

Shillelagh Decade Ends



SHILLELAGH FAMILY PORTRAIT—Most of the men and women who wrote the Shillelagh success story assemble as a team for the last time. After today, Shillelagh is no longer a project office at the Army Missile Command. Occasion for this gathering was a "Shillelagh Day"

ceremony at Redstone Arsenal on June 9. Amid much good-natured kidding and reminiscing about days gone by, these Shillelagh folks posed for a picture and highlighted the day with a luncheon at the Redstone Arsenal Officers Open Mess. (Almost completely obscured by bodies is the Sheridan-vehicle). (More stories on page 8 and 9)

Project Office Closes Today

"You might as well call it Revlon," the disappointed reporter said.

"It may be a guided missile," he continued, shaking his head slowly from side to side, "but it looks exactly like a tube of lipstick."

The unhappy reporter took another look. It was a day in 1963, and he held in his hand the first photograph authorized for public release of a new Army missile.

There had been guarded public announcements about it for almost four years, all couched in the terse language used for official reports of contract awards. Now, at last, here was a picture.

What he saw was a small cylinder with black stripes. Its base was flat. The opposite end, painted red, blended into a rounded, almost blunt, ogive.

"This," the newsman said, tapping the photograph for emphasis while he talked to the man who handed it to him, "this is as sexy as a box of cornflakes. What did you say you call this thing?"

"Shillelagh," the man replied.

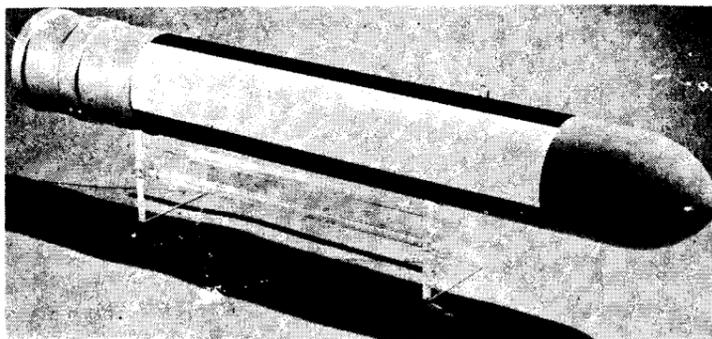
The little missile in the plain Army green wrappers—the gaudy black, white and red color scheme was used for tracking purposes in early R&D flights—did lack the glamor of the big missiles (See SHILLELAGH, on page 3)

Attorney General Visits

John N. Mitchell, Attorney General of the United States, visited MMCS Friday, held a press conference in Toftoy Hall auditorium, and was given a tour and briefing of the school's hazardous devices training facility. It was all part of his visit to Huntsville to speak before the

Alabama State Bar Association's annual convention Friday evening.

In the hazardous devices area, Mitchell inspected equipment used for training public safety officers from local and state agencies in dealing with bomb threats and illegal use of explosives. He also (See ATTORNEY, on page 3)



NEW TUBE OF LIPSTICK? . . . No, they called it Shillelagh. . .

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Well Done

Col. Robert J. Proudfoot, the bespectacled West Virginian who was the last man to boss Shillelagh, says of his people: "They were real pros."

"As long as I'm at the Army Missile Command, I'll keep an eye on Shillelagh, and the outstanding people who worked for me," said Col. Proudfoot, who now is Lance project manager and has been nominated for promotion to brigadier general.

"It's impossible to just walk away and forget people like them."

Describing Shillelagh as a close knit "family" in which everyone knew what their colleagues were doing, Col. Proudfoot said ". . . this cooperation, and this togetherness, is what made the Shillelagh program such a success."

Not once during deployment of Shillelagh missiles and equipment has the Army had a serious complaint from the field about being caught short—either in equipment, scheduling, or delivery, Col. Proudfoot said.

"I think this is a glowing tribute not only to our people who designed Shillelagh but also to those who fielded and supported it."

Shillelagh performance has always been good but it continues to improve—both in engineering and training techniques, Col. Proudfoot added.

"I just want to say a hearty 'well-done!' to all who were part of the Shillelagh family and who played a major role in making Shillelagh go."

"They're a bunch of real pros."



NEW OFFICERS—The Junior Army Navy Guild Organization has new officers, installed at lunch at the Redstone Officers Open Mess last week during the annual Mother-Daughter luncheon. Left to right are: Kathy Huntzinger, hours chairman; Trish Bundy, corresponding secretary; Debbie Goodwin, recording secretary; Georgia Hopkins, president; Linda Haynes, second vice president; Cindy Speck, sergeant-at-arms. (Story inside.)

