



UNITED STATES MARINE CORPS
3d LIGHT ANTI-AIRCRAFT MISSILE BATTALION
MARINE AIR CONTROL GROUP 28
2d MARINE AIRCRAFT WING, FMF, ATLANTIC
MARINE CORPS AIR STATION
CHERRY POINT, NORTH CAROLINA 28533-6047

IN REPLY REFER TO:

5750
3
30 Dec 91

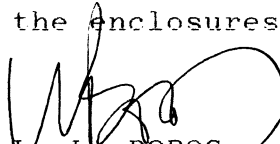
From: Commanding Officer, 3d Light Antiaircraft Missile Battalion
To: Commandant of the Marine Corps (Code HDH-4)
Via: (1) Commanding Officer, Marine Air Control Group 28 (S-3)
(2) Commanding General, 2d Marine Aircraft Wing (SC-306)
(3) Commanding General, Fleet Marine Force, Atlantic (G-3)

Subj: COMMAND CHRONOLOGY FOR THE PERIOD 1 JUL - 31 DEC 91

Ref: (a) MCO P5750.1F
(b) WgO P5750.1E

Encl: (1) Section 1 Organizational Data
(2) Section 2 Narrative Summary
(3) Section 3 Sequential Listing of Events
(4) Section 4 Supporting Documents

1. Per reference (a) and (b), the enclosures are submitted.


L. L. BOROS

3d LAMM Bn

91-12c 91

SECTION 1

ORGANIZATIONAL DATA

Unit Designation: Third Light Antiaircraft Missile Battalion

- a. Reporting Unit Code: 23960
- b. Table of Organization Number: 8681/8682/8683/8684

Period covered and location: 1 July to 31 December 1991 Cherry Point, North Carolina.

Personnel Information

- a. Commanding Officer
Lieutenant Colonel Louis L. Boros 1 Jul - 31 Dec 1991
- b. Executive Officer
Major Larry G. Beavers 1 Jul - 31 Dec 1991
- c. Subordinate Commanders
 - (1) Headquarters & Service Battery Commanding Officer
Captain John S. Phelps 1 Jul - 31 Dec 1991
 - (2) Alpha Battery Commanding Officer
Captain Marlin F. Brown 1 Jul - 19 Sep 1991
Captain David M. Shirk 20 Sep - 31 Dec 1991
 - (3) Bravo Battery Commanding Officer
Captain William P. Cabrera II 1 Jul - 31 Dec 1991
- d. Principal Staff Members
 - (1) S-1 Officer
Captain Wesley D. Center 1 Jul - 31 Dec 1991
 - (2) S-2/3 Officer
Major Stephen P. Hubble 1 Jul - 31 Dec 1991
 - (3) S-4 Officer
Captain Kenneth R. Chambers 1 Jul - 31 Dec 1991
- e. Sergeant Major
SgtMaj David S. Nagorniak 1 Jul - 31 Dec 1991

AVERAGE MONTHLY STRENGTH

	OFF	USMC	ENL	OFF	USN	ENL	CIV
JUL	31		544	0		0	0
AUG	30		534	0		0	0
SEP	31		538	0		0	0
OCT	31		532	0		0	0
NOV	31		533	0		0	0
DEC	29		521	0		0	0

Equipment:

TYPE	NUMBER ASSIGNED
A0659 AN/GXC-7A	0
A0890 AN/UXC-7	7
A1415 AN/PPS-15	7
A1815 AN/GRC-160	5
A1935 AN/MRC-138	3
A2050 AN/PRC-77	20
A2065 AN/PRC-104	20
A2183 AN/MRC-135A	12
A2298 MX-9331	1
A2336 20 FT EMI VAN	0
A2355 AN/GRM-32	1
A2480 SB-22	2
A2505 SB-3614	2
A2634 HYX-65-1	5
A2633 HYX-65-2	5
A8015 KIR-1C	0
A8024 KOI-18	7
A8025 KYK-13	17
A8026 KYX-15	7
A8027 HYP-57	5

A8030 KY-75	20
A8031 KY-57	41
A8039 KIK-18	0
A8040 KG-30	13
B0003 A/C 60HZ	4
B0006 A/C 400HZ	22
B0465 DECON APP	4
B0730 MEP-16B	8
B0891 MEP-003A	5
B0921 MEP-112	2
B0971 MEP-114	3
B1016 MEP-115	23
B1021 MEP-006	3
B1045 MEP-007	2
B1180 ICE MACHINE	1
B1650 ME-10	4
B1710 BOX 350	4
C8638 AMAL	0
C8640 AMAL	0
D0190 LUB UNIT	2
D0860 105 TRAILER	7
D0880 M149	5
D1002 AMB TRUCK	1
D1061 5 TON	115
D1110 FL TK 1200 GL	2
D1158 M-998	12
D1212 WRECKER	4
E0039 BCP	4

E0151 AN/GSA-130 CBL	4
E0180 AIMING CIRCLE	6
E0271 LSCB	9
E0725 IFF	0
E0941 LAUNCHER	16
E0945 LOADERS	10
E0980 M-2	20
E0993 M-60	16
E0994 MK-19	12
E1159 NIGHT VISION	4
E1220 PWR DIST BOX	29
E1311 HPI	8
E1313 CW	4
E1315 PAR	4
E1520 SECURE VOICE	4
E1600 SHOP 5	1
E1648 SHOP 8	1
E1650 V1	1
E1651 V2	2
E3190 PALLET TRAILER	24

NARRATIVE SUMMARY

Section 2 Command, Operations and Training

The date of 4 July 1991 proved to be a grand celebration for the Marines of the 3d Light Antiaircraft Missile Battalion as many events were planned to welcome all of the Marines home from South West Asia. Sergeant Williams of Battery B led participants from the battalion in a Desert Storm parade in Raleigh, the capitol city of North Carolina. First Lieutenant S.M. Cunningham led a detachment of Marines to a similar celebration in Belhaven, North Carolina on 8 July 1991. The Marines of the 3d Light Antiaircraft Missile Battalion felt privileged and blessed to celebrate this Nation's birth across the country with their families. Support and appreciation of all armed service personnel was especially evident in the month of July.

