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CATALOGUE

RETURN TO RESEARCH STUDIES INSTITUTE U.S.A.F. HISTORICAL DIVISION ARCHIVES BRANCH	K-DIV-313-HI Mar-Apr 1955 (Det. 1)
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HISTORY OF DETACHMENT NUMBER ONE 313th AIR DIVISION

MICROFILMED

MARCH & APRIL 1955

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OIS NO. 418 1155

RSI
S13129

1755-5

copy 1 of 2 Rec'd

Reg # 47247

2-6642-434

History, Detachment #1,
313th Air Division

SUBJECT NAME
FROM
313th Air Division

SUSPENSE DATE
DATE

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NUMBER
TYPE
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SUMMARY

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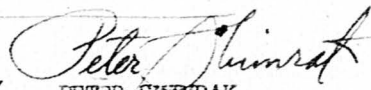
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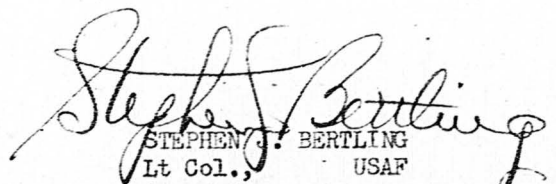
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HISTORY
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DETACHMENT NUMBER ONE
313TH AIR DIVISION
FOR
MARCH AND APRIL 1955

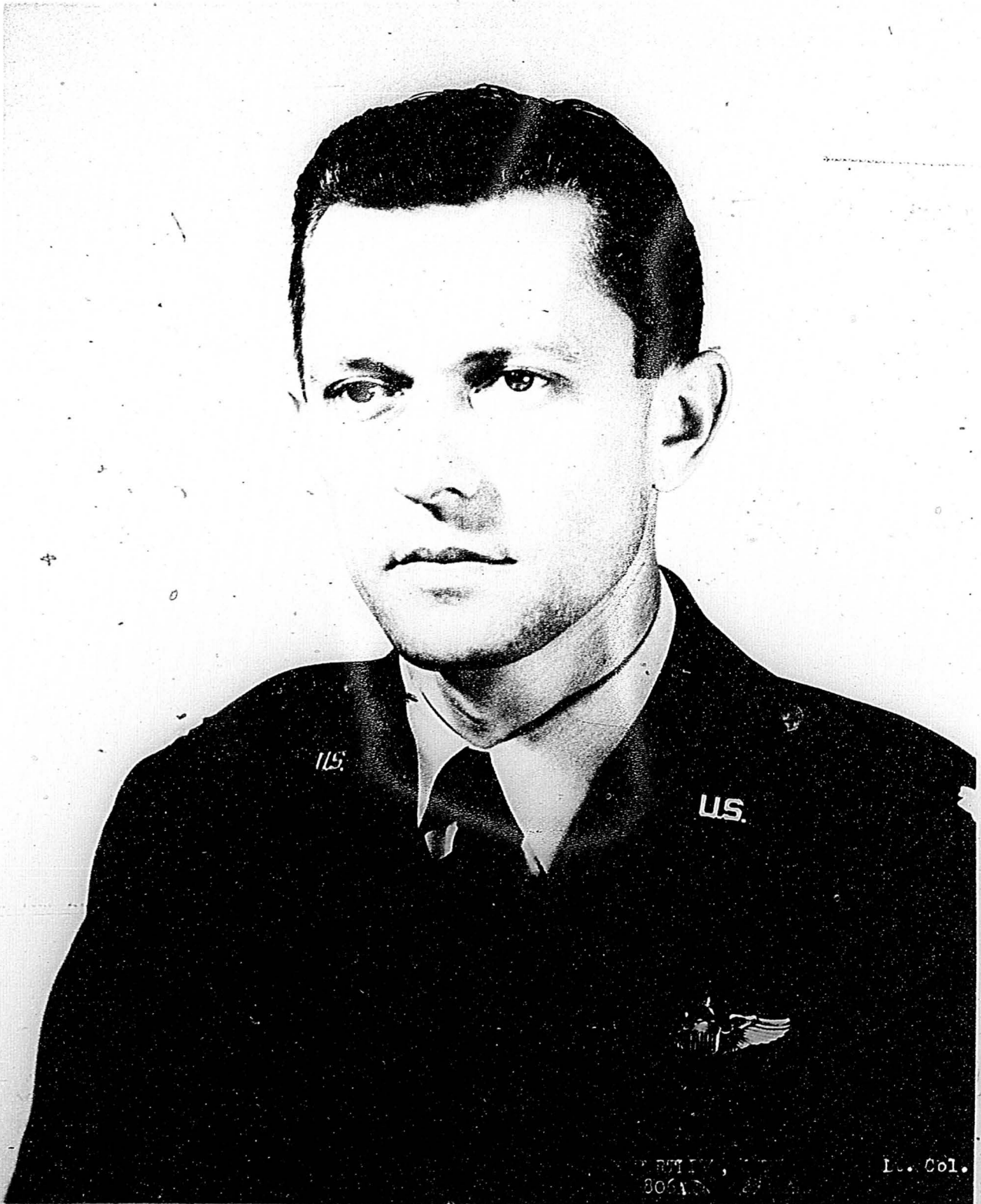
Prepared for the Historical Office, Headquarters
313th Air Division, by 2nd Lt Peter Shimrak
20 May 1955