The Redstone Rocket

The Redstone Rocket is published weekly, on Wednesday. The publisher will receive editorial content for publication in the Rocket through the Information Office, Army Missile Command, Redstone Arsenal, Ala., 35809, Bldg. 5250, Room A-134, Extension 876-1400 or 876-1500.

All advertising copy and payments therefor are received by Mrs. Vergie Robinson, P. O. Box 346, Huntsville, Ala., 35804, telephone 534-4701, as representative of the publisher. Advertising deadline—both display and wantads—is 10 a.m. Monday before publication.

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for the Rocket are \$7.42 a year, or \$4.00 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 520, Huntsville, Ala. 35640.

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Rocket Ruminations

The little windflower, whose just opened eye, is blue as the spring heaven it gazes at. —Edward Everett

JULY 4, 1971, THE NATION'S BIG DAY

Sunday is a special day for every man, woman and child who can make claim to United States citizenship. Each of us will be observing it in our own way . . . at the annual picnic, fishing, shooting off a few bootleg firecrackers, or maybe on the job if circumstances require it.

Symbolic of the occasion, of course, is Old Glory waving in the breeze.

There are those who say tommyrot—or worse—to it all . . . our boys are dying daily on foreign soil in vain . . . our leadership is poor . . . drug abuse is ruining us . . . the Government is spending us into bankruptcy . . . our form of government is an experiment that didn't work. You've heard it all many times.

A few probably will attempt to burn the flag rather than join the parade of happy Americans who count their blessings and cadence as they march to hold the stars and stripes high. The sickness can be pinpointed easily enough.

There have been imperfections within our nation from the time of its conception, but we've made the trip from 1776 because a majority of the citizenry believed in the great dream and did something to help make it come true. The thought was expressed by Adlai Stevenson as a tribute to Eleanor Roosevelt: She'd rather light a candle than curse the darkness.

As we go about celebrating the 4th of July according to individual preference, let us pause long enough to rededicate ourselves to the principles on which the Declaration of Independence was based and ponder the words of some of our proved leaders of the past:

"Almighty God, we make our earnest prayer that Thou wilt hold the United States in Thy holy protection" —George Washington;

"We are not to expect to be translated from despotism to liberty in a featherbed" —Thomas Jefferson;

"I go for all sharing the privileges of the government who assist in bearing its burdens" —Abraham Lincoln;

"I wish to preach, not the doctrine of ignoble ease, but the doctrine of the strenuous life." —Theodore Roosevelt;

"The only thing we have to fear is fear itself" —Franklin D. Roosevelt;

"The responsibility of the great states is to serve and not to dominate the world" —Harry S. Truman;

"Ask not what your country can do for you but rather what you can do for your country" —John F. Kennedy.

Answers

(Editor's Note: The MICOM Information Office accepts job-related questions of general interest to all MICOM personnel, military and or civilian. Questions may be submitted by telephone, 876-4161 or 876-4400, or by arsenal mail to the Information Office, Rm. A-134, Bldg. 5250. This program is designed for questions of general interest. Personnel questions concerning a specific individual should go directly to the Civilian Personnel Division. Some of the questions and answers of general interest are selected for publication in The Rocket without names.)

No questions of general interest this week.

Army Awards Contract

The U.S. Army awarded a contract for \$1,701,200 to Hewlett-Packard Company for two automatic calibration systems for general purpose instrument calibration.

Hewlett Packard Company is located at Palo Alto, California.

The new systems will be used by the Army Metrology and Calibration Center in their work at the Army Missile Command. Negotiations were accomplished by staff members of the Procurement and Production Directorate.