The 3d Light Antiaircraft Missile Battalion wasted no time in getting out to the field after the long deployment to South West Asia. On 23 July the battalion displaced to Onslow Beach, North Carolina for the live HAWK missile firing exercise (FIREX 1-91). FIREX 1-91 provided the first opportunity for the 3d Light Antiaircraft Missile Battalion to fully test the new Phase III system. Challenging drone profiles ranging from high altitude (20,000 ft.) targets, diving targets, low level (500 ft.) pop up targets, and multiple targets ensured an outstanding validation of 3d Light Antiaircraft Missile Battalion. Valuable training and readiness events for both officer's and enlisted HAWK operator personnel was accomplished in the areas of convoys, emplacement, live tracking, and most importantly (9) nine live missile firings for (9) nine tactical officers.

From 5 to 29 August 1st platoon, Battery A, led by First Lieutenant P. Murphy, participated in Integrated ACE 91 conducted aboard Yuma, Arizona. A challenging exercise, Integrated ACE 91 exposed Battery A to truly Integrated Air Defense System (IADS) and was as excellent opportunity to exercise the Marine Air Command and Control System (MACCS).

From 12 to 19 August Battery B once again deployed to Onslow Beach, North Carolina to participate in Supporting Arms Training Exercise (SATEX) 1-91. This exercise provided over 400 live tracking opportunities for the battery.

From 3 to 13 September the 3d Light Antiaircraft Missile Battalion held a much needed maintenance standdown. The maintenance standdown was a success as Marines diligently worked to bring the battalion's equipment up to a satisfactory level.

On 13 September Battery A provided support for Capabilities Exercise (CAPEX) aboard MCB Camp Lejeune, North Carolina.

From 1 to 4 October 1991 the 3d Light Antiaircraft Missile Battalion conducted "GRUNTEX", an intensive week of BST training and leadership exercises. The exercise proved to be a success as it placed junior Marines in circumstances requiring immediate and timely decisions. The GRUNTEX culminated with a field meet focusing on most of the classes taught. Battery A won the field meet.

On 5 October Battery B sent a firing platoon to Morehead City, North Carolina to participate in the Morehead Seafood Festival and again sent a firing platoon to participate in a CAPEX aboard Camp Lejeune, North Carolina on 7 October.

The 3d Light Antiaircraft Missile Battalion sponsored a family day on 2 November 1991. This marked the first family day for the Battalion since its return from South West Asia. It was a fun day for all involved. Many activities were planned which involved the Marines and their families. Lieutenant Colonel Boros took the plunge in the dunking booth an extraordinary number of times as Marines and their families enjoyed throwing the softballs at the dunking booth target.

On 5 November Headquarters and Service Battery and platoons from both Batteries "A" and "B" participated in MACCS Integrated System Training Exercise (MISTEX). MISTEX, a simulated combat exercise, was conducted in garrison aboard MCAS Cherry Point. MISTEX was especially beneficial to tactical officers, radar operators, and communications personnel. In an effort to involve more Marines, internal training requirements such as missile handling and simulated NBC spray attacks were added.

From 2-8 Dec 3rd Light Antiaircraft Missile Battalion participated in SATEX 1-92, a combat training exercise using 2d Division and 2d MAW assets to include all agencies of MACG-28. The exercise was conducted on the Eastern North Carolina coast, 1st Platoon Battery A was located at Radio Island and 1st Platoon Battery B was located at Atlantic Field.

On 19 Dec 3rd Light Anti-Aircraft Missile Battalion celebrated its 53rd anniversary, a short ceremony was followed by an "open-house" with-in the Battalion. Families were encouraged to attend and get a first hand look at what the Marines of the battalion do.

SEQUENTIAL LISTING OF EVENTS
Section 3

4 JUL	3d LAAM participates in Desert Storm Parade in Raleigh, NC
23-31 Jul	Live HAWK missile firing exercise at Onslow Beach
5-29 Aug	Btry A, 1st Platoon deploys to Yuma, AZ for ACE-91
12-16 Aug	Btry B deploys to Onslow Beach for SATEX 1-92
3-27 Sep	3d LAAM Bn Maintenance Standdown
13 Sep	Btry A provides coverage for CAPEX
17 Sep	Btry A conducts Change of Command Ceremony
1-4 Oct	GRUNTEX
5 Oct	Btry B participates in Seafood Festival at Moorehead City
7 Oct	Btry B provides coverage for CAPEX
2 Nov	Family Day for all families of Bn Marines
5 Nov	MISTEX 1-92
2-8 Dec	SATEX 1-92
19 Dec	Battalion's 53rd Birthday

PERSONNEL ADMINISTRATION

The personnel administration office has undergone major changes since our return from Southwest Asia in April. We have a new personnel chief and two additional new SNCO's in the S-1.

The personnel section will experience a great deal of turnover during December in the Service Record Book section. With two experienced Service Record Book clerks leaving on permanent changes of station orders and no new clerks due in, the SRB section will be stretched pretty thin.

Even with the past turbulence and the coming changes, the personnel section will continue to provide the best support possible for the Marines of 3d LAAMBn.

LEGAL ACTION

During the period 1 July to 31 December the following legal proceedings involving Battalion personnel were conducted:

	Completed
General Court Martial	0
Special Court Martial	1
Summary Court Martial	0
Nonjudicial Punishment	40
JAG Manual Investigations	4

AWARDS

Navy Commendation Medal	2
Navy Achievement Medal	9
Certificate of Commendation	23
Meritorious Mast	21

