



DEPARTMENT OF THE NAVY
CARRIER AIRBORNE EARLY WARNING SQUADRON 120
1027 BELLINGER BLVD
NAVAL STATION, NORFOLK, VIRGINIA 23511-2216

5750
Ser 30/172
26 MAR 2001

From: Commanding Officer, Carrier Airborne Early Warning Squadron 120

To: Director, Naval Historical Center (N09B)

Subj: COMMAND HISTORY FOR CALENDAR YEAR 2000

Ref: (a) OPNAVINST 5750.12G

Encl: (1) CY-00 VAW 120 Command History
(2) Commanding Officer's Biography
(3) VAW 120 Squadron History
(4) 3.5 inch disk containing above, and JPEG of CO

1. Per reference (a), enclosures (1) through (4) are submitted.


E. D. ROSEQUIST

CY-00 VAW 120 COMMAND HISTORY

COMMAND MISSION

Carrier Airborne Early Warning Squadron ONE HUNDRED TWENTY is the Fleet Replacement Squadron for the Carrier Airborne Warning and Fleet Logistics Support Communities. It is our primary duty to indoctrinate and train Naval Aviators, Naval Flight Officers, and enlisted Naval Aircrewmembers in the operation of the E-2C "Hawkeye" and C-2A "Greyhound" aircraft.

COMMAND ORGANIZATION

VAW-120 is a shore command permanently based at Naval Station Norfolk, Virginia. The squadron's nickname is "The Greyhawks".

Commander, Airborne Early Warning Wing Atlantic	ISIC	
CAPT Brian M. Roby	Commanding Officer	Jan 00 - Apr 00
CDR Edward D. Rosequist	Commanding Officer	Apr 00 - Dec 00
CDR Steve Thompson	Executive Officer	Jan 00 - Apr 00
CDR Kevin Andersen	Executive Officer	Apr 00 - Sep 00
CDR Glen Ackermann	Executive Officer	Sep 00 - Dec 00
CDR [REDACTED]	Maintenance Officer	Jan 00 - Mar 00
LCDR [REDACTED]	Maintenance Officer	Mar 00 - Dec 00
CDR Kevin Andersen	Operations Officer	Jan 00 - Mar 00
LCDR [REDACTED]	Operations Officer	Mar 00 - May 00
LCDR [REDACTED]	Operations Officer	May 00 - Dec 00
LCDR [REDACTED]	Administrative Officer	Jan 00 - Mar 00
LCDR [REDACTED]	Administrative Officer	Mar 00 - Dec 00
LCDR [REDACTED]	Safety Officer	Jan 00 - Dec 00

CDR [REDACTED]	Training Officer	Jan 00 - Mar 00
LCDR [REDACTED]	Training Officer	Mar 00 - Dec 00
LCDR [REDACTED]	Training Officer	Dec 00 - Dec 00
LT [REDACTED]	Pilot Training Officer	Jan 00 - Jan 00
LT [REDACTED]	Pilot Training Officer	Jan 00 - Oct 00
LT [REDACTED]	Pilot Training Officer	Oct 00 - Dec 00
LT [REDACTED]	NFO Training Officer	Jan 00 - Jul 00
LT [REDACTED]	NFO Training Officer	Jul 00 - Dec 00

NUMBER OF PERSONNEL ON BOARD

<u>Staff Officers</u>	<u>Staff Enlisted</u>	<u>Student Officers</u>	<u>Student Enlisted</u>
72	330	108	8

OPERATIONS

The Operations Department schedules every training and flight event at VAW 120. This group of officers works closely with the Training Department on a daily basis ensuring every element of the CNO syllabus is completed for Category I through Category IV students. In 2000, 41 Cat I pilots, 39 Cat I Naval Flight Officers (NFO's) and 17 C-2A(R) Naval Aircrewmen completed the E-2C and C-2A(R) training syllabi. An additional 28 advanced Category pilots and 10 advanced Category NFOs were trained. The squadron logged 7303.9 total flight hours, all of which were class "A" mishap-free. Squadron personnel developed and presented numerous VIP orientation briefings and aircraft indoctrination tours for visiting groups. Additionally, VAW 120 trains a number of foreign military students.

The Operations Department scheduled and coordinated four Field Carrier Landing Practice and four Carrier Qualification detachments. These comprehensive tasks included determining the aircraft assets required, training to be completed, field or carrier usage, billeting, maintenance support, funding and other miscellaneous items. Operations was responsible for scheduling and contracting Air Intercept Control (AIC) aircraft assets which were employed for student NFO's to become AIC qualified.

VAW 120 is routinely tasked with providing tours for visiting groups such as the Naval Reserve Officer Training Corps, the Naval Junior Reserve Officer Training Corps, the Sea Cadets and the Boy Scouts of America. These briefings are designed to orientate prospective naval officers and enlisted personnel to the capabilities, limitations and mission of the E-2C "Hawkeye" and the C-2A(R) "Greyhound".

MAINTENANCE

The Maintenance Department at VAW 120 provides the aircraft maintenance support necessary to accomplish the command's training mission. It currently provides all scheduled, unscheduled and special maintenance requirements for 13 E-2C and 5 C-2A(R) aircraft. As the largest department in the squadron, it contains approximately 70% of all permanently assigned personnel consisting of over 230 enlisted maintenance personnel, 19 Chief Petty Officers and 12 Officers.