313th Air Division, Fifth Air Force
Far East Air Forces


PETER SHIMRAK
2nd Lt., USAF
Unit Historian


STEPHEN J. BERTLING
Lt Col., USAF
Commander

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SECRET

CONTENTS

FORWARD

I	ORGANIZATION.	1
II	MISSION.	2
III	PERSONNEL.	3
IV	OPERATIONS.	4
	Tests.	5
	Problems.	6
	Developments.	7
V	AIR DEFENSE CONTROL CENTER.	9
VI	SUPPLY.	10
	APPENDIX.	11

1. Summary of all routine Air Defense Activities for March through April 1955.

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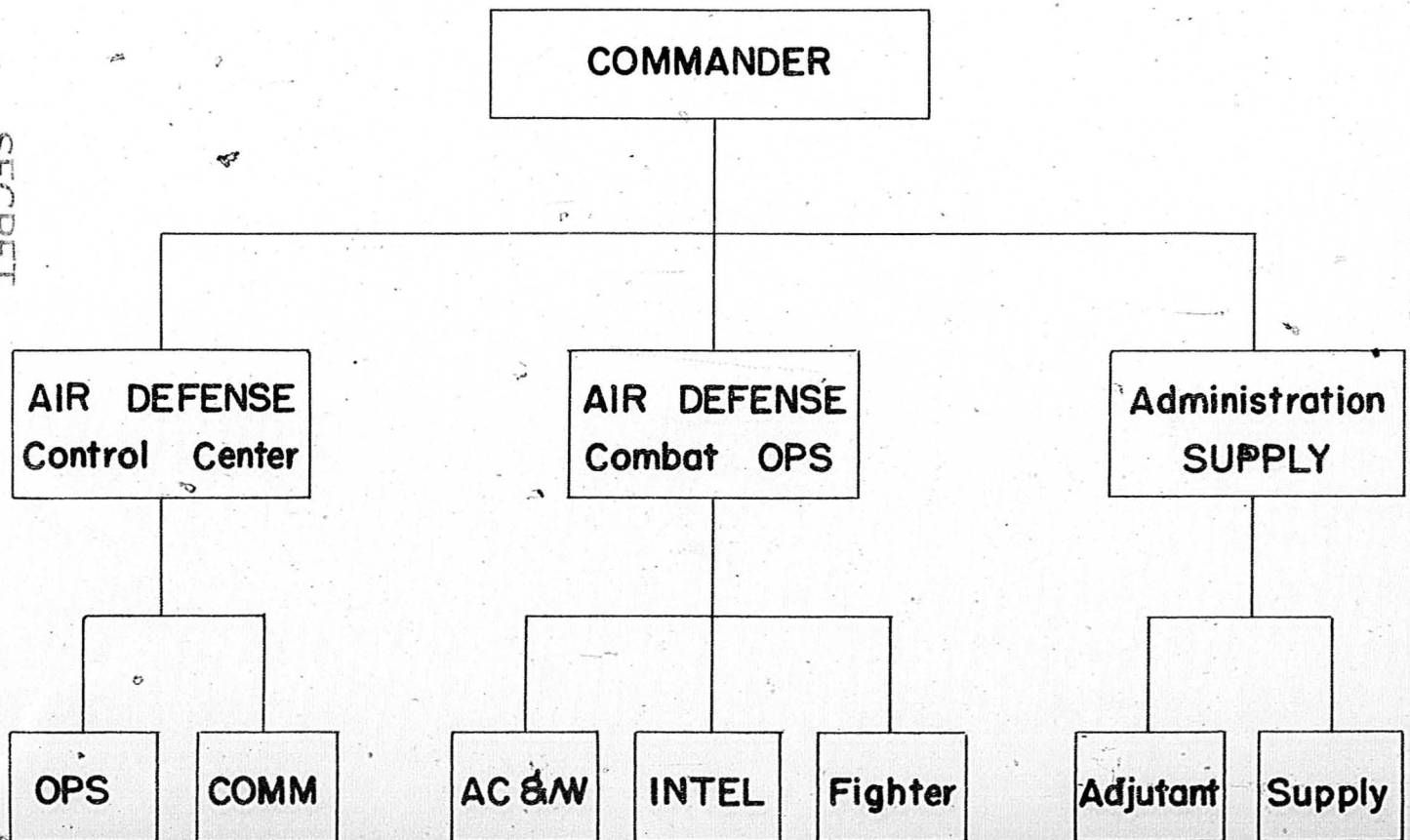
ILLUSTRATIONS