SUPPLY/LOGISTICS/FACILITIES

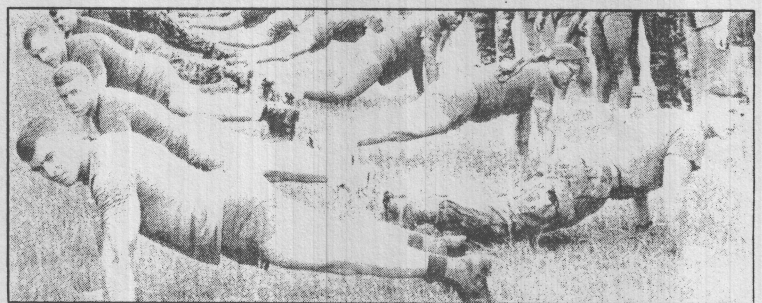
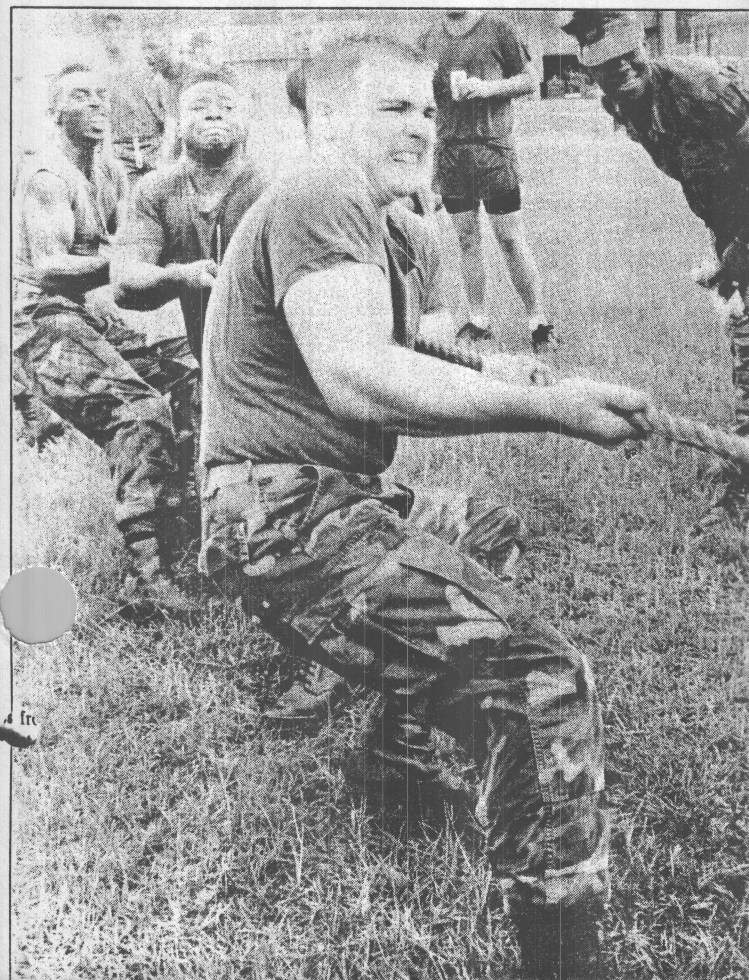
The Battalion's MARES equipment operational readiness and supply readiness rates for this period averaged 84.1% and 97.5% respectively.

SUPPORTING DOCUMENTS
Section 4

Item #1 MACG-28 Field Meet
Item #2 MACG-28 Field Meet
Item #3 Live Fire Exercise
Item #4 Sgt Ussery Wrestling
Item #5 3rd LAAMBn Field Meet
Item #6 3rd LAAMBn Field Meet
Item #7 HAWK in the Desert (Saudi Arabia)
Item #8 FIREX
Item #9 Battle Streamer attached to Colors
Item #10 Static Display



MICHAEL C. ABBRUZZESE, a HAWK systems operator with 3d Light Anti Aircraft Missile Battalion, Bravo Battery, does push-ups during a Marine Air Control Group-28 field meet, July 17. Abbruzzese is a 26-year-old native of Boston, Mass. (Suwat Ithipathachai photo)



LEATHERNECKS from Marine Air Support Squadron-1 prepare to grab the rope during the tug-o-war event at Marine Air Control Group-28's field meet, July 17. (Cpl. Suwat Ithipathachai photo)

Impromptu event decides winners

By Cpl. Suwat Ithipathachai, USMC

The sky was dark and threatened rain, but that didn't stop leathernecks from Marine Air Control Group-28 from having fun at their field meet.

The devil dogs recently competed against one another in the general purpose (GP) tent relay; six-man volleyball; 12 mile relay run; push-up contest; tug-of-war; shelter half relay; 200 yard HMMWV push; 120 yard fireman's carry; dizzy izzy; and the 100 yard administration field desk/typing relay at 3d Light Anti Aircraft Missile Battalion.

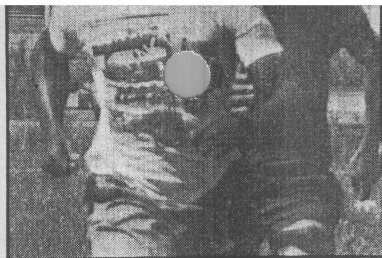
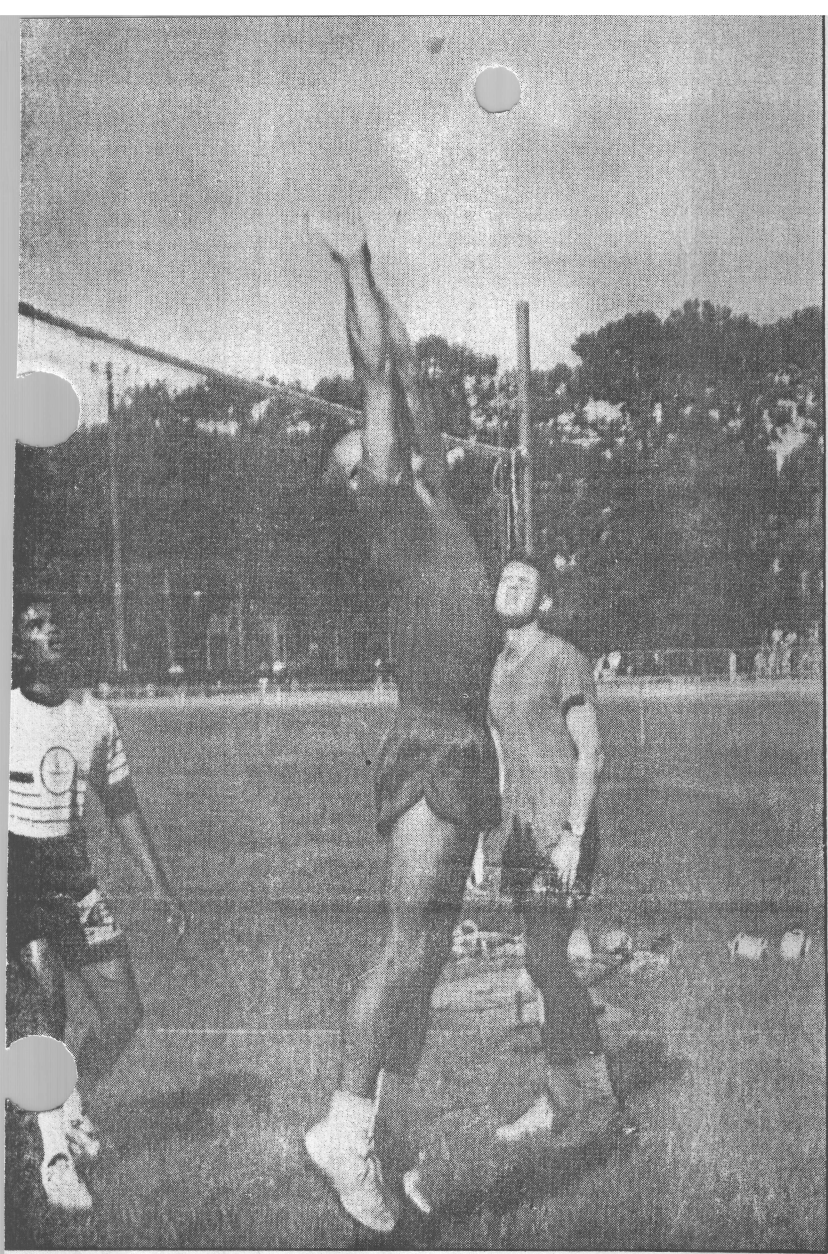
"The field meet was a chance for the group to build camaraderie since Marine Air Control Squadron-5 and Marine Air Traffic Control Squadron-28 were here from Beaufort, S.C. and New River for our change of command," said Col. Robert A. G. Berns, 2d Marine Aircraft Wing's chief of staff

