>No. Reports Submitted</u>	<u>Number late repts</u>
Apr 65	203	5
May 65	147	0
June 65	<u>152</u>	<u>0</u>
Total	502	5

(U) Renovations: The building renovations for the Burroughs B263 computer (Bldg 3432) were completed and the site was formally accepted on 25 June 65. The Burroughs B263 Computer was delivered to Data Processing on 23 June and was ready for the 1 Jul 65 acceptance date of 30 June.

### XIII. CHIEF OF SUPPLY

(U) Host Tenant Interservice Support Agreements: Of the twenty tenant units supported, seventeen support agreements have been completed as of this reporting date. The remaining support agreements are in various stages of staffing and processing between the tenant unit, host base and higher headquarters.

(U) New Accounts: The bench stock account 216Q at North Truro was abolished and 3 new accounts were established using 762 Radar Sq organization account 55.

(U) Cost Reduction: BEMO Cost Reduction Monitor reported a Validated Saving of \$50,000.00 for FY 65, realized through the BEMO Equipment Utilization Survey Team.

(U) Base Fuels Supply: Construction of the access road between the bulk storage fuel farm and the SAC Ramp was completed. The fuel storage tank dike project is currently underway. Estimated completion date of project is 31 July 65.



(U) Problem Areas: Shortage of refueling units and tractors to support the mission without utilizing the AVGAS Hydrant System presents a problem. Therefore, we are utilizing the reduced number of refueling units and tractors to excess. This excess usage reduces the time preventive and shop maintenance may be performed on the equipment. With continued non-utilization of the AVGAS Hydrant system, we need an additional four or five 5,000 gallon refueling units assigned if there is to be the desired responsive refueling capability.

KIV. CHIEF OF MAINTENANCE

(U) Material Control: The number of cannibalizations has continued to decrease. The Not Operationally Ready Supply (NORS) rate for this period was about 3%.

The control of Due In From Maintenance (DIFM) assets continues to be a problem. Personnel working in the Repairable Processing Center (RPC) inventoried all DIFM assets in June 65 to update the DIFM cards.

The number of items in Awaiting Maintenance status has decreased; however, the number of items in Awaiting parts status has increased.

(U) Quality Control Division: During this period, thirty one unsatisfactory reports were submitted by this section. URs concern cracks on C-121 main wheels, separation of rear supercharger housings from front supercharger housings on C-121 engines, separation of a cylinder from a C-121 engine, F-101 aircraft with landing gear problems and several problems on electronic equipment. Exhibits for several of the above URs were forwarded to the depots concerned for investigation purposes.

(U) Aircraft Phase Inspections: Ninety-four (94) aircraft phase inspections were accomplished, twenty-four (24) aircraft engine installations, and thirty-five (35) engine build-ups were inspected.

Technical Order 10-121-749, dated 1 April 1965:  
subject: Replacement of nuts on elevator boost parallelogram linkage on all C-121 series aircraft was discovered to be in error, on the torque values for the dual self-locking nuts. Torque values listed in the subject technical order could have caused a serious flight safety hazard by binding of the elevator control systems. The irregularity was brought to the attention of SMANA resulting in the publishing of an Urgent Action Interim Supplement

T.O. 1C-121-749D, dated 23 June 1965, changing the torque values on all the nuts to be tightened snug.

(U) Standardization and Training Division:

(U) Engine Removals: Two engines were removed due to failure of Delron Nuts, supercharger rear housing to front housing attaching. Both SAAMA and Aerodex were contacted and stated that these nuts were definitely inferior to those previously used which were fibre self locking. Fleet inspection revealed 48 engines with these nuts installed. Problem is under investigation by SAAMA.

(U) OHR's Investigated: The following OHR's were investigated this period: Aircraft washing with fuel caps; Missing emergency wing flap hand crank; cabin pressurization; Fuel Selector valve turnbuckle safetying; Landing gear door hinge cracks; Hyd leak in forward baggage compartment; storing of loose flares in galley compartment; Starter trouble shooting technique.

(U) Staff Electronics: This office investigated the following problem areas during the reporting period. Progress is being made on all items listed: COC Modification of ALRI rotatable spares; Ground Power units for EC-121H

Aircraft; Insufficient delay lines for APS-95 Radar Set Control Maintenance problems included APS-103 Dummy Load, APS-103 reliability. The following projects were completed: APA-159 installation (LAS Field Team); COC Modifications.

#### XIV. SECURITY AND LAW ENFORCEMENT

(U) Consolidation of Buildings: The Squadron consolidated the Security and Law Enforcement operations to one building. This released three buildings for other uses, and well as providing closer coordination within the squadron.

(U) Future Plans: The moving of Central Security Control from its present location to a more suitable location in order to comply with AFM 207-1 is scheduled for the near future.

Arrangements have been made to decrease the number of K-9's assigned due to temperament or senility.

#### XV. BASE SERVICES DIVISION

(U) Redistribution and Marketing: Excess materials utilized by the Air Force this quarter totaled \$81,267.00, while \$71,046.00 was transferred to other Federal agencies. Donations to State, Boy Scouts, etc. totaled \$80,196.00, while \$133,347.00 was sold. The present inventory has a balance of \$1,849,944.00

(U) Commissary: The Commissary Officer, CWO Lionel S. Burrows, died from illness on 4 April 1965. Mr. Douglas A. Neil was appointed acting commissary officer.