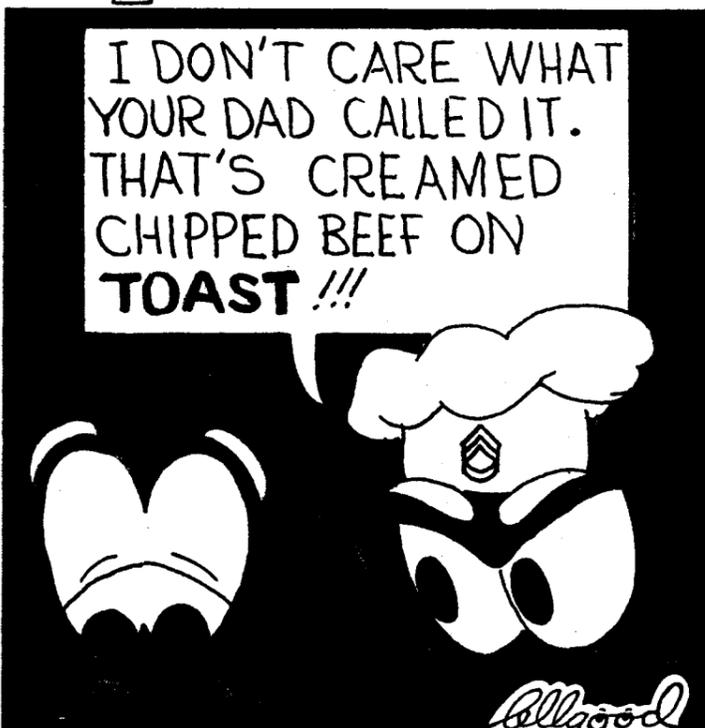
Huntsville Firm Gets Contract

The Army Missile Command has awarded to Ridge Instrument Co., Inc., of Huntsville a \$376,000 contract to support an Army military assistance program to Spain.

Terms of the contract call for the Huntsville company to buy and install equipment in a calibration van.

The Missile Command's Metrology and Calibration Center has technical supervision of the program under COL J.J. Walsh.

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(Continued From Page 1)

and space launch vehicles that dominated the news in the early 60's. It set no distance or altitude records, launched no astronauts or satellites.

Turned out all it could do was endure the hard knocks of service life in the turret of an armored vehicle, take the shock of launch from a tank cannon, assure a reasonably competent soldier he could hit, with his very first shot, any tank that he could see well enough to shoot at, and destroy any armored vehicle, existing or planned, that it hit.

That, the Army decided was plenty. When production ended this year, the unsexy Shillelagh had been turned out in greater quantity than any other Army guided missile. In service use throughout the world it is setting new standards for reliability and accuracy.

First of the Army's "Little" missiles, Shillelagh has been an unsung pioneer. It made quiet history.

Shillelagh's origins go back to the gee whiz age of guided missiles, the late 50's when first generation systems were demonstrating that missiles could hurl nuclear warheads great distances with accuracy or knock down high flying jet aircraft. They could do it, but the early systems were big. Most had a great deal of ground support equipment and a continuing need for tender loving care.

Searching for significant improvement for the main armament of armored vehicles, Army planners recognized that guided missiles offered better range, accuracy and lethality, if, and only if, those desirable characteristics could be combined in a system that also made significant breakthroughs in reliability, cost and size.

After a feasibility study begun in March 1958, the Army selected the Aeronutronic Division of Philco-Ford to initiate development of a Combat Vehicle Weapon System in June 1959, and named the new system Shillelagh.

No one recalls who picked that name. Whoever it was had to be keenly aware of what this new system had to do to make it. A wooden war club is about as reliable and trouble free as weapon systems get.

Management of the weapon system was assigned to predecessor elements of the Army Missile Command at Redstone.

Also in 1959 the Army approved military characteristics for a new type armored vehicle. Originally called AR/AAV (Armored Reconnaissance/Airborne Assault Vehicle), it was a radical departure from tradition. The AR/AAV was conceived as a high speed, relatively lightly armored scout vehicle that could, among other things, swim rivers and be air dropped in combat zones. It later was named General Sheridan. In September 1969, the Army decided to marry the Shillelagh system and the Sheridan vehicle, a fighting combination that looked like a tank, but wasn't, one that could go almost anywhere, defeat any enemy tank and scoot if things got too hot.

Well along in development by 1961, Shillelagh had run into technical problems. Standing between what technology allowed and what the Army wanted, the program managers at MICOM faced a tough decision. The objective of every weapons development program is a good missile system in the hands of troops. The pressures to get it there on schedule are enormous, but the men behind Shillelagh correctly decided it had to be right before they committed it to production. The development program was reoriented to applied research in December 1961 with the understanding of all concerned that its technical problems had to be solved, individually and collec-

EARLY DEADLINE

Because next Monday will be observed officially throughout the nation as the 4th of July Holiday, all news material for next week's Rocket must be in the MICOM Information Office by noon Friday. Routine meeting notices, etc., usually submitted each Friday, should be in by Noon Thursday to assure time for handling it.

tively, or Shillelagh was done.

There followed a year's intensive effort recalled with quiet pride by everyone involved and that included just about every one of MICOM R&D labs. As workdays at Redstone and the contractor's plant began to run into nights and then into weekends, more than one man got the kind of call one Shillelagh veteran at MICOM recalls.

It was sometime after 11 PM on a Wednesday night. His office phone rang. It was his wife. "I just wanted to tell you," she said, "that your house is still standing, your wife and children are in reasonably good health and unless your precious missile can cook, press pants and do the other things you hired me to do, you'd better come home."

By January 1963, Shillelagh was discovered alive, well and coming on like Gangbusters. It went back into full scale development.