quarters and Headquarters Squadron-28; Marine Air Support Squadron-1; MACS-6; 3d Light Anti Aircraft Missile Battalion; 2d Low Altitude Air Defense Battalion; MATCS-28 at MCAS New River; and MACS-5 at Beaufort, S.C.

After the scores were tallied, 2d LAAD and 3d LAAM were tied for first place. MWCS-28 took third place. The final 100 yard administration field desk/typing relay was the event that caused the tie, to the chagrin of the macho Marines.

That's when Col. Berns came up with the idea for the unit commanders to Indian leg wrestle to decide the winner of the meet. 2d LAAD barely won on the leg of LtCol. Rick Bartzler.

Not all of the Marines in the group understood what Indian leg wrestling was, so Col. Berns gave them a demonstration before the final confrontation.



PICKING UP the pace, leathernecks from 3d Light Anti Aircraft Missile Battalion run in the 400 meter relay race. (Cpl. Suwat Ithipathachai photo)

HAWK batteries enjoy high-spirited rivalries

By Cpl. Suwat Ithipathachai, USMC

Sweating profusely under the blazing sun, Marines from 3d Light Anti Aircraft Missile Battalion pitted teamwork, strategy, and athletic ability against one another at the old PFT field during their annual field meet, June 28.

This was the first time 3d LAAM was able to assemble the entire battalion for a unit activity since the beginning of the gulf crisis.

"Little by little, our troops have been pouring back into the battalion from ... the Middle East," said SgtMaj. David S. Nagorniak, the battalion sergeant major. "Now that we're all here, it's good to get some friendly competition started between the sections."

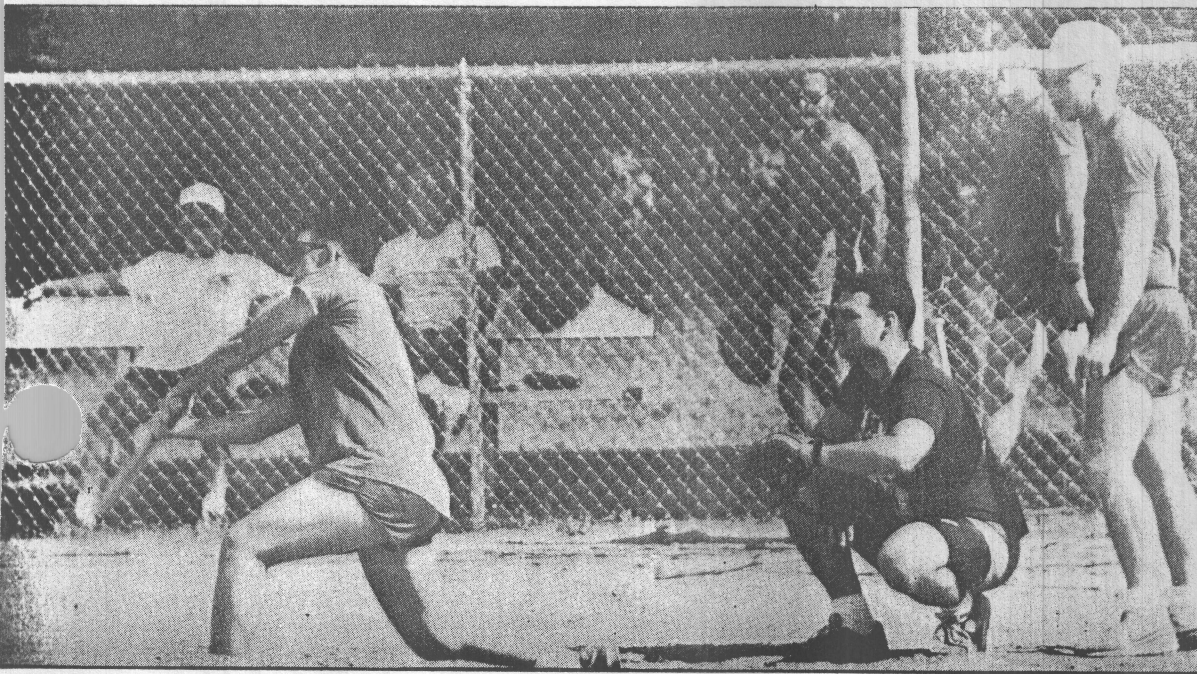
The battalion's 456 Marines were divided into four sections -- Alpha and Bravo batteries and a split Headquarters and Service Battery.

The Marines competed in softball, volleyball, and basketball shoot-out, horseshoes, a 400 meter relay, a three-mile run, pull-ups, the dizzy izzy, fireman's carry, and tug-of-war.

According to the sergeant major, the field meet was organized with more emphasis on team events rather than tactical related events because the battalion had experienced enough of those activities overseas.

The fight for top honors was fierce; Alpha Battery won with a final score of 67 points, Bravo Battery and H&S detachment tied for second with 64 points, and H&S came in last place. "The competition was so close, it came down to the final event, the tug-of-war, to determine the winner," concluded Nagorniak.

FROM 3d Light Anti Aircraft Missile Battalion battle it out on the volleyball court during their field meet. (Cpl. Suwat Ithipathachai photo)



A 3D LIGHT ANTI AIRCRAFT Missile Battalion Marine takes a swing. (Cpl. Suwat Ithipathachai photo)

Never having had a chance to test the hardware in *Operations Desert Shield* and *Desert Storm*, the only medium range anti-aircraft missile battalion in the 2d Marine Aircraft Wing finally blasted aerial targets out of the friendly skies off Camp Lejeune's Onslow Beach, recently.