FORWARD

1. Lieutenant Colonel Stephen J. Bertling,
Commander, Detachment #1, Headquarters,
313th Air Division. Frontispiece
2. Organization Chart of Detachment #1. 1
3. Chart of Ryukyus Air Defense Region. 2

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DET I, 313th AIR DIVISION
ORGANIZATIONAL CHART



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I ORGANIZATION

Effective 0001 hours, 16 March 1955, the 851st Aircraft Control and Warning Squadron, APO 235 was inactivated per General Order 28, Headquarters, 5th Air Force, dated 8 March 1955. All personnel formerly assigned 851st Aircraft Control and Warning Squadron were absorbed by Detachment #1, Headquarters, 313th Air Division, APO 235. The Unit is presently operating on a Manning Document prepared by Manpower, 313th Air Division, APO 239. Special Orders, Personnel Actions Memorandums, and Operating Procedures that were performed and approved at Group level, are now being completed by Detachment #1, Headquarters, 313th Air Division, APO 235. Detachment #1 is responsible directly to the Deputy for Air Defense, Headquarters, 313th Air Division for all operating procedures. Detachment #1 is assigned to 313th Air Division and attached to 51st Fighter Interceptor Wing for logistical purposes¹ only.

LOCATION

Detachment #1 is assigned to 313th Air Division, APO 239, but is physically located with 51st Fighter Interceptor Wing, APO 235, Naha Air Base, Okinawa.