(U) Evaluation: Otis AFB was rated third place in the division for the Annual Commissary Efficiency AWARD Evaluation.

(U) North Truro Commissary: The Commissary Store at North Truro AFS opened in permanent quarters on 17 May 65. Capt Carlos Bigles, Asst. Commissary Officer at North Truro AFS was relieved for PCS on 25 May. 1st Lt, Ernest D. Lorenzen was appointed as his replacement.

(U) Housing and Billeting: The Supply Section ordered \$94,644.60 worth of new furniture in June 1965 to furnish all the buildings operated by the Housing Services Section. A new counter was made for the bulleting section and put in place on 30 June. Nine new TV sets and stands were bought for the VIP Quarters during the month of June.

~~CONFIDENTIAL~~

MISSION ANALYSIS REPORT NR 65-4  
APRIL 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2520	2421.2	- 98.8	96%
TRAINING	624	475.9	- 148.1	76%
TRANS-DIVERSION	X	6.8	/ 6.8	100%
SPECIAL	X	48.5	/ 48.5	100%
SUPPORT	240	188.5	- 51.5	79%
TEST/FERRY	30	16.1	- 13.9	54%
LRN	96	132.0	/ 36.0	138%
TOTAL	3510	3289.0	- 221.0	94%

2. (U) Flying Time by Type of Aircraft:

	<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>	<u>C-47</u>
	3052	237	3289	73%

3. (U) Sorties Flown:

AAD	220	X	220
TRANS-DIVERSION	1	X	1
TRANSITION	119	2	121
SPECIAL	2	3	5
SUPPORT	X	20	20
TEST/FERRY	13/2	1/0	16
LRN	4	X	4
TOTAL	361	26	387

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4. (C) Monthly Average Possession:

EC-121H	TC-121C	C-47
26	3	2

5. (C) Flying Time by Squadron:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>
AAD	843.5	788.9	788.8	X
OTHER	284.0	232.0	286.2	15.6
TOTAL	1127.5	1070.9	1075.0	15.6

6. (C) Station Time:

<u>STATION</u>	<u>TIME ON STATION</u> <u>AUTO/MANUAL</u>	<u>OPERATIONAL</u> <u>AUTO/MANUAL</u>
2	552:50/25:05	547:17/25:05
4	507:08/20:06	503:38/20:06
6	234:40/2:01	233:49/2:01
8	147:52/9:21	137:32/9:21
TOTAL	1442:30/56:33	1422:16/56:33
TOTAL	1499:03	1478:49

A. Total HRI outage: 508:45

B. Total Comm outage: 1:25

C. Total APS-95 outage: 18:49

7. (U) EC-121H Possession (Hours):

Hours possessed:	18,816
Ops Ready:	13,814
NORM:	4,277
NORS:	725

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MISSION ANALYSIS REPORT NR. 65-5  
MAY 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2604	2425.9	-178.1	93%
TRAINING	624	433.2	-190.8	69
TRANS-DIVERSION	X	9.2	+ 9.2	100
SPECIAL	X	45.7	+ 45.7	100
SUPPORT	248	270.2	+ 22.2	100
TEST/FERRY	30	15.5	- 14.5	52
LRN	96	51.3	- 44.7	53
TOTAL	3402	3251	- 153.0	96

2. (U) Flying Time by type of aircraft.

	<u>EC-121H</u>	<u>TC-121H</u>	<u>Total</u>	<u>C-47</u>	<u>U-3A</u>
	2971	280	3251	72	14

3. (U) Sorties Flown:

AAD	229		229
TRANS-DIVERSION	X	1	1
TRANSITION	97	10	107
SPECIAL	8	1	9
SUPPORT	8	24	32
TEST/FERRY	8/2	2/0	10/2
LRN	2	X	2
TOTAL	354	38	392

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4. (C) Monthly Average Possession:

EC-121H	TC-121H	C-47	U-3A
27	3	2	1

5. (C) Flying Time by Squadron:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>
AAD	795.2	800.2	830.5	X
OTHER	236.4	310.2	263.0	15.5
TOTAL	1031.6	1110.4	1093.5	15.5

6. (C) Station Time.

<u>Station</u>	<u>Time on Station Auto/Manual</u>	<u>Operational Auto/Manual</u>
2	446:53/21:58	435:44/21:58
4	432:43/54:57	430:38/54:57
6	271:25/6:44	270:25/6:44
8	180:22/32:11	174:43/32:11
TOTAL	1331:23/115:50	1311:30/115:50
TOTAL	1447:13	1427:20
A. Total HRI Outage	681:03	
B. Total Comm Outage	4:49	
C. Total APS-95 Outage	15:04	
D. Total AGDL Outage	25:53	
E. Total TDDL Outage	118:17	
F. Total SIF Outage	77:39	

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7. (U) EC-121H Possession (Hours):

Hours Possessed: 19,800

Ops Ready: 15,197

Norm: 4,027

NORS: 579.

