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DEPARTMENT OF THE NAVY
CARRIER AIRBORNE EARLY WARNING SQUADRON
ONE HUNDRED SIXTEEN
FPO SAN FRANCISCO 96601-6404

5750
Ser 12/C- 017
22 FEB 1990

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From: Commanding Officer, Carrier Airborne Early Warning Squadron ONE ONE SIX

To: Director of Naval History (OP-09BH)
Washington, DC 20374-0571

Subj: COMMAND HISTORY (U)

Ref: (a) OPNAVINST 5750.12E

Encl: (1) 1989 Command History (C)
(2) Battle "E"/AEW Excellence Award CY1989 input (C)
(3) Commanding Officer Biography and Photograph (U)
(4) E-2C Photo (U)

1. (U) In accordance with reference (a), enclosure (1) is submitted. Enclosures (2), (3) and (4) are supporting documents.

PT Mad

P. T. MADISON

ODS
1-5

Forger

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Classified by : Numerous Sources
Declassified by : ODAR

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CARRIER AIRBORNE EARLY WARNING SQUADRON
ONE ONE SIX COMMAND HISTORY 1989

1. (U) Command Composition and Organization

a. Mission. Train for and provide carrier based, all weather airborne early warning and command control in support of Battle Group operations.

b. Organization structure.

(1) Commander, Carrier Air Wing TWO

(2) Commander, Carrier Group SEVEN

c. Name of Commander. CDR William F. Hopper was relived by CDR Patrick T. Madison on 15 September 1989.

d. Permanent duty station/primary deployable unit.

(1) Naval Air Station, Miramar, CA

(2) USS RANGER (CV-61)

e. Aircraft assigned.

(1) Four E-2C Hawkeyes

(2) Tail Code: NE

(3) Tactical Callsign: Sun King

2. (C) Chronology/Narration.

a. READIEX 89-2A (10-22 Jan 89)


b. Awarded Top Fighter Control Squadron for Fighter Derby 1988 (Feb 89). Fourth consecutive award, a first for the AEW community.

c. READIEX 89-2B (24 February - 8 March 1989)

d. Western Pacific deployment (8 March 1989 to 24 August 1989).

e. Soviet MIG 23 intercepts off Cam Rahn Bay, Viet Nam, (3 April 1989). Six MIG aircraft were intercepts outside the Asian Buffer Zone without incident.

f. North Arabian Sea Operations (April-June 1989). On-stationing contingency for possible escort operations into the Straits of Hormuz and Persian Gulf.


Encl (1)

- g. Operation Beacon Flash (April 1989). A highly coordinated opposed strike scenario involving assets from the Sultanate of Oman's Air Force.
- h. Weapon's Week (May 1989). Battle Group Live Fire exercises in the vicinity of Diego Garcia.
- i. Australian PASSEX (June 1989). Coordinated opposed over land strike scenarios with the RAAF.
- j. Thailand PASSEX (July 1989). Coordinated opposed over land strike scenarios with the RTAF.
- k. Vietnamese Refugee Rescue (2 August 1989). In the South China Sea, aircraft under Sun King control identified a refugee boat containing 40 plus people and coordinated rescue.
- l. Return to Home Port, NAS Miramar, CA (24 August 1989). Ending a highly successful Western Pacific/Indian Ocean deployment highlighted by the fact that in operations on three continents, over six months, not a single air wing asset was sighted for a flight violation and no air wing assets were lost.
- m. CNO Project 080 (11-14 September 1989).
- n. NNBIS/ONDCP Flights (September-December 1989).
- o. San Francisco Fleet Week 1989 (November 1989). On board USS INDEPENDENCE (CV-62).

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I. (U) Combat Readiness

a. Flight Hours

1. Day Hours:	2521.3
2. Night Hours:	765.4
3. Embarked Hours:	1786.1

b. Carrier Landings

1. Total Carrier Landings:	348 day/268 night
2. Boarding Rate:	96.9
3. Landing Grades:	3.51

II. (C) Weapons System Material Readiness

a. Full Mission Capable:	39.04
b. Mission Capable:	67.16
c. Cannibalization Rate:	6.38

January	9.3
February	5.9
March	8.3
April	4.7
May	6.0
June	8.6
July	6.2
August	4.3
September	4.0
October	5.7
November	8.4
December	5.2

d. A799 Rate (0 Level):	4.97
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January	6.1
February	5.3
March	4.5
April	4.4
May	5.1
June	4.4
July	6.6
August	3.0
September	4.3
October	3.5
November	7.5
December	4.9

Encl (2)

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e. A799 Rate (I Level): 8.33

January	8.9
February	21.0
March	7.0
April	6.9
May	8.9
June	9.1
July	11.8
August	3.9
September	9.5
October	4.2
November	4.5
December	4.6

f. Material Inspection:

<u>Inspection</u>	<u>Date</u>	<u>Inspector</u>	<u>Grade</u>
1. Pre-cruise	03 Jan 89	COMFIT	SAT
2. Post-cruise	30 Aug 89	COMFIT	SAT

g. Aviation Maintenance Evaluation Results: Outstanding, conducted 18 Nov - 20 Nov 1988 (during ATA).

h. Engine FODs: One FOD - 25 Jan 1989.