1 Hq, 313th AD, Letter from DO/O-M, 22 April 1955.

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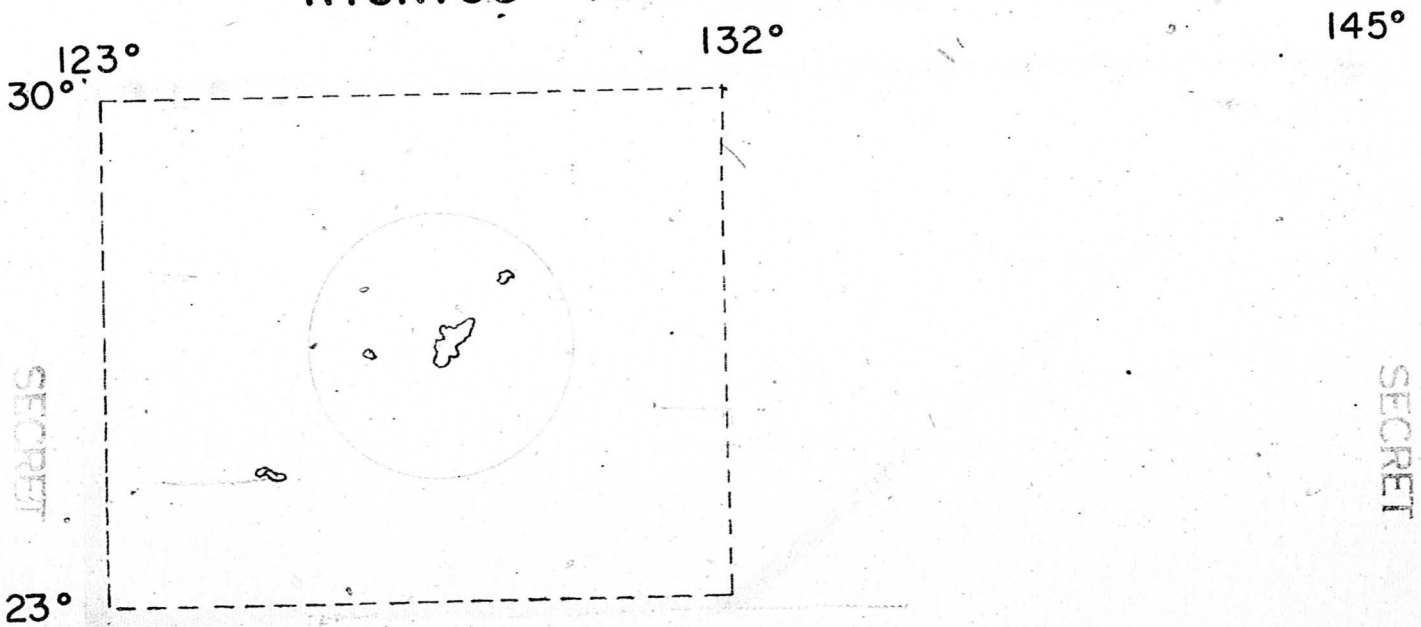
II MISSION

The mission of Detachment #1 is to operate the Air Defense Control Center located at Naha Air Base, Okinawa, and in addition, the 313th Air Division Combat Operations Center, Air Defense. The mission of the ADCC is to provide the Air Defense Commander, or his representative, with information on all Air activity in and approaching the area of his responsibility: To provide the facilities for directing the Air Defense of the area, and to act as coordinator of all necessary allied activities for mutual advantage. The mission the Air Defense Combat Operations Center is to accomplish its operations in accordance with Air Defense policies established by the Deputy for Air Defense, 313th Air Division. In addition, the Air Defense Combat Operations Center will prepare operation procedures pertaining to Air Defense as required by the Air Defense system to carry out the policies, directive, and regulations of the 313th Air Division of higher headquarters.²

² Hq, 313th AD, Letter from DO/O-M, 22 April 1955.

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RYUKYUS AIR DEFENSE REGION



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III PERSONNEL

KEY STAFF PERSONNEL: Roster of Key Personnel of this Unit is as follows:

STEPHEN J. BERTLING	LT. COLONEL	COMMANDER
WOODROW W. EVANS	CAPTAIN	CHIEF CONTROLLER
JACOB H. RODENBOUGH	CAPTAIN	ADJUTANT - PERSONNEL OFFICER
JULIAN T. ERWIN	1ST LT	COMMUNICATIONS OFFICER
PETER SHIMRAK	2ND LT	SUPPLY OFFICER

Personnel strength as authorized by Manning Document and assigned personnel as indicated on Morning Report are as follows:

<u>AS OF 30 APR 55</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
OFFICERS	19	26
AIRMEN	125	122
CIVILIANS	1	1

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IV OPERATIONS

Fighter Status: During March, the alert commitment of the 18th Fighter Bomber Wing was cut in half, from eight to four aircraft available during daylight, because of the relatively low state of training and in-commission aircraft in the unit. The reduction was expected to enable the 18th to step up its training and to concentrate on its primary mission of fighter bomber work. Because of the reduction, an increased alert was imposed on the 51st Fighter Interceptor Wing, for which training periods were also cut when its 16th Fighter Interceptor Squadron rotated to Formosa and a team of its pilots competed in a yodety meet at Itazuke, Japan. The slow moving engine modification program for the 26th Fighter Interceptor Squadron further limited the 51st's readiness, shifting most of the alert commitment during March to its 25th Fighter Interceptor Squadron. On 25 April, the 26th Fighter Interceptor Squadron was ready to assume the all-weather alert, when its engine modification program had finally been completed.

AC&W Status: Expert radar teams composed of factory representatives and officers from FEALOGFOR and the AC&W units tested early warning radar sets to determine the optimum antenna tilt for pickup of high flying jets. One result was the discovery that the mechanical tilt and the electrical tilt do not coincide. Project teams, therefore, began working through the radar network aligning and properly elevating all antennas to provide a maximum of early warning against high flying jets

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without sacrificing any appreciable low level coverage. The entire project was expected to conclude by the end of April.