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MISSION ANALYSIS REPORT NR 65-6  
June 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2700	2231.1	- 468.9	83%
Training	624	473.8	- 150.2	76%
Transition-Diversion	-	4.7	+ 4.7	100%
Special	-	48.3	+ 48.3	100%
Support	240	180.8	- 59.2	75%
Test/Ferry	30	13.3	- 16.7	44%
LRN	96	220.8	+ 124.8	100%
TOTAL	3690	3172	- 518	86%

2. (U) Flying Time by Type of Aircraft:

<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>	<u>C-47</u>	<u>U3A</u>
3007	165	3172	33	28

3. Sorties Flown:

	<u>EC-121H</u>	<u>TC-121H</u>	<u>TOTAL</u>
AAD	228	X	228
Transition Diversion	1	1	2
Transition	109	9	118
Special	8	1	9
Support	9	15	25
Test/Ferry	10/1	2	13
LRN	9	0	9
TOTAL	375	29	404

4. (C) Monthly Average Possession:

<u>EC-121H</u>	<u>TC-121H</u>	<u>C-47</u>	<u>U3A</u>
29	3	2	1

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5. (C) Flying Time by Squadrons:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>TOTAL</u>
AAD	804.3	731.5	695.3	-	2231.1
Other	316.8	301.1	309.7	13.3	940.9
TOTAL	1121.1	1032.6	1005.0	13.3	3172

6. (C) Station Time:

<u>STATION</u>	<u>TIME ON STATION</u> <u>AUTO/MANUAL</u>	<u>OPERATIONAL</u> <u>AUTO/MANUAL</u>
2	394:59/15:36	377:03/15:36
4	446:20/60:09	435:45/60:09
6	254:32/16:48	251:28/16:48
8	94:24/16:27	92:33/16:27
TOTAL	1192:15/109:00	1156:49/109:00
TOTAL	1301:15	1265:49

- a. HRI outage: 340:43
- b. Comm outage: 23:11
- c. 95 Outage: 12:15
- d. AGDL outage: 20:20
- e. TDDL outage: 117:49
- f. SIF outage: 17:41

7. (U) EC-121H Possession (Hours):

Hours possessed: 20520  
Ops Ready: 14970  
NORM: 4404  
NORS: 1146

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- Mission Analysis Report No. 65-1
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- Mission Analysis Report No. 65-3

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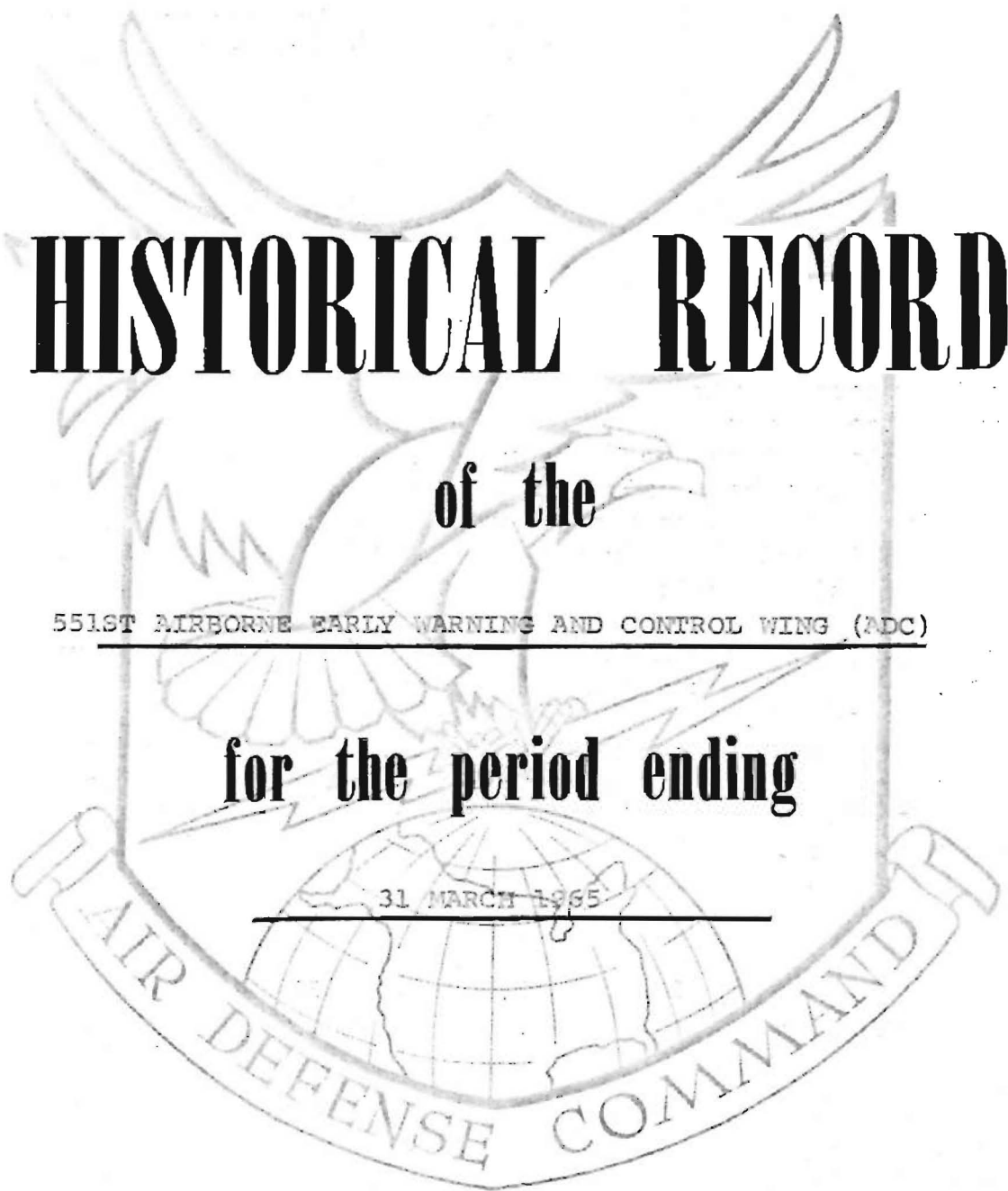
# HISTORICAL RECORD