The Shillelagh weapon system, by then was pretty well locked into shape, the now familiar missile configuration was determined by the requirement that the missile must be launched from the stubby 152 MM gun tube of the Sheridan vehicle. The same gun also fired a companion conventional round. The command guidance elements which steered the missile to its target had been packaged to go into the tight confines of the Sheridan vehicle.

Rocket boosted from the gun tube, the missile popped out four stabilizing fins as it emerged, and coasted—at supersonic speed—to the target. The gunner had to do one thing, keep his sight cross hairs aligned squarely on the point where he wanted the missile to hit. There was no need to lead a moving target, no need to estimate range, no need to allow for windage, no need to do all the things tank gunners traditionally had to do when firing conventional gun rounds.

Shillelagh showed, from the beginning of the firing test program, that it had the accuracy. The reporter who had called it

"Revlon" was one of several who whistled in quiet surprise when shown a film in late 1963 that included sequences from cameras mounted behind moving targets which recorded Shillelaghs hitting within an inch or two of dead center at long ranges.

Service tests soon proved that it also had the reliability and ruggedness to justify the name Shillelagh.

In June 1964, the Army gave the go ahead to extend the range of the missile after studies showed a substantial increase could be realized with relatively minor technical changes.

Later the same year, Shillelagh, which until then had been managed as a part of the Sheridan/Shillelagh program, became a project in its own right at MICOM as it became increasingly evident that the missile system could be employed on armored vehicles other than the Sheridan.

Production contracts were awarded in November 1964. The first missile began coming off the line in early 1966, followed within a few days by production guidance and control units.

Type classified Standard A on 23 June 1966, Shillelagh by then had been selected for retrofit to the Army main battle tank, the

M-60. Later it was chosen as the main armament for the eventual replacement for the M-60, now in development. It was initially deployed on the Sheridan in June 1967.

All of which pleased the military and civilian personnel at MICOM who managed the program for the Army, and their partners in industry at Newport Beach, California, the Lawndale and Burlington Army Missile Plants and the dozens of subcontractor facilities throughout the nation which supplied components of the system.

What pleased them even more, were the reports coming in from soldiers who had the system in service use. The troops, it developed, liked it and had confidence in the system.

One gunner at Ft. Knox hit 130 targets in 134 attempts.

Another at Ft. Hood, scored on two "targets" at more than a mile. His targets happened to be standard Army helmets, strapped to moving vehicles.

Shillelagh production ended early this year. The project office at the Missile Command—including people who have put a decade of their professional lives into Shillelagh—formally closes out today.

Other elements of the Missile Command will now assume management of the program supporting Shillelagh—armed soldiers throughout the world.

And the reports are still coming in. For example the M60 A1E2 tank firing the Shillelagh missile as its main armament is undergoing engineering and service test at Aberdeen Proving Grounds and Ft. Knox. Shillelagh missiles have ridden more than 2,000 miles in the tanks over a five months period. No change in

missile system reliability or performance was noted.

In summary, it comes down to this: Name: Shillelagh missile system; Born: 1959, Biographical sketch: problems as a youngster, grew up and went to work for the Army; Occupation: armored vehicle main armament; Performance Rating: Outstanding.

Conversations Continue With Commandant

The June Conversations with the Commandant will be broadcast June 30 and July 1, 2, 6, 7, and 8th. Program times are 1 and 4 p.m. on channel 6.

COL Gilbert P. Levy, Missile and Munitions Center and School commandant, sits down with lower grade enlisted men and junior grade officers to discuss questions submitted by the men of his command.

The monthly command information program began nearly five months ago when COL Levy started an experiment to attempt to "bridge the communications gap" between himself and the lower grade enlisted men and young officers of his command.

Attorney

(Continued From Page 1)

talked with instructors and learned of methods they use in training students under the program, which is sponsored by the Law Enforcement Assistance Administration.

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JANGOs Change Officers, Lunch

Last week the Junior Army Navy Guild Organization held a mother-daughter lunch at the Redstone Officers Open Mess and installed new officers for the coming year.

Among the special guests were LTC Marian O'Neill, Chief Nurse at the Army hospital operated by the Redstone Arsenal Medical Department Activities, and Mrs. Edwin I. Donley, wife of the Commanding General for the Army Missile Command.

The Redstone JANGOs are the only field organization outside the Washington, D.C., area in the continental U.S.

Officers for the coming year will be Georgia Hopkins, president; Barbara Miller, first vice president; Linda Haynes, second vice president; Debbie Goodwin, recording secretary; Trish Bundy, corresponding secretary; Ann Hazzard, treasurer, Cindy Speck,

sergeant-at-arms, and Kathy Huntzinger, hours chairman.