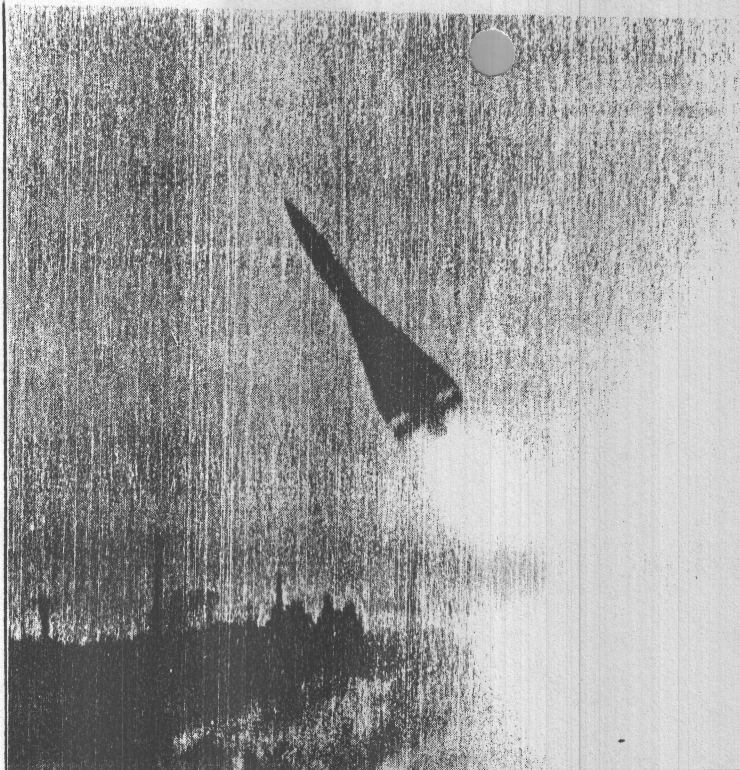
Seven Phase III, and two Phase II "Home All the Way Killers" (HAWK) were launched by 3d Light Anti Aircraft Missile Battalion to test the operators and the system itself. This was the first time the battalion has fired the Phase III system.

Since the system was dragged all over southwest Asia but never fired in the conflict, the operators were concerned about how it would perform. But that was then and this is now, said to SSgt. John R. Elkin, fire section chief, Alpha Battery.

"The Phase III HAWK is a great improvement over the Phase II system," said Cpl. James A. Wallington, a fire section maintenance man with Bravo Battery. "It's easier to use, more reliable, and faster."

The new system doesn't use bulky cables, can operate an additional launcher, takes one less person to operate, and has an improved electronic counter-measure (ECCM) system over the old system. When enemy aircraft attempt to jam the HAWK, the ECCM enables it to maintain lock.

"Since the exercise, I have no doubt about the system's combat readiness," Elkin said. "We were able to fire eight out of nine



A "HOME ALL THE WAY KILLER" radar-guided anti-aircraft missile streaks to its target at Onslow Beach, Marine Corps Base Camp Lejeune. 3d Light Anti Aircraft Missile Battalion recently fired nine missiles during their live fire exercise. (Cpl. Suwat Ittipathachai photo)

SEE MISSILE PAGE 18

ITEM #3: LIVE FIRE EXERCISE WINDSOCK ISSUE

Marine wrestler brings home 5 years experience

Tim Flack, USMC

It doesn't squeak on the wooden floor like basketball players struggle to get their game. Loud music blares in the background, class dances, jumping and running into shape. The noise of the fun going on around them, a handful of men push each other to the limit, "fighting" each other in short, violent battles, until they are so tired they can barely move. These are the Cherry Point wrestlers, training themselves for the next wrestling season and thanks to one All-Marine wrestler, they're shaping up

Silas K. Ussery, a 3d Light Anti Aircraft Missile Battalion Marine, is a veteran of the All-Marine Wrestling Team and the force behind the training of these wrestlers.

Ussery has been wrestling 16 years ago, starting at junior high school in North Carolina. He continued to wrestle through high school, excelling in the

All-County, All-State and every other title I could have been in high school. Ussery. "I stopped wrestling about those titles, and began to focus on 'most consecutive' and 'most wins.'"

When he was a junior in high school, he was a member of the Junior National Team, competing against wrestlers from Iran, Japan and Poland. He wrestled in the 105 1/2-lbs. weight class and won.

These early experiences caught the eye of the local colleges, and Ussery took a full scholarship to Brockport State University in New York.

After wrestling for two years at the college, Ussery sat down for a heart-to-heart talk with his mother.

"She told me the truth about what was happening," he said. "I was more concerned with partying and wrestling than I was with my school work. She told me I was wasting the scholarship money someone else could be using -- and she was right."

Ussery quit college and joined the Marine Corps, unaware of the heights he was yet to climb.

"I decided to wrestle for one of the services, and I knew the Corps had the

number one team," he said. "I wanted to be the best, so it was the logical choice."

Ussery made the All-Marine team in '85, the first year he tried out.

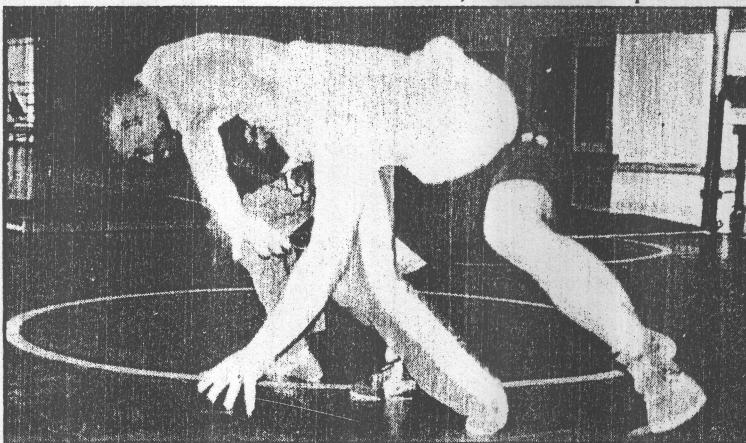
"The All-Marine camp was extremely intense," he said. "I learned more in the three months I was there than I did in four years of high school."

He attributed a lot of the learning to the level of wrestlers who are on the team. Ussery had to quickly transition from college-level wrestling to competing against national champions.

"The atmosphere at camp is great," he said. "The guys who are at these amazingly high levels don't look down at anyone else. They want a team championship, not just individual victories."