of the

551ST AIRBORNE EARLY WARNING AND CONTROL WING (ADC)

for the period ending

31 MARCH 1965



SEARCHED INDEXED  
SERIALIZED FILED  
MAR 20 1965  
FBI - WASHINGTON

6-2385-14

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## Section I.

## REQUIRED DATA

## 1. UNIT AND LOCATION

551st Airborne Early Warning and  
Control Wing, Otis AFB, Mass.

## 2. NAME AND GRADE OF COMMANDER

RAYMOND K. GALLAGHER  
Colonel, USAF

## 3. CHAIN OF COMMAND (Superior Echelons)

United States Air Force  
Air Defense Command  
26th Air Division

For Operational Control:

North American Air Defense Command  
Continental Air Defense Command  
26th NORAD/CONAD Region

## 4. SUBORDINATE UNITS (Down to and including squadrons)

960th AEW Con Squadron	551st USAF Hospital
961st AEW Con Squadron	551st Supply Squadron
962nd AEW Con Squadron	551st WAF Squadron
551st Combat Support Group	
551st Headquarters Squadron	
551st Air Police Squadron	
551st Electronics Maintenance Squadron	
551st Field Maintenance Squadron	
551st Organizational Maintenance Squadron	
551st Civil Engineering Squadron	
551st Transportation Squadron	

## 5. MISSION (Give authority and brief statement of primary mission)

The 551st AEW & Con Wing mission was delegated by Major General Arthur C. Agan Jr., commanding the 26th Air Division, in Hq 26th AD Regulation 23-6, dated 12 Jan 64.

The mission of the Wing is to equip, train, operate and administer AEW & Con forces and place these forces in a maximum state of readiness under the operational command/control of commanders designated by competent authority.

## 6. PERSONNEL

	OFFICERS	AIRMEN	CIVILIANS	TOTAL
ASSIGNED	434	3,409	533	4,376
Authorized <del>ATTACHED</del>	404	3,499	537	4,440

## 7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)

EC-121Bs	-	24
TC-121Cs	-	3
C-47s	-	<u>2</u>
Total		29

Section II.

I. MISSION AND ORGANIZATION

(U) Mission. See Section I, paragraph 5.

(U) Organization. See Section I, paragraph 4.

II. OPERATIONS AND TRAINING

(C) Flying Activity. A total of 9,966 flying hours in performing the Wing mission and related functions were flown in EC-121H and TC-121C aircraft during the reporting period. Of this total, 9,078 hours were logged in the EC-121H's and 888 hours in the TC-121C's.

(U) Intelligence Reporting. During this quarter, only one submarine sighting report was submitted. The observation was made by an EC-121H aircraft on station.

(U) Air Defense Exercises. Exercises in which intelligence participated with the Battle Staff were: Apache Magic, 21 January; Wing Evaluation, 24 January; Apache Union I, 4 February; Desk Top VII Part II 15 February; Top Rung VII, 18 February; Apache Union II, 25 March.

III. STANDARDIZATION EVALUATION DIVISION

(U) Key Personnel. Capt Randolph K. Baer was assigned as the Stan/Eval Weapons Controller during February.

(U) Exercises. Personnel participated as evaluators in the ADC Tac Eval of 966th AEW Con Squadron, McCoy AFB, during 11-15 February, and in the 26th NORAD Region Tac Eval of the 551st AEW Con Wing during TOP RUNG VII on 18-19 February.

(U) Projects. Flight engineers assisted in formulating an engine test program for cylinder exhaust failures which is to be accomplished

at McClellan AFB.

(U) Special Flights. Brig Gen Bromiley, Deputy Commander for Materiel, ADC, was given an AAD orientation ride on Station 4 on 9 February.

Personnel participated in the flight check of the Separate SIF Detector modification to the AYQ-1 aboard aircraft #422 on 26 January.

#### IV. WING OPERATIONS CENTER

(U) Key Personnel. Major Jess W. Crowder assumed the duties of Chief, Wing Operations Center on 1 Mar 65. Major James Womack is slated to retire 30 April 65.

(U) Projects. A BOADS SAGE Model I "Scramble Circuit" monitor to the 60th FIS is located at the duty officers position. It will be utilized to monitor changes in simulated and actual DEFCONS and flush orders; however duty officer will still coordinate with 26th AD prior to implementing the necessary action.