Mrs. J.T. Haynes has been serving as advisor to the JANGOs during the past year. At the lunch, she turned over her duties to Mrs. Bruce Patterson, and Claire Hamilton turned over the gavel to Georgia Hopkins.

The girls have the option of volunteering to serve either at the Post Hospital or the Dental Clinic. Much of the training is on the job.

New Arrivals

SSG and Mrs. Robert D. McElligott, girl, Caroline Choe, 8 Jun;

SP5 and Mrs. James F. LaBore, boy, Adam James, 7 Jun;

SFC and Mrs. Homer O. Cherry, girl, Audrey Ann, 6 Jun;

SP6 and Mrs. Willie E. Brown, boy, Darrell Lashawn, 14 Jun.



VACATION BIBLE SCHOOL—Several hundred children are taking part in the two week Vacation Bible School sponsored by the Redstone Arsenal Post Chapel. The Bible School will end this Friday. Mrs. Linda Feibelman (extreme right), a volunteer teacher, and Mrs. Joe Ford (second from right), the Bible School director, instruct Stacy Marlin (left), Ronnie Williams, Ginger Andrews, Lori Bogard, Mark Upton, Rodney Williams, Terry Porter, and Allen Reynolds.

BG Rachmeler

Reviews Troops

BG Louis Rachmeler, Deputy Commanding General of the Army Missile Command, served as reviewing officer at the Retreat Parade and Review Thursday afternoon at the Redstone Arsenal parade field.

Twenty-five men retired at the end of June, and those who so chose participated in the ceremonies.

CW4 James B. Cullum of the Safeguard Logistics Command is among the retirees. Eight Missile Command men end their active careers today: CW3 George K. Clardy, CW2 Dalton A. Powell, CSM William H. Rutherford, Jr., SFC Amparo B. Cadiente, SFC Frank H. Claxton, and SP6 Hint Hunter.

Those from the Missile and Munitions Center and School are covered in the school column each month.

NCO Wives Offer Two Scholarships

Two \$500 college scholarships will be awarded by the NCO Wives Club.

To qualify, applicants must be dependent children of non-commissioned officers assigned at Redstone Arsenal who have a letter of acceptance from an accredited college.

The two producing the best essays of 500 words or less on why he or she wants the scholarship will

receive the awards. Potential applicants are requested to contact Mrs. Roy Gilliam at 536-0662 as soon as possible.

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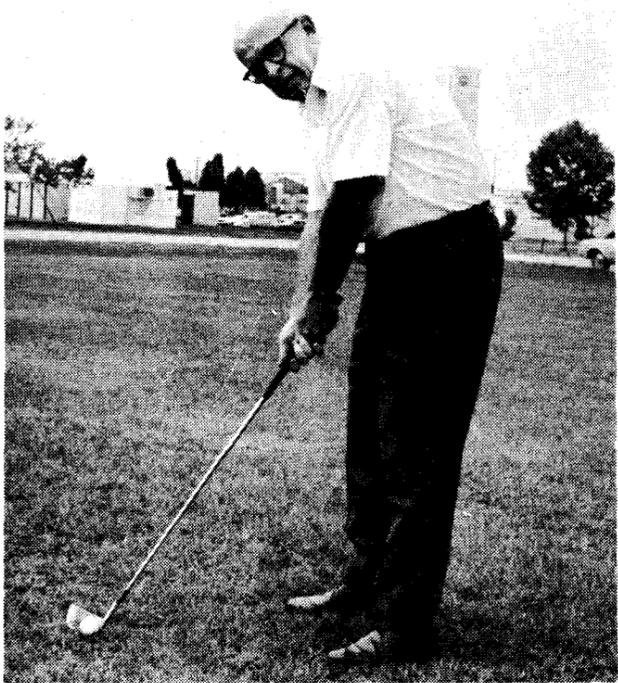
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NOT BAD FOR A SUB.—Grady Thrasher isn't a regular player in the P&P Golf League but after last week he just might be in action a little more often. Grady took over for M.C. Taylor and became the second league member to score a hole in one when he dropped his tee shot in the cup on the 17th hole at the Piedmont Par 3 course.

Bogeys Outdo Birdies Here

The Bogey Boys did it again—they took ten points from their opponents, the Divot Diggers this week to maintain their lead in the MMCS Golf League.

During the same afternoon of league play, a rules question cropped up on the match between the Hodge Podge and golfers of the Unit Training Command. As a result, all points from that match are held in abeyance until the league rules committee issues its decision Monday.

The Commandant's Toppers, meanwhile, narrowed their gap for first place by winning fourteen points from the Bullets.

The Marine Corps Lancers flagged this week and now hold fourth place, ten points behind the leaders.