Status of AAA: The modernization program of the 97th AAA Group resulted in the activation of the 75 mm Skysweeper Battalion, which now has relocated its weapons in their proper Air Defense positions. The completed projects are a major factor in the increase of Air Defense capabilities. While the AAA Commander will be located at the new anti-aircraft operations center at Sukiran, AAA liaison personnel will continue to remain at the ADCC to effect necessary coordination for the Air Defense effort.

Tests

Navy Penetration: A squadron of Navy P2V's based in Japan executed a penetration of our radar screen and simulated the mining of Buckner Bay on 6 April. Flying at low levels during their entire mission, the Navy aircraft descended to an altitude of 30 feet from a radius of 50 miles from Okinawa. Weakness in local ground radar to detect low flying targets has long been apparent, and this test clearly emphasized limitations in this area of detection when not one of the targets was picked up during the entire test.

"Hi-Fly" Test: A series of tests were conducted to determine the ability to detect single jet interceptors at high altitudes. Preliminary results indicated that at least one sight in the system would have to increase its antenna tilt to achieve success at altitudes above 40,000

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feet. Because such a move might sacrifice the present surveillance range, further studies are being conducted on this problem.

"Gangster" Missions: Coordination was affected with the 51st Fighter Interceptor Group to utilize T-33 aircraft as targets in high altitude (above 30,000 feet) practice intercepts. Code word designated for these missions was "Gangster", and since 18 April a total of nine intercepts were conducted, with only two considered successful. It is expected, that with experience and training, more success will result in this type of intercept.

Problems

Radar Site Ground Defense: While visiting the ADCC on 1 April for a briefing on the Air Defense system, Major General James E. Moore, commanding general, Ryukyus Command, was acquainted with the problem of ground defenses at the system's radar sites by Colonel Hilmer C. Nelson, Air Defense Commander. Writing about the meeting later in his air defense report for March 1955, Colonel Nelson explained,³ " I had occasion to point out the lack of adequate ground defense at our radar sites and General Moore agreed that their importance coupled with their isolation made them an inviting target for attacks by ground raiding parties. General Moore made no commitment to provide Army troops for defense of the isolated sites, but agreed in principle that the requirement for such defense is valid."

3 AD Report, March 1955, Colonel Nelson to CO, 313th AD.

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Developments

AC&W Reorganizations: Deactivation of the 529th AC&W Group in March created an interim situation wherein many administrative, training, and logistic functions formerly performed by the Group were not clearly established as responsibilities elsewhere. It was assumed that 313th Division staff would take direct supervision over operations, administrative, training, and supply of the three units in the system: the 623rd AC&W Squadron, 624th AC&W Squadron, and Detachment #1.

Air Defense Weather Station: A weather station manned by personnel of the 15th Weather Squadron moved into the ADCC late in April. Though all normal facilities are available in the station, its services are limited to daytime operations until additional personnel become available. The station is expected to supplement normal base weather data as to winds aloft at very high altitudes, contrail formations, temperatures, inversions and other information required by the Air Defense System.

Scramble authority for R-54:⁴ With FM communications firmly established between the radar site at Kume and the alert buildings at Naha, scramble authority was given to this south sub-sector ADCC on all targets originating in their area of responsibility. A TSP-1D height determining radar is also being installed at the site, an addition which will greatly increase the system's Air Defense capabilities.

⁴ Radar Site, Kume - Jima, Ryukyus.

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Staff Visits: Nearly all key officers of the DSC/O office, at Headquarters, Fifth Air Force, visited the ADCC for orientation and discussion of air defense matters during March.

Two air defense conferences were held at Headquarters, Fifth Air Force during April to discuss standardization procedures between the new air divisions. The conferences were attended by division staff members.

Other visits were by Air Defense staff officers to the 16th Fighter Interceptor Squadron during its stay at Chai-Yi, Formosa, to the Joint Operations Center at Taipei for intelligence briefings, to K-55, Korea for recent Phase I Gunnery Meet, and to the 43d Air Division.