#### V. OPERATIONS PLANS DIVISION

(U) Key personnel changes. Major Frank J. Burry, Jr., was attached to the Operations Plans Division on 11 January 1965. Action has been initiated through personnel channels to have Major Burry transferred from the 961st AEW Con Squadron for assignment as Chief of the Operations Plans Division.

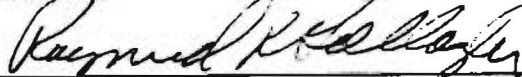
Major Harry M. Peyser, former chief of the operations plans division, retired 31 March 1965.

(U) Projects. The following OPS Plans were completed and forwarded

*(If additional space is required, continue on blank sheets, size 8x10 1/2, appropriately numbered, and attached securely hereto)*

TYPED NAME AND GRADE OF COMMANDER  
RAYMOND K. GALLAGHER  
Colonel, USAF

SIGNATURE



for distribution: 551OPLAN 1-65 "Big Stick"; 551OPLAN 2-65, Hurricane Evacuation Plan; 551OPLAN 4-65, Alert/Recall Plan.

VI. COMMUNICATIONS ELECTRONICS

(U) Registration Project. A special high gain IFF antenna (AS-177A) was obtained on a permanent basis from the U.S. Navy supply depot in Boston for the ALRI Target Registration Project. This antenna and an IFF/SIF Transponder (APX-25) were installed 4 Mar 65, at North Truro for a special 60 day test with BOADS.

(U) Consolidation of 762nd Radar Squadron. A recommendation has been submitted to the 26th Air Division to transfer the functions, personnel and equipment from Det 1, 762nd Radar Squadron to 551st Combat Support Group, Otis AFB, effective on or about 1 July 65 when the Navy Picket Vessels phase out. The transfer and consolidation of the SESS equipment at the receiver site will insure continuation of the Command and Control UHF/HF nets. In addition, certain equipment/frequency retention will provide a back-up reporting system for transmitting AZRA Target information from the ARP to SESS for relay to the DC Manual Inputs Section by Phone Patch or ground relay.

## VII. BASE OPERATIONS AND TRAINING DIVISION

(U) Key Personnel Gains. Lt Col Earl E. Putman was assigned as Chief, Base Operations and Training Division on 6 January 1965.

(U) Photo Lab. On 22 February 1965, the Base Photo Lab was assigned to the Division. The Photo Lab was combined with the Audio-Visual Center to form the Visual Services Branch.

(U) Renovations. The Cafeteria in Base Operations has been expanded to include what was previously the Crew Lounge. The Crew Lounge has been moved to the second floor.

(U) U.S. Army/TAC deployment. Operation "Tackdown", a joint U.S. Army/TAC deployment was conducted during the period 2 February through 6 February. This operation utilized 13 C-130 TAC aircraft to deploy 700 Army troops and 30 vehicles from Hanscom Field for a field exercise and re-deploy them back to Hanscom Field. On 2 February, 30 sorties were flown and on the morning of the 3rd, 16 sorties were flown deploying the troops to Otis AFB. On 3 February, 13 aircraft returned to Fort Bragg. On 5 February, 13 C-130's returned to Otis for the re-deployment. On

6 February, 46 sorties were flown, re-deploying the troops to Hanscom Field. Five returned to Fort Bragg from Otis on 6 February. The rest of the aircraft returned to Fort Bragg from Hanscom Field terminating the exercise.

(U) Disaster Control. The Disaster Control Section participated in two base-wide alerts on 6 January and 15 February 1965; three Broken Arrows on 5 January, 20 January and 16 February and three Command Post exercises on 21 January, 16 February and 25 - 26 March 1965.

The 1965 Otis AFB Disaster Control Plan 100-65 was distributed on 22 March 1965.

(U) Small Arms Matches. Otis AFB has been designated as host for the 26th Air Division Small Arms Matches scheduled for 29 April through 16 November 1965. The Center is in full preparation for this event, and a brochure has been prepared for the matches. Captain Davis C. Mitchell has been named Project Officer for the Matches.

#### VIII. WING SAFETY DIVISION

(U) Flying Safety. No aircraft or incidents occurred during this period.

(U) Precautionary Landings and Tire Failures. During this reporting period there were seventy (70) precautionary landings. Of this number, 43 involved engine shutdowns. 15 of the engine shutdowns were generated by cylinder



failures, shorted spark plugs, fire warnings, CSD disconnect failures, and propeller control problems. Twenty two (22) C-121 main landing gear tires were condemned for cuts.

(U) Ground Safety. During the third quarter of FY 65, three privately owned vehicle accidents, four government motor vehicle accidents and three special purpose vehicle accidents were reported to DIG/Safety Hq USAF. These accidents accounted for one military fatality, two military disabling injuries, and \$10,247.00 in USAF property damage. The overall valuation of reportable ground accidents amounted to \$50,703.00.

#### IX. CONSOLIDATED BASE PERSONNEL

(U) Manning. During this quarter, 185 airmen and 4 officers volunteered for overseas assignment; 110 airmen and 3 officers volunteered for duty in Southeast Asia, and 19 airmen and 4 officers applied for special duty. A total of 344 personnel were processed for overseas assignment; 60 personnel received CONUS reassignments. Seventy-five personnel processed for Southeast Asia reassignments, while 10 personnel went TDY to Southeast Asia.