Though the Redstone Arsenal Golf Club yielded no birdies to league golfers this week, the two stars for low net scores this week were Dick Smedstead and Ray Dussault.

Dussault's prize-winning nine holes came after a weekend of

deep-sea fishing, but he's not sure the sea air had anything to do with it. Looking sadly at his score card, he admitted that his best drive of the day was the one from his home to the golf course.

Golf Standings

	W	L
Bogey Boys	97	47
Hodge Podge	90	46
Toppers	90	54
Lancers	87	57
Parakeets	82	62
Divot Diggers	81	63
Lost Balls	80	64
Best Balls	79	65
Dots	77	67
Jets	69	75
Dutchmen	69	75
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Arrowheads	39	105
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Perkins-Laird Duo Top P&P Golf at the Half

The second half of the P&P Golf league schedule started the same as the first half and as far as Bill Perkins and Jim Laird are concerned, it might just as well end the same too.

The Perkins-Laird duo rode a

YSP Cards In City Playoff

The Redstone Cardinals go after the 13-year old championship of the Huntsville Parks and Playground junior baseball program today in the first round of a four-team playoff at the Davis Hills school.

The YSP nine qualified for the city-wide playoff by capturing the Southern League title with nine straight victories.

Mark Ikemire was the pitcher of record in a pair of wins last week to complete regular season play. One of the wins was picked up in a relief assignment while the other was a route-going one-hitter.

Against the Rebels, the Cards trailed most of the way and were on the short end of a 7-4 score going into the final inning. But four hits and a walk produced the win for

three point lead into the second half of the season at the Piedmont Par 3 course last week. Second place at the halfway point was a split decision with Homer Dew and Jerry Peters all even with the Jim Galbreath-Bill Lea tandem.

Grady Thrasher got the second half of the schedule swinging with the second hole in one of the year on Piedmont's 155-yard, 17 hole. The season opened with Les Fisk scoring an ace on the same hole.

Playing in a substitute role for M.C. Taylor, Thrasher teamed up with Stan Bennett in scoring a six-point sweep over Hugh Valentine and Cecil Bishop.

Ikemire who took over from John Doolittle an inning before the winning rally.

The other win, a 13-0 blanking of the Blossomwood Orioles, was Ikemire's show all the way once his mates staked him to a four-run lead in the first inning.



HAPPY 4TH—Mrs. Nell Karr, secretary in the Army Missile Command Modern Volunteer Army Project Office, does a little decorating for the 4th of July with a miniature American flag and an Army flag for the desk.

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July 3, 4 & 5

Redstone In Softball Split With Rucker

Gene Cagle Hurls First Win After Tough Defeat

Redstone broke into the win column for the first time in Third Army softball competition last Saturday but had to settle for an even split in the weekend series with Ft. Rucker.

A smashing 11-2 win over the South Alabamians snapped a winless string that reached seven the night before when Rucker scored a 7-4 victory in a 14-inning encounter.

The Arsenal athletes go to Ft. Campbell for another two-game set this weekend and will host Ft. McPherson in a return series the following weekend.

Gary Garcia settled the Saturday game in the very first inning with a two run homer after Ron Hall had doubled home the first run. The round tripper put Redstone in front by three and Gene Cagle saw to it that Rucker would be going home with no better than an even break.

The Redstone southpaw permitted just five hits and walked

a pair of batters in hurling the win. Cagle fanned nine Ruckerites along the way. Jim Means made his first appearance behind the bat and was rated the top defensive performer in the weekend set.

The Friday night loss was especially bitter for Jimmy Johnson who went all the way on the hill, striking out 15 and permitting just eight hits.

Johnson was on the verge of a 4-1 victory with two outs already recorded in the top of the seventh. But Rucker struck suddenly with three runs and had a fourth thrown out at the plate.

Both teams scored single runs in the eighth and then traded five scoreless stanzas before Rucker shoved four markers across in the 14th.

Bill Beckwith collected a pair of triples, Johnson aided his own cause with a brace of one basers, and each scored twice. Ron Simpson and Means joined the two-hit company as Redstone suffered their heart breaking setback.

DRUGS & LICENSES

The Government has announced plans to closely examine the half million licenses that manufacturers, dealers, researchers and doctors have for handling narcotics. The past process of automatic renewals will be replaced by hard scrutiny of each licensee.



KIRBY MOORE

Civilian Skeet Teams Sweep

Missile Command shooters scored another double in the latest round of action in the Pine Bluff skeet league last week with both the Reds and the Blues coming out on top of team matches.

The Blues swept all three points of their match with Boeing while the Reds were managing a 2-1 decision over Gyro Lab.

The Red win kept the Civilian Welfare Fund team locked in a tight three-way scramble for the league lead with the Marshall Center and the host Pine Bluff shooters. The improving Blue quartet stands fourth with seven wins out of a possible twelve.