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V AIR DEFENSE CONTROL CENTER

ADCC Operations: The chief controller attended an Air Movements Identification System conference at Headquarters, Fifth Air Force in Nagoya, Japan. Purpose of the meeting was to establish an AMIS within the command. Target date on which the new system will begin was set for 1 July 1955. It is expected that the new system will represent another step forward in further implementing decentralized control throughout the Fifth Air Force Air Defense system.

A senior controller began job familiarization training with the chief controller, who rotates to the Zone of Interior in May.

ADCC Communications: An inspection team from the 313th Air Division Training Office on 10 March found the communication section's OJT program operating successfully.

A liaison visit to coordinate operation of a new circuit between the ADCC and the Formosa TACC was made by the communications officer and NCOIC in April. Another coordination visit was also made with the 33d Air Rescue Squadron, which moved to Naha Air Base in April and will use the ADCC transmitter site.

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VI SUPPLY

Logistical Support: Because of the AC&W reorganization in March a problem of supply responsibility arose for Detachment #1. Previously the responsibility for logistical support of the ADCC was maintained by the deactivated 851st AC&W Squadron. With the reorganization the responsibility was shifted to no particular unit, though "action was taken to cancel the Unit Authorization List for the former 851st AC&W Squadron and to establish a UAL for the ADCC¹". No further order on responsibility for the ADCC account was issued from higher headquarters, and, therefore, the 851st account had to be maintained to continue the operation of the ADCC. A severe personnel shortage also developed when "surplus" personnel were transferred because the new Table of Distribution for Detachment #1 called for only two supply specialists, whereas the 851st's last approved TD authorized six men. Furthermore, the supply responsibility for Detachment #1 had become greater because not only was it assigned logistical support of the ADCC but also for the Air Defense Combat Operations Center.² This problem was outlined in a letter on "Supply Discipline and Responsibility," dated 29 April 1955, and forwarded to division headquarters.

1 Ltr, DO/O-M, 22 Apr 55, on Admin, Ops, and Support to CO, Det#1-313 AD.

2 Ibid

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APPENDIX

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APPENDIX I

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SUMMARY OF ALL ROUTINE AIR DEFENSE ACTIVITIES
MARCH THROUGH APRIL 1955

Total radar tracks.	4668
Actual scrambles.	25
Actual intercepts.	9
Identified prior to intercept.	14
Weather Plots.	2
Practice scrambles.	88
Practice intercepts.	49
Weather reconnaissance.	48
Initially unidentified.	63
Remained unidentified.	0
Other missions scrambled on (Penetration).	9
Other missions intercepted (Penetration).	2
ECM missions scheduled.	8
ECM missions accomplished.	8

Source: ADCC -

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SUPPORTING DOCUMENT NO. 1

HEADQUARTERS
313TH AIR DIVISION
APO 239

DO/O-M

22 April 1955

SUBJECT: Administration, Operation and Support of the Headquarters, 313th Air Division Facility at Naha

TO: Commander, Detachment # 1, Hq, 313th Air Division, APO 235
Commander, 51st Fighter-Interceptor Wing, APO 235

1. The following policies and procedures pertaining to operation of the Headquarters, 313th Air Division Facility at Naha are effective immediately:

a. Policy. The Deputy for Air Defense, Hq, 313th Air Division has been delegated responsibility for supervision over all organizations under this command on Air Defense. He uses the staff of Headquarters, 313th Air Division, in the accomplishment of staff functions pertaining to Air Defense.

b. Organization. The Okinawa ADCC and the Air Defense Combat Operations Center at Naha are an integral part of the Headquarters, 313th Air Division. They are under the direct supervision of the Deputy for Air Defense, Headquarters, 313th Air Division. For the purpose of satisfying administrative and reporting requirements only, the designation "Detachment # 1, Hq, 313th Air Division" has been authorized. This designation will not be used except as required by regulations and directives to comply with these requirements. On all other matters, the 313th Air Division, Headquarters activities at Naha will be referred to as the Okinawa ADCC or the 313th Air Division Combat Operations Center (Air Defense). Electrical communications intended for the Air Defense Combat Operations Center will be addressed "Okinawa ADCC, Naha, Pass to 313 AD/COC/AD, NAHA", those intended for the control center will be addressed "Okinawa ADCC".

c. Operational Procedures.