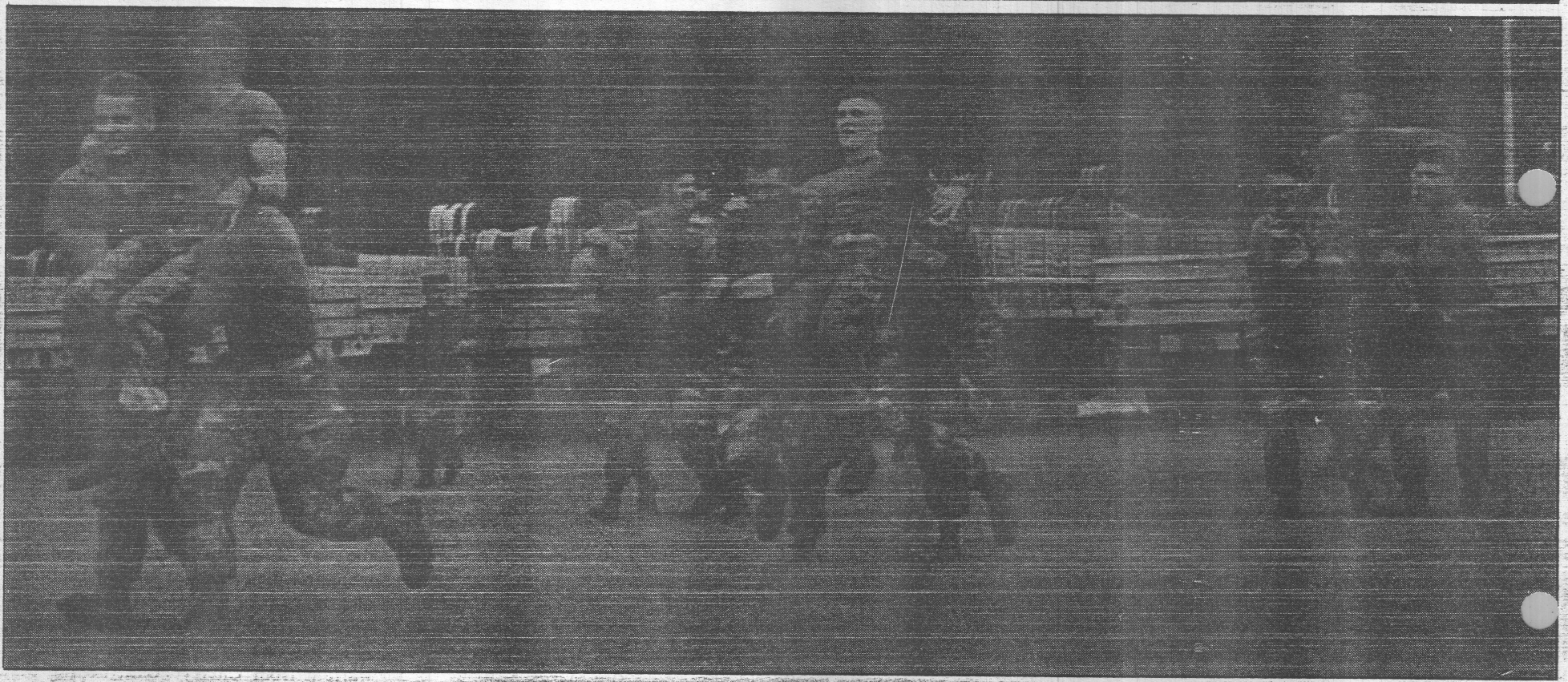
Since '85, Ussery has only missed being on the All-Marine team one year, and that was due to operational commitments.

Ussery has wrestled in more tournaments than he can list. The Nationals, a final stepping-stone toward the Olympic trials, and The Concord, an international competition against wrestlers from eight different countries, stand out, but they're not his top achievement. In 1988, Ussery was rated the third best wrestler in the country for

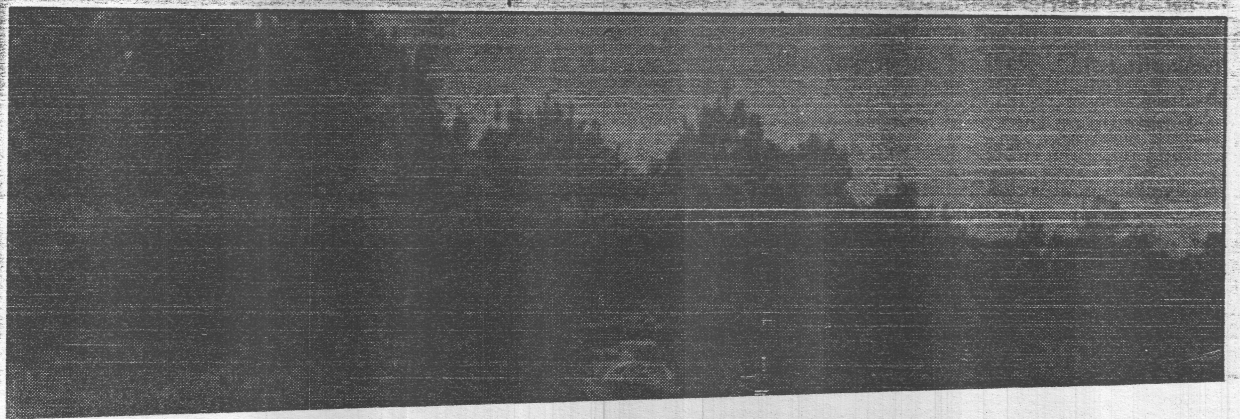


SILAS K. USSERY (left) is about to "take-down" Ernesto Carabajal during a recent wrestling practice. (Cpl. Tim Flack photo)

SEE WRESTLER PAGE 7B



3D LAAM MARINES participate in a casualty evacuation relay race during the battalion field meet. (Sgt. Bryan Hinch photo)



ENCLOSURE (4)

SGT. LARON BROCKS pulls a "casualty," Cpl. Lenton Hatten, through the low crawl obstacles on the Small Unit Leadership Evaluation Course. (Sgt. Bryan Hinch photo)

Training breaks everyday routine

By Sgt. Bryan Hinch, USMC

Marines of 3d Light Anti-Aircraft Missile Battalion took a break from their normal routine for a week of battle skills training during "Grunt-Ex," Sept. 30 through Oct. 4.

The Marines received practical and classroom instruction in squad tactics, defensive operations, crew-served weapons, calls for fire and hand-to-hand combat.

"We conduct this type of training at least once a year for all gunnery sergeants and below," said Capt. Steve Hubble, operations officer at 3d LAAM. "We want to refresh the basic infantry skills that every Marine should know."