Charles Lewis and Bill McCorkle each knocked down 48 of a possible 50 birds in leading the Blues to their clean sweep win. Jack Campbell and Ray Wisniewski added the final touch to the Boeing shutout.

The Reds followed the perfect 50-for-50 performance of Kirby Moore in outshooting the Gyro Lab. It was the second errorless run turned in by the team in four league matches.

Kelly Grider, who accounted for the other 50x50 feat, Bob Thomas and Bob Noack joined Moore in the Red victory.

Backward Skid Nipped In Bud

The Big Orange got back on the winning side of the ledger last week but the mysterious disappearance of their once vaunted batting attack continues unabated.

The Missile Command girls were only able to produce a half dozen runs against Safeguard left hander, Claudelle Griggs, but that was enough for a 6-5 win that brought a halt to a two-game skid that cost them first place in the Huntsville Womens Softball league.

Glenda Kidd provided most of the offensive fireworks with a threerun homer and a double. The latter sent another run home and gave MICOM a 6-3 lead into the

bottom of the seventh.

The ABM rallied for a pair of runs and had two runners on base with only one out when Kathy Leeth picked off a short fly to left and turned it into a game saving double play with a quick throw to third.

Frances Bogue handled the pitching in the absence of Gladys Hill and collected a pair of hits, the same as Sandy Miller.

The Safeguard pitcher collected three hits and Faye Tapper delivered the two last inning runs with a hard double to left center.

YSP BASEBALL

(Standings as of June 26)

Major League		Minor League	
W	L	W	L
Hercs	5	Falcons	4
Sprints	4	Lions	3
Ajax	4	Eagles	3
Hawks	4	Tigers	3
Nikes	3	Pirates	1
Rockets	3	Reds	1

NOTE: The Hercs have clinched the second half title and will play the Sprints, winners of the first half, for the league championship. The game is scheduled for Thursday, July 1.

Junior Girls		T-Ball	
Shellleaghs	4	Jets	3
Eagles	4	Tigers	2
Apollos	1	Pirates	0
Sluggers	0		4

CWF Softball

(Standings as of June 24)

	W	L
Ms1 Intell	12	1
C of E	11	2
RASA	11	3
MISD	10	4
Safeguard	6	8
Metrology	6	8
D & T	4	10
GEM	2	13
Communications	1	13

Last Week's Games

MIA, 8 — MISD, 7 (8 innings)
 C of E, 14 — Safeguard, 3
 RASA, 15 — Metrology, 8
 Metrology, 14 — Safeguard, 9
 D & T, 17 — GEM, 12
 MISD, 15 — C of E, 10

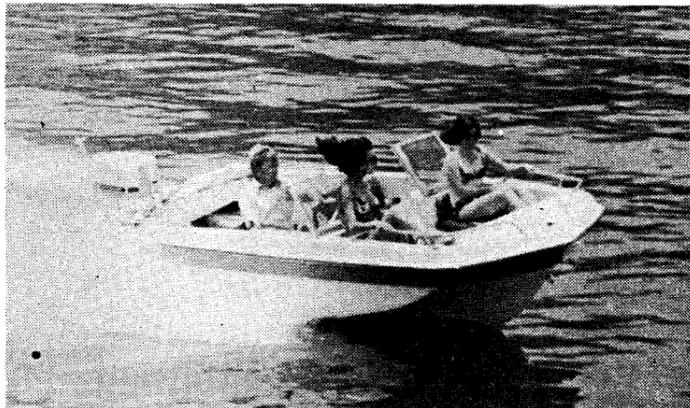
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ALL IN THE FAMILY—Frances and Greg Bogue had their day in Civilian Welfare Fund slo-pitch softball action last Tuesday, much to the chagrin of the athletes from Safeguard. Frances got the Missile Command girls back on the winning track with a 6-5 win while Greg was hurling the Corps of Engineers to a 14-3 win over Safeguard in the CWF League.

Foreign Students Catch, Cook Fish

Forty-five missile students from 10 nations in a fleet of six fishing boats invaded the Dauphin Island fishing resort last weekend for a full day of deep sea fishing in the Gulf of Mexico.

The allied missile students are studying missile repair and maintenance at the U.S. Army Missile and Munitions Center and School, Redstone Arsenal, Ala.

"If you think you have heard fishing tales about the one that got away, well you 'ain't heard nothing' until you hear about it in six different languages," said one of the tour escorts.

The students spent all day last Saturday fishing off the coast near Mobile. The fruits of whole day's labor on calm seas resulted in 37

red snappers, a baby shark and a dolphin.