- (1) The personnel of Detachment # 1, Hq, 313th Air Division will operate the ADCC and, in addition, the 313th Air Division Combat Operations Center, Air Defense.
- (2) Staff functions relating to Air Defense will be performed by the staff of Hq, 313th Air Division located at Adena Air Base. The Air Defense Branch, Operations and Training Division, Directorate of Operations is charged with this function. Plans and policies pertaining to operation of the Air Defense system, will be prepared in the name of this headquarters, by this Branch, in coordination with the Combat Operations Center, Air

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2117

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SUPPORTING DOCUMENT NO. 1

Hq, 313th Air Div, APO 239, DO/O-M, Subj: Administration, Operation and Support of the Hq, 313th Air Division Facility at Naha

Defense. Air Defense Combat Operations will be accomplished by the Air Defense Combat Operations Center in accordance with Air Defense policies established by the Deputy for Air Defense, this headquarters. In addition the Air Defense Combat Operations Center will prepare operational procedures pertaining to Air Defense as required by the Air Defense system to carry out the policies, directives, and regulations of this or higher headquarters.

- (3) A 313th Air Division Command Post has been established and is physically located within this headquarters at Kadena Air Base. This Command Post is manned 24 hours per day. Personnel of the Air Defense Branch Tactical Operations Branch, Operations Services Branch, and ECM Warfare Branch, of the Operations and Training Division are physically located at the Command Post. Administrative telephone numbers are 41101 and 42130. Tactical telephone numbers are EDEN 140, 141, 142, and 143.

d. Administration Procedures.

- (1) Unit administration for the ADCC will be performed in the same manner as for a separate headquarters squadron section.
- (2) Assignment and promotion quotas for personnel will be a responsibility of the Director of Personnel, this headquarters.
- (3) Forecasting, requisitioning, and individual personnel actions pertaining to the ADCC will be forwarded to the Director of Personnel, this headquarters for processing.
- (4) Regulations and directives pertaining to Air Defense will be issued as 313th Air Division regulations or directives.
- (5) Staff memorandums outlining administrative policies and procedures for Hq, 313th Air Division, are also applicable to the ADCC, except for those matters such as Staff Duty Officer, and so forth, where compliance is not practicable because of geographic location.
- (6) Temporary Duty Orders for personnel of the ADCC will be prepared by the 51st Fighter-Interceptor Wing.
- (7) Necessary board actions and requesting of transportation spaces on the J5 report will be provided by the 51st Fighter-Interceptor Wing.
- (8) Administrative support for the ADCC will be provided by the Commander, 51st Fighter-Interceptor Wing in the same manner as for any other tenant unit or as separately directed by this headquarters.

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2118

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SUPPORTING DOCUMENT NO. 1

Hq, 313th Air Div, APO 239, DO/O-M, Subj: Administration, Operation
and Support of the Hq, 313th Air Division Facility at Naha

e. Logistics Procedures.

- (1) Staff logistics responsibility pertaining to Air Defense will be accomplished by this headquarters.
- (2) Supply responsibility for the ADCC will be in accordance with AFR 67-10 and AFM 67-1 Vol IV. (Action has been taken to cancel the UAL for the former 851st AC&W Squadron and to establish a UAL for the ADCC).
- (3) Logistical support for the ADCC will be provided by the Commander, 51st Fighter-Interceptor Wing in the same manner as for any other tenant unit or as separately directed by this headquarters.

2. Subordinate commanders will disseminate and insure compliance with the above by personnel of their organizations.

BY ORDER OF THE COMMANDER:

/s/t/C. D. SLUMAN
Colonel, USAF
Deputy Commander

A CERTIFIED TRUE COPY:

Peter Shimrak
PETER SHIMRAK
2nd Lt., USAF
Asst Adjutant

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DOCUMENT TO ROLL INDEX

Frame Number	Classification Number	Date Period	Vol.	Pt.	Title	Security Classification	Remarks
4	K-Div-311-Su-Re	Nov-Dec48			311st Air Division	S	
445	K-Div-313-Hi	Jan-Jun55			313rd Air Division	U	
461	↓	Mar-Jun55	1		↓	S	
1088	↓	" "	2		↓	S	
1611	↓	" "	3		↓	S	
2096	K-Div-313-Hi	Mar-Apr55			313rd Air Division	S	
2120	Index				Index		
	Some unreadable pages	Poor original					

2120