(U) Control. Four Congressional inquiries required action during the period. Nineteen discharges were processed

for Hardship under AFR 39-19, and six for unsuitability under AFR 39-16; four for unfitness under AFR 39-17, and 14 for convenience of the government under AFR 39-14. One discharge under AFR 39-22, and two discharges under AFR 35-66 were processed.

Fifteen officers were separated from the service during the period, and 10 officers were retired. Airmen retirements totaled 36 for the quarter.

(U) Reenlistment. Overall reenlistment rates for the 3-month period were 59%; 28 first termers reenlisted; subsequent reenlistments totaled 125.

(U) Reserve Affairs. Reserve strength for the quarter was pegged at 97, with 45 officers and 51 airmen. This made for 136 man days of active duty training, and 207 days of inactive duty training.

#### X. CIVIL ENGINEERING.

(U) Engineering Branch. Projects totaling \$685,922.00 in non-appropriated funds were forwarded to the Procurement Division for contractual award during this quarter.

(U) The FY 66 Air Conditioning Program for Otis AFB, the FY66 O&M Program, and the item for the Composite Medical Facility have all been forwarded to 26th Air Division.

(U) Fire Protection Branch. The Base Fire department responded to seven automotive and seventeen building fires during the reporting period.

XI. STAFF JUDGE ADVOCATE

(U) Actions. During the period 1 January through 31 March 1965, the docket of cases reflected the following: 12 Special Courts Martial, 5 Summary Courts Martial, and 54 Articles 15. A total of 20 administrative board proceedings; 70 contracts; 8 reports of survey and 15 line of duty determinations were reviewed for legal sufficiency. 300 military personnel and their dependents received legal assistance during the quarter.

XII. BASE CHAPEL SECTION

(U) Key Personnel. Chaplain (Capt) David P. Jordan was assigned to the 551st Combat Support Group on February 12 for duty in the Protestant Branch of the Base Chapel Section.

(U) Attendance. Total attendance at Protestant Religious Services for 1000 and 1115 hour services in Chapel #1 for the quarter were 3,091; total attendance at Shaw Hall, 491. Six Sunday Masses were held each week during the quarter for a total attendance of 15,745. A total of 4,198 children attended Sunday School this quarter.

XIII. BASE PROCUREMENT OFFICE

(U) Actions. A total of 2,715 Purchase Requests were received and processed by the Base Procurement Office this reporting period. Line Items Purchased totaled \$11,200. Total monies spent totaled \$2,047.00 for the 3-month period.

XIV. ACCOUNTING AND FINANCE

(U) Budget. The second revision to the FY 65 Financial Plan for Project 562, Subsistence, was prepared and forwarded to the 26th Air Division. The FY 66 Financial Plans and the FY 67 Budget Estimates for Projects 458, 478, and 720 were prepared and hand carried to the 26th Air Division on 10 February. The FY 66 and 67 Financial Plans for Projects 562, Subsistence; and 750, Reserve Personnel; were prepared and forwarded to the 26th Air Division on 3 March 1965.

(U) Data Processing. The Wing's reporting record to the 26th Air Division for the period 1 Dec 64 through 28 Feb 65 was as follows: 489 reports submitted; 3 reports late.

The Data Processing Branch Supply Account Number 4619 was mechanized during the month of March 1965.

XV. MATERIEL

(U) Key Personnel. During the period 1 January - 31 March 1965, Colonel Kenneth D. Thompson was assigned as Deputy

Commander for Materiel for the 551st AEW Con Wing.

(U) Staff Electronics. The following problem areas were investigated during the reporting period. Progress is being made on all items listed:

a. Logistic Problems:

- (1) COC configuration of ALRI rotatable spares.
- (2) Ground power units for EC-121H aircraft.

b. Maintenance Problems.

- (1) APA-159 installation (LAS Field Team)
- (2) ECP 1-129R1 (Burroughs)
- (3) COC modified aircraft for flight test.

(U) Workload Control. Work has been started by a Maintenance team of contract personnel to comply with TCTO LC-121-724, Installation of Control Indicator Group AN/APA159. Sixteen aircraft will be modified on base and the rest will be accomplished at LASNY in conjunction with IRAN.

At the present, the EC-121H aircraft are undergoing an intensive program to modernize and standardize all installed electronic equipment.

(U) Maintenance Supply Liaison. The number of Cannibalizations has continued to increase. This is due partially to the COC modification of electronic equipment. The Not Operationally

(U) Standardization and Training Division. A problem was noted in excessive failure of NESAs window panels. Investigation revealed that failures were caused by possible inadvertant actuation of the NESAs switch while aircraft were on the ground. Also installation and removal techniques were studied and recommended procedures for both were forwarded to using activities and SMAMA. A guard was installed on the NESAs switch to prevent accidental actuation.

An extensive investigation was initiated in March, when a sudden increase of CSD shaft failures were experienced. To assist in the investigation, a technical representative and engineer were dispatched from the manufacturer. Although a definite cause for failure was not found, it was suspected that procedures may be a contributing factor; therefore, a 15 blade count on engine start was initiated. Since that time, further shaft failures have not occurred.