I. BOSS: 17 total inputs.

III. (U) Achievements in Combat Excellence

1. ATA Results:

<u>DATE</u>	<u>EVALUATOR</u>	<u>GRADE</u>
18 Nov - 20 Nov 88	AIRPAC	OUTSTANDING

2. COMPLEXES:	# CREWS	QUAL	PERCENT
AAW-3-A	5		100
AAW-4-A	5		100
STW-20-A	3		60
ASU-4-A	5		100
ELW-2-A	5		100
ELW-7-A	5		100
ELW-12-A	5		100
ELW-13-A	3		60
CCC-1-I	5		100
CCC-2-I	3		60
FSO-4-A	5		100
FSO-5-A	5		100

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3. EWTPPI:

<u>DATE</u>	<u>EVALUATOR</u>	<u>GRADE</u>
06 NOV 88	Mr. Ron Steep, NWC China Lake	98%

4. (C) Non-Air Wing Exercises and Training Events:

a. LINKEX in support of COMCRUDESGRU FIVE - Jan, Feb, Sep, Oct, Nov and Dec 1989

b. (1) CNO Project 080: 11 - 14 September 1989

(2) NNBIS/ONDCP Flights: Three total -
(September 2.8, October 3.6, December 3.8).

(3) Support of 1989 San Francisco Fleet Week on-board USS Independence (CV-62).

c. Sent one controller to 64th Aggressor Squadron, Nellis AFB for intense overland Supersonic Anti-Soviet Tactics utilizing F-15 assets from the 57th Fighter Squadron from Holloman AFB.

d. Flew 100% of fleet flying requirements for selected air reserve.

5. (C) Embarked Achievements:

1. Soviet Mig-23 intercepts off Cam Rahn Bay, Viet Nam. On 03 April 1989 detected and controlled intercept of 6 Mig aircraft.

2. Vietnamese Refugee Rescue. On 02 August 1989 in the South China Sea SSC Aircraft under SUN KING control identified a refugee boat. Helicopters were vectored during a monsoon storm and 40-plus people were rescued.

3. READIEX 89-2A (10 - 22 JAN 89): North Arabian Sea scenario involving operations against potentially hostile third world and Soviet platforms.

4. READIEX 89-2B (24 Feb - 8 Mar 89): NW Pacific scenario involving operations against in-theater Soviet force defending Kamthotka Peninsula.

5. BEACON FLASH: Sultan of Oman Air Force - April 1989.

6. Weapons Week: May 1989.

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7. North Arabian Sea Operations: April - June 1989.
8. Australian PASSEX: June 1989.
9. Thailand PASSEX: July 1989.

IV. (U) Aviation Safety

a. Quarterly Safety Award:

1. First Quarter - #1
- Second Quarter - #4
- Third Quarter - #3
- Fourth Quarter - (TBA)

V. (C) Contributions

1. (U) Weapon System Development:

a. RAMECS: 0

- b. MILCAPS:
- | | |
|-----------|--|
| 18 Mar 89 | Flap Actuator Lubrication Fitting (Pending) |
| 26 Apr 89 | E-2C Brush Block Overhaul (\$50.00 Award) |
| 28 Nov 89 | Space Saving/Bio Degradable Packing Material (Pending) |
| 28 Nov 89 | Photo Electric Light Control (Pending) |

c. Software Inputs: P8 Evaluation for FCDSSA 10/89

Total Sorties: Five
Total Hours: 13.5

2. (C) Tactical Change Recommendations:

a. NWP-55, E-2 TACMAN - 5

- | | |
|-----------|----------------------------|
| 21 Dec 89 | Strike Checklist |
| 21 Dec 89 | Jammer's Position |
| 21 Dec 89 | E-2 Aircrew Performance |
| 21 Dec 89 | Electronic Support Jamming |
| 21 Dec 89 | Soviet Escort Tactics |

b. TACPRO - 1

21 Dec 89 CVW-2 TACPRO 410 A

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c. NWP's - 10

NWP 32 8
 21 Dec 89 ARC-182
 21 Dec 89 APS-138/139
 21 Dec 89 Helicopter Assets for ESM
 21 Dec 89 KY-75
 21 Dec 89 Passive Detection System

NWP 19-1 1
 21 Dec 89 Very Pistol

NWP 10-2 1
 21 Dec 89 Bird Strike

d. OPNAVINST - 3

OPNAVINST C3120.39B (LINK 11 SOP)
 21 Dec 89 LINK 11 Operation
 21 Dec 89 LINK 11 Operation

OPNAVINST C3120.40 (LINK 4 SOP)
 21 Dec 89 AWG-9 Weapons System

3. (C) VAW Community Inputs:

a. Tactical Training Recommendations:

(1) North Arabian Sea EMI point paper discussing all aspects of EMI in North Arabian Sea submitted to JTFME in response to E-2C radar channel restrictions.

(2) Airborne Intercept Controller (AIC) manual submitted by LT J. Furrh - January 1989, now the reference guide used at VAW-110.

b. TAC D and E Inputs:

(1) DACM - dissimilar Air Combat Manuevering Evaluaiton for CAEWWS with LT Reifsnyder in W-291 in October flying 4 times against a variety of aircraft.

(2) IR Signature: F-14's and F-16's from NWC China Lake evaluated IR signature of the E-2C.

VI. (U) Personnel Readiness

1. Officer Retention	100%
2. First Term Enlisted	47%
3. Second Term Enlisted	80%