The following E-2C and C-2A(R) aircraft were received, transferred, underwent Aircraft Service Life Period Adjustment (ASPA) inspections or completed extensive electrical wiring modifications:

<u>BUNO</u>	<u>Date</u>	<u>Received From</u>
165302	28 Feb	Grumman, St. Augustine
163026	17 Mar	VAW-124
165297	6 Apr	VAW-123
164108	17 Apr	VAW-117
163850	2 May	NADEP, North Island
164496	15 Aug	VAW-121
164110	13 Sep	Patuxent River, MD
165303	31 Oct	Grumman, St. Augustine
162153	30 Nov	VRC-40

<u>BUNO</u>	<u>Date</u>	<u>Transferred To</u>
163696	23 Mar	NAS, North Island
163849	25 Apr	Grumman, St. Augustine
161785	17 May	AMARC
164108	19 Jul	VAW-124
163850	8 Aug	VAW-124
162800	12 Sep	AMARC
162801	31 Oct	AMARC
162158	31 Nov	NAS, North Island

<u>BUNO</u>	<u>Date</u>	<u>ASPA/MOD</u>
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162168	16 Feb	ASPA/WIRING
162800	20 Apr	ASPA/WIRING
162169	20 Apr	ASPA/WIRING
162155	10 May	ASPA/WIRING
162801	11 May	ASPA/WIRING
163026	25 Aug	ASPA/WIRING
162169	10 Dec	OUTER WING CHANGE

One of the squadron's C-2A(R) aircraft was sent to NADEP North Island to undergo major depot level maintenance due to reaching the 15,000 maximum landing limit placed on all C-2A(R) Greyhound aircraft.

In December, the squadron began to use civilian contractors at Grumman to complete ASPA inspections thereby allowing squadron personnel to work on other aircraft. 162168 began ASPA in Dec by Grumman.

The squadron has lowered its E-2(C) Group 0 inventory to one aircraft as that model is phased out from the active Naval Air Force.

The squadron expects to receive its first C2 CAINS II Aircraft in Jan 2001.

SAFETY DEPARTMENT

CY 00 was another impressive year of operational safety for the Greyhawks. The squadron flew 7303.0 hours and logged 1061 arrested landings. Highlights for the year include:

TOTAL HOURS:	7303.9
TOTAL EMBARKED HOURS:	511.8
TOTAL NIGHT HOURS:	2071.1
TOTAL ARRESTED LANDINGS:	1061
TOTAL NIGHT ARRRESTED LANDINGS:	476
NUMBER OF E2C NATOPS CHANGES SUBMITTED:	51
NUMBER OF C2A NATOPS CHANGES SUBMITTED:	9
NUMBER OF HAZREPS SUBMITTED:	5
NUMBER SUBMITTED OF:	
HMR:	10
TPDR:	22
EI:	1

QDR: 5

NUMBER SAFETY ARTICLES SUBMITTED: 4

NUMBER OF SAFETY STAND DOWNS: 4

NUMBER OF MISHAPS: 0

NUMBER OF FLIGHT VIOLATIONS: 0

The squadron passed the 50,000 hour mishap-free milestone this year.

The squadron conducted eight unit evaluations on fleet units.

TRAINING DEPARTMENT

This year saw the elimination of E-2C Group 0 pilot and NFO training syllabi as the fleet completes transition to the E-2C Group II model series. Additionally, a CNO directive dictated a redefinition of the five basic categories of students. This necessitated a complete restructuring of the Pilot and NFO curriculums. In addition to the above changes, the Cat I NFO syllabus was converted to a phase-based instructional system. This system is designed to reinforce academic knowledge through a more consistent flight program. This, combined with improved use of limited training assets should reduce overall time to train.

The Naval Aviation Production Process Improvement (NAPPI) program continued improvements in training. This process has resulted in more efficient tracking and output of Naval Aviators and Flight Officers from CNATRA through the Fleet Replacement Squadrons into the fleet. In order to meet the annual fleet requirement of 43 Pilots and 41 NFOs, the command has redefined class sizes and scheduling such that a new class will begin every 10 weeks with 9 pilots (5 E-2C and 4 C-2A) and 9 NFOs. An additional class was added to make a total of 5 classes per year. A master course schedule was developed to more effectively track the progress of each class. The end result will be meeting fleet demand in a timely and efficient manner.

The Fleet Project teams fall under the umbrella of the Training Department. This is a highly dedicated group of officers that provide fleet direction in the development and modification of flight simulators. This year saw the introduction of the new 2F110 full motion E-2C Group II pilot simulators, one located at NS Norfolk and the second at NAS Point Mugu. Work continues on the development of two 2F168 non-motion C-2A simulators. The Norfolk

based simulator is being developed by BAE Systems while the North Island based simulator is being developed by ASI Corporation. Both simulators involve the extensive conversion of an existing E-2C Group 0 non-motion simulator into a C-2A simulator. Their introduction in the later part of CY 2001 will greatly enhance C-2A pilot training. The E-2C Hawkeye 2000 tactics trainer also continues development.

The old E-2C Group 0 Weapons System Trainer (WST) was removed and shipped to the NLX Corporation where it will be retrofitted with the new mission computer and tactical displays. The new Radar/IFF System Simulator that produces video paints and target reports completed design and production and was shipped to NLX for integration into the final simulator. Future development includes development of instructor workstations and development of gaming areas for battle problem scenarios. This simulator should return to Norfolk in August 2001 to begin training Hawkeye 2000 NFOs. Aircrew Coordination Training has been split into an E2 ACT facilitator and a C2 ACT facilitator for particular type model training.

ADMINISTRATION DEPARTMENT

The Administration Department coordinated a Change of Command in April. They also fully coordinated the annual Hawkeye-Greyhound Week culminating in a formal ball in August.

A Local Area Network (LAN) was operational in the squadron's main building (LP-34) in April. The LAN is expected to be extended to the training building (SP-364) in 2001.

The Department continued to process approximately 60 awards annually and support all personnel transfers.