(U) Chief of Supply. A major change took place in the support agreement procedures upon receipt of the newly published AFM 67-5. A meeting was held in the Customs Building in Boston and the areas and degree of support were discussed and established by representatives of the First Coast Guard District and personnel from this base in reference

to the programmed move of the Coast Guard Helicopter Squadron from Salem, Mass., to Otis AFB. A new complex will be constructed by the Coast Guard at Otis, including, barracks, mess hall, hangar etc., prior to the actual move.

Sixty five reports of survey were received and processed during the reporting period. Monetary value of reports of survey received this period is approximately \$7,000.00.

Negotiations have taken place between the 19th Air Refueling Squadron (SAC) and the 551 AEW Con Wing on the subject of consolidation of support in the maintenance shop area, which has been directed by higher headquarters. This consolidation of maintenance shops is now in progress and should result in very significant savings of manpower, money and equipment due to the elimination of duplication of effort in many areas.

(U) Base Equipment Management. Research Section, BEMO, is experiencing difficulties with erroneous data being reflected in TA 001, Master Equipment Management Index (MEMI). The degree of errors reflected are so numerous in the basic TA 001 and changes thereto, that we dare not rely upon it to update our EAID records.

(U) Base Fuels Supply. Shortage of refueling units and tractors to support the mission without utilizing the AVgas Hydrant System. We are equipped based on complete utilization

of all permanently installed hydrant systems. Therefore, we are utilizing the reduced number of refueling units and tractors to excess. This excess usage reduces the time preventive and shop maintenance may be performed on the equipment. With continued non-utilization of the AVgas Hydrant System we need an additional four or five 5,000 gallon refueling units assigned if there is to be the desired responsive refueling capability.

XVI. SECURITY AND LAW ENFORCEMENT

(U) Security Operations Plan. A new Aerospace Security Operations Plan (207-1) was written and approved by the Installation Security Council. It is to be noted that new terminology in the Aerospace Security Program has been directed by Higher Headquarters and is presently in the possession of all security officers for the indoctrination of their personnel at Otis.

(U) Air Police Consolidation. The consolidation of the 19th Air Refueling Squadron Air Police is presently being staffed in accordance with AFR 11-4. At the present time, the Air Police Squadron is operating out of seven buildings. Plans are being formulated to consolidate all these activities under one roof.



XVII. BASE SERVICES DIVISION

(U) Housing and Billeting. The visiting Officers Quarters, building 2612 and 2414 were closed on 15 March. Building 5204 was redesignated from a BOQ to a VOQ. Forty-five officers were authorized to receive basic allowance for quarters and reside off base.

On 9 March 1965, the housing officer requested \$32,000 worth of new furniture to be installed in the BOQs, VOQs, Transient Airmans Quarters, and the Guest Houses. As of 31 March 1965, confirmation had not been received as to the approval of this request.

(U) Commissary. CWO Lionel S. Burrows, Commissary Officer, expired at Chelsea Naval Hospital on 4 April 1965 after being placed on the seriously ill list for extensive cancer of the pancreas. Acting Commissary Officer is Douglas A. Neil.

Plans for remodeling Bldg 45 at the North Truro AFS for a 'Breadwinner' Commissary Store have been completed. Expected date of occupancy is 20 April 65.

(U) Clothing Sales Store. During the month of January, the Clothing Sales Store was converted from a counter service store to a self service store. It has been determined that all National Guard orders must be placed one month prior to pick-up

eliminating the possibility of the local clothing sales store being unable to fill ANG requirements.

XVIII. INFORMATION DIVISION

(U) Community Relations. Ten years of fatality free flying with a total of 400,000 flying hours was celebrated at Otis AFB on 2 March 1964. At a formal dinner, Guests of Honor were Maj Gen Von R. Shores and Mr Vernon A. Johnson, Corporate Vice President, Eastern Division, Lockheed Corporation.

MISSION ANALYSIS REPORT NR. 65-1

JANUARY 1965

1. (C) Summary of Flying Activities:

	<u>Scheduled</u>	<u>Flown</u>	<u>Plus or Minus</u>	<u>Total</u>
AAD	2608	2427	-181	93%
Training	250	250	-	100%
Transition Diversion	150	26.1	-123.9	17%
Special	110	20.0	-90.0	18%
Mission Support	248	310.8	+62.8	125%
Test-Ferry	30	11.8	-18.2	39%
LRN	90	90.4	+0.4	100%
Total	3482	3137	<del>3450</del> -3450	90%

2. (U) Flying Time by Type of Aircraft:

	<u>EC-121<sup>H</sup></u>	<u>75 121<sup>C</sup></u> <u>EC-121<sup>H</sup></u>	<u>TOTAL</u>
	2846	291	3137

3. (U) Sorties Flown.

AAD	231	X	231
Transition	46	22	68
Test-Ferry	9/1	1/0	11
Special	6	2	8
Transition Diversion	5	X	5
LRN	3	1	4
Mission Support	18	15	33
Total	319	41	360

4. (C) Monthly Average Possession:

<u>EC-121D</u>	<u>EC-121H</u>	<u>TC-121C</u>	<u>C-47</u>
0	28	3	2

5. (C) Flying Time by Squadrons.