One of the highlights of the exercise was the Small Unit Leadership Evaluation Course. The course consisted of 18 obstacles.

"The course is designed to test leadership skills in a tactical situation," said 2nd Lt. Jose Borja, an evaluator on the course.

"It's been really interesting, but physically demanding," said LCpl Jeffrey Williams, who had just completed an obstacle as the squad leader. "The toughest obstacle was the low crawl, where we had to drag 'casualties' through a mud-filled ditch, under barbed wire. It's been fun, though."

The 3d LAAM Marines had a chance to test their newly refined skills at a battalion field meet Oct. 3. Events included a shelter-half relay, gas mask "dizzy izzy," and crew-served weapons relay. Alpha Battery took top honors overall.



LCPL. RAYMOND ELWOOD "winds up" for the "Dizzy Izzy." (Sgt. Bryan Hinch photo)

HAWK IN DESERT STORM

"Light enough to get there, heavy enough to win."
Gen. Al Gray, USMC, 29th Commandant of the Marine Corps

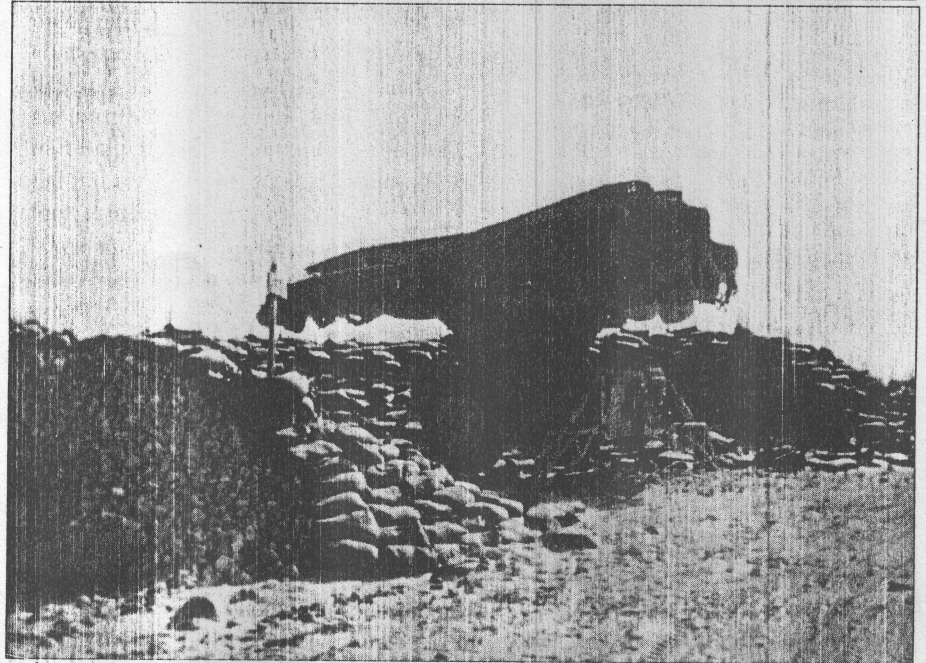
HAWK Phase III, deployed in 1989. This latest version of the combat-proven HAWK air defense guided missile system was deployed in Operation Desert Storm by U.S. Marine Corps Expeditionary Forces. The 2nd and 3rd Light Antiaircraft Missile Battalions were the first U.S. HAWK units deployed.

HAWK provides low-to-medium altitude air defense against tactical aircraft, helicopters, and cruise missiles. In Operation Desert Storm the Marine Expeditionary Force deployed HAWK to provide forward area air defense for lead elements of its ground forces. The U.S. Army also deployed HAWK in an Air Defense Task Force which interoperated with Patriot to provide high altitude air defense and tactical ballistic missile defense.

A HAWK Phase III Battery utilizes digital technology and solid-state electronics to significantly enhance operations in severe electronic countermeasure environments and increases system firepower with a feature called LASHE (Low Altitude Simultaneous HAWK Engagement). LASHE allows the engagement of multiple targets conducting saturation raids against maneuver forces and critical assets.

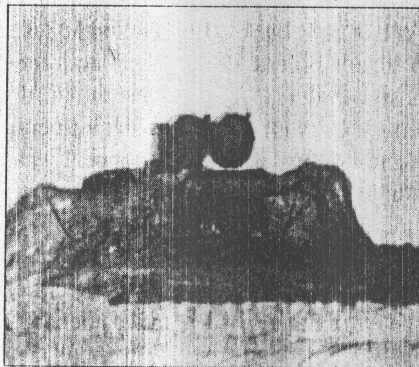
In Desert Storm, U.S. Marine forward deployed HAWK units provided remote target information to Stinger missile gunners by transmitting HAWK sensor data to the Stinger operators. Effective Stinger cueing with HAWK Phase III is made possible by interfacing HAWK Phase III electronics with ruggedized portable computers and frequency hopping radios.

The desert environment of Southwest Asia was harsh on both men and equipment. Wind-driven sand, extreme



HAWK missiles, as shown above, were deployed with the Marines in Southwest Asia as part of Desert Storm

temperatures (ranging from freezing up to 130 Fahrenheit), along with frequent tactical moves over rough terrain were experienced. The HAWK system was required to operate 24 hours a day, seven days a week and the system met these requirements superbly. HAWK Phase III's exceptional availability and reliability is accomplished by stand-



HAWK tracking radar deployed in Operation Desert Storm.

ardization of components, fewer repair parts, and embedded computer-aided fault isolation.

A major improvement now under full-scale Engineering Development is the HAWK Mobility Survivability Enhancement Program. The frequent moves and distances travelled by the HAWK units during Operation Desert Storm emphasized the requirement for HAWK Mobility. With it, HAWK will be much more capable of rapidly emplacing and displacing to provide air defense coverage for the Marine Corps forces.