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>TEB</u>
AAD	799.0	822.6	805.4	X	X
Other	195.3	236.1	262.0	16.6	X
Total	994.3	1058.7	1067.4	16.6	X

6. (C) Station Time:

<u>Station</u>	<u>Time on Stn Auto/Manual</u>	<u>Operational Auto/Manual</u>
2	506:11/28:25	497:05/27:40
4	491:52/34:54	473:48/34:29
6	183:23/2:29	178:46/2:29
8	120:55/8:54	120:09/8:54
Total	1302:21/74:42	1269:48/73:32
Total	1377:03	1343:20

A. Total HRI Outage:

Auto/Man  
549:29/X

B. Total Comm Outage: 9:03

C. Total APS-95 Outage: Auto/Man

24:15/0:25

7. (U) EC-121H Possession (Hours):

Hours Possessed:	20736
Operational Ready:	13331
Norm	5996
NORS	1409

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MISSION ANALYSIS REPORT NR 65-2

FEBRUARY 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2352	2421.9	+ 69.9	100%
Training	576	355.5	- 220.5	62%
Transition Diversion	X	2.0	+ 2.0	100%
Special	X	16.3	+ 16.3	100%
Mission Support	224	265.4	+ 41.4	100%
Test/Ferry	33	4.8	- 28.2	15%
LRN	96	55.1	- 40.9	57%
TOTAL	3281	3121.0	- 160	95%

2. (U) Flying time by type of aircraft:

<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>	<u>C-47</u>
2868.0	253.0	3121.0	87

3. (U) Sorties flown:

	<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>
AAD	224	X	224
Transitions	74	10	84
Transition Diversions	2	X	2
Special	2	1	3
Mission Support	6	21	27
Test/Ferry	4/2	X	6
LRN	2	X	2
TOTAL	316	32	348

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4. (C) Monthly average possession:

<u>EC-121H</u>	<u>TC-121G</u>	<u>C-47</u>
27	3	2

5. (C) Flying time by squadron:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>TEB</u>
AAD	846.4	783.8	791.7	X	X
Other	183.9	243.7	256.7	14.8	X
TOTAL	1030.3	1027.5	1048.4	14.8	X

6. (C) Station time:

<u>STATION</u>	<u>TIME ON STATION AUTO/MANUAL</u>	<u>OPERATIONAL AUTO/MANUAL</u>
2	419:09/53:44	407:56/53:44
4	454:09/28:18	447:16/28:18
6	231:11/19:50	228:31/19:50
8	109:36/9:04	109:18/9:04
TOTAL	1214:05/110:56	1193:01/110:56
TOTAL	1325:01	1303:57

a. Total HRI outage: AUTO/MANUAL  
439:54/41:29

b. Total comm outage: 7:21

c. Total APS-95 outage: AUTO/MANUAL  
13:43/.X

7. (U) EC-121H possession (hours):

Hours possessed: 18192

Ops Ready: 12400

NORM: 5380

NORS: 412

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MISSION ANALYSIS REPORT NR 65-3

MARCH 1965

1. (C) Summary of Flying Activities:

	<u>SCHEDULED</u>	<u>FLOWN</u>	<u>PLUS/MINUS</u>	<u>PERCENT</u>
AAD	2930	2771.4	- 158.6	95%
TRAINING	837	470.2	- 366.8	56%
TRANS-DIVERSION	-	11.6	+ 11.6	100%
SPECIAL	-	36.9	+ 36.9	100%
SUPPORT	248	130.0	- 118.0	52%
TEST/FERRY	34	20.4	- 13.6	59%
LRN	96	67.5	- 28.5	70%
TOTAL	4145	3508.0	- 637.0	85%

2. (U) Flying Time by Type of Aircraft:

	<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>	<u>C-47</u>
	3364	144	3508	93

3. (U) Sorties Flown:

	<u>EC-121H</u>	<u>TC-121C</u>	<u>TOTAL</u>
AAD	238		238
Trans-Diversion	2	X	2
Transition	112	8	120
Special	X	1	1
Support	3	15	18
Test/Ferry	18/2	X	20
LRN	3	X	3
TOTAL	378	24	402

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4. (C) Monthly Average Possession:

<u>EC-121H</u>	<u>EC-121C</u>	<u>C-47</u>
24	3	2

5. (C) Flying Time by Squadron:

	<u>960</u>	<u>961</u>	<u>962</u>	<u>Maint</u>	<u>TEB</u>
AAD	911.5	971.7	888.2	x	x
Other	235.3	252.5	228.9	19.9	x
Total	1146.8	1224.2	1117.1	19.9	x

6. (C) Station Time:

<u>STATION</u>	<u>TIME ON STATION AUTO/MANUAL</u>	<u>OPERATIONAL AUTO/MANUAL</u>
2	546:47/31:22	540:41/31:22
4	574:08/23:55	562:01/23:55
6	220:43/8:35	210:23/7:35
8	113:53/5:00	112:53/5:00
Total	1455:31/68:52	1425:58/67:52
Total	1524:23	1493:50

A. Total IRI outage: AUTO/MANUAL  
585:46/1:35

B. Total comm outage: 8:36

C. Total APS-95 outage: AUTO/MAN  
29:57/1:00

7. (G) EC-121H Possession (Hours):

Hours possessed: 13012  
 Ops Ready 12432  
 TBM 3674  
 MS 30