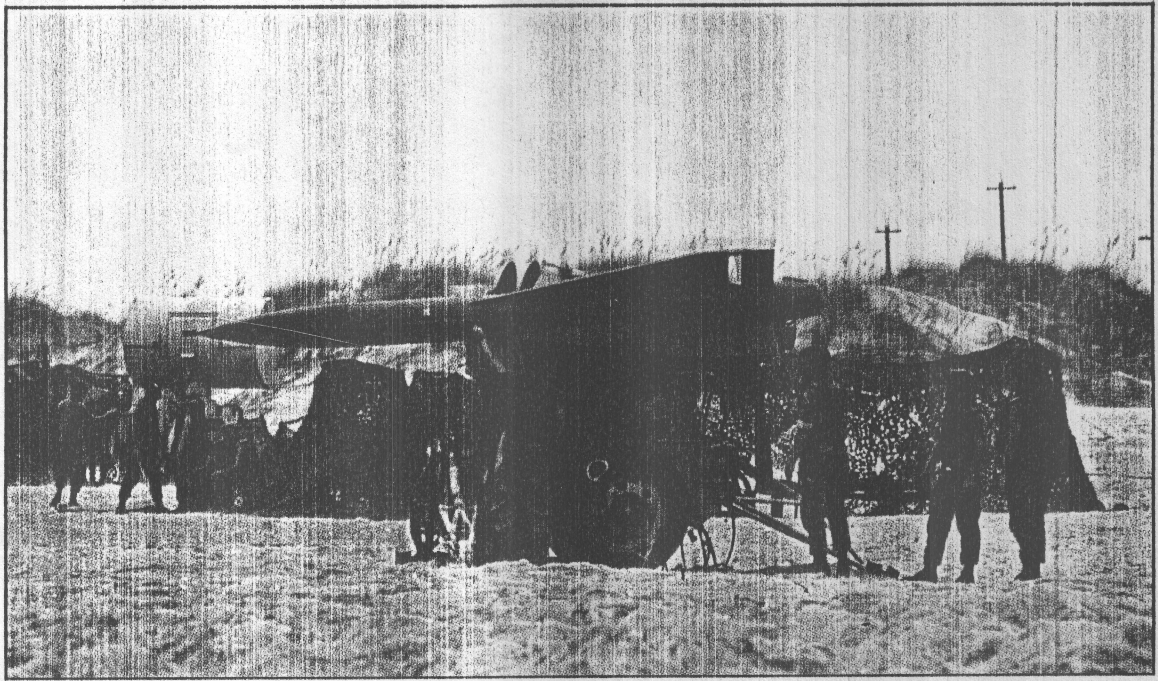
HAWK and the Marines: A mature combat-proven system; well-trained and dedicated. A winning combination streamlined to protect Marine Corps Expeditionary Forces and meet the goal stated by General Gray, "Light enough to get there, heavy enough to win."★

(AWR) AMPHIBIOUS WARFARE REVIEW OCTOBER 1991

ITEM #7: HAWK IN THE DESERT
AMPHIBIOUS WARFARE REVIEW

ENCLOSURE (4)
SUMMER 1990

Marines from Btry B, 3d LAAM Bn, prepare a HAWK radar-guided, anti-aircraft missile for a live fire exercise at Camp Lejeune's Onslow Beach.



Marines Test-Fire New HAWKs

Story and Photos by
Cpl. Suwat Ithipathachai
MCAS Cherry Point, N.C.

Never having had a chance to test their hardware in Operations Desert Shield and Desert Storm, the only medium-range anti-aircraft missile battalion in the 2nd MAW finally blasted aerial targets out of the friendly skies off Camp Lejeune's Onslow Beach.

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The new system doesn't use bulky cables, can operate an additional launcher, takes one less person to operate, and has an improved electronic counter-countermeasure (ECCM) system over the

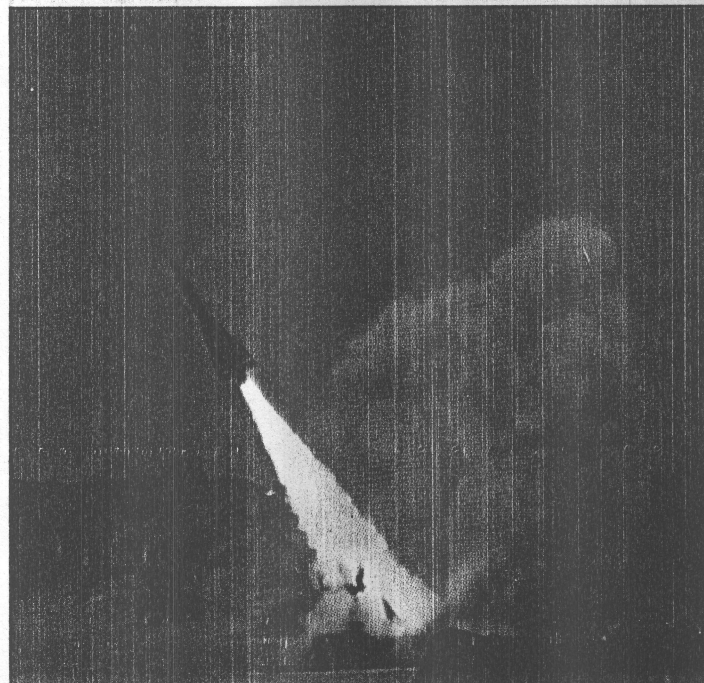
old system. When enemy aircraft attempt to jam the HAWK, the ECCM enables it to maintain lock.

"Since the exercise, I have no doubt about the system's combat readiness," Elkin said. "We were able to fire eight out of nine missiles on the first day, and I've never seen that type of ratio since I've been in the Marine Corps."

Each 1,400-pound, 16-foot, six-inch missile traveled over Mach 2 (twice the

speed of sound), and blew up towed targets over 25 miles away. These targets were pulled through the air by drones — pilotless remote-controlled aircraft that flew a variety of attack patterns to simulate hostile incoming planes.

"The exercise increases our technical proficiency," said Elkin. "It also builds confidence and morale, because our Marines can tangibly see their efforts." □



A HAWK missile streaks to its target at MCB Camp Lejeune's Onslow Beach. 3rd LAAM recently fired nine missiles during a live fire exercise.

ENCLOSURE (4)

Battle streamer



2D MARINE AIRCRAFT WING Commanding General MGen. R.D. Hearney, center, attaches a battle streamer to the 2d Low Altitude Air Defense Battalion colors here Nov. 7. The new streamer was presented for the battalion's participation during Operations Desert Storm. (LCpl. Daniel C. Hottle)

10B Windsock
November 27, 1991



Hawk missiles

MARINES FROM ALPHA BATTERY, 3d Light Anti Aircraft Missile Battalion set up Home All the Way Killer (HAWK) missiles for static display in support of Veterans Day at Kill Devil Hills, N.C. Three Marines from 2d Low Altitude Air Defense Battalion joined the static display with their Stinger anti-aircraft missiles. BGen. Walter Boomer, CG MCCDC, Quantico, Va was guest speaker at this year's annual parade. (Cpl. Suwat Ithipathachai photo)