Spanish Air Force members and a crew of others scoured the Dauphin Island beach Saturday evening for driftwood and cooked their day's catch over a bonfire to cap off the day.

The purpose of this fishing trip and other similar trips over the past few months is to give visiting foreign students a closer look at the American way of life. The primary mission of the Foreign Liaison Division, the sponsor, is to familiarize allied students with the American folkways and to ease the transition from their culture to ours.

Included under this information program are nearly 40 classroom

hours of instruction in American government, the host family program and guest speaker exchanges. Classroom instruction, films and guest speakers teach about the United States government and how it works. The host family program sets up a sponsor family for each foreign student who comes to Redstone. Foreign students visit high schools and other social groups as guest speakers to exchange ideas with civic groups.

The fishing trip to Dauphin Island last weekend climaxed a series of other recent tours taken over the past few months. Allied students have also visited Nashville's Grand Ole Opry, Six Flags over Georgia in Atlanta, Marineland and Cypress Gardens in Florida, and spent four days sightseeing in New Orleans.

Forty-five tired and sunburned allied students returned to Redstone Arsenal late Sunday evening a little more knowledgeable about one of America's popular forms of recreation.

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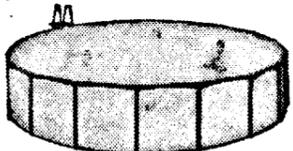


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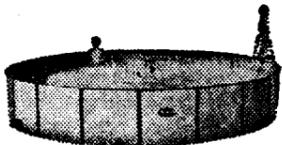
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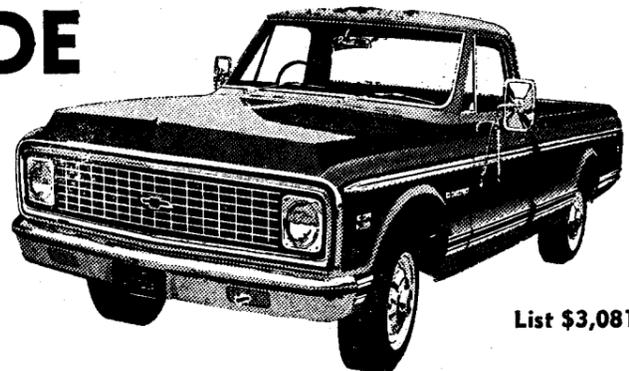
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Shillelagh Accuracy Is Legend

When grandpa talked about accuracy, he'd cackle and reminisce that "... I knowed a man, sonny, that could shoot the eyes out of a squirrel at 100 yards."

That feat, to the oldtimer, was the ultimate in marksmanship.

If anyone had boasted that a gunner could hit a headgear more than a mile away, grandpa would have said unequivocally; "yo're tetched in the haid."

But then-gramps never heard about Shillelagh.

Since the Army's tank killer began chewing the black out of bullseyes back in 1961, a few gunners have made the contest more sporting by shooting at—and hitting—ordinary helmets more than a mile away.

That kind of accuracy is what missilemen in the know talk about

when they refer to "Shillelagh accuracy."

And it is particularly noteworthy that, during the ensuing 10 years of Shillelagh testing at White Sands Missile Range, N.M., reliability has kept pace with accuracy.

More than 1,200 missiles were fired at White Sands during Shillelagh production days and the government, which tested samples from every lot of missiles before accepting them from the contractor, never once had to reject missiles.

The last batch of missiles to roll off the Aeronutronic production lines, about 13 in all, have just been fired successfully to end the Shillelagh proof and acceptance test phase.

All that remains is a 10 year program of surveillance testing

during which missiles will be fired to determine effects of storage on quality and performance.

Concluding the proof and acceptance firings, COL Robert J. Proudfoot, Shillelagh Project Manager, presented a missile to White Sands Missile Range for permanent display in the missile park there. Accepting for White Sands was COL Robert J. O'Leary, deputy commander.

Among observers from the Army Missile Command were Harold Ray, Jack Sanders, James Hughes and George Woodward, all of whom have played a key role in Shillelagh development and deployment.

Representing Aeronutronic was Louis F. Heilig, general manager and the Army Missile Test and Evaluation Command, COL Nelson

W. Tobey, director.

Highlights of Shillelagh firings include:

--First missile firing on April 20, 1961.

--First firing at a moving target, May 2, 1962.

--First firing from the M551

Sheridan vehicle, April 28, 1964.

--First firing from the M60 tank, Oct. 22, 1965.

--First firing from the MBT-70 April 18, 1969.

--Last firing of Shillelagh proof and acceptance missiles, May 24, 1971.

... Engineer Says ...

We Did Good Job

How do you sum up a decade of engineering accomplishments, know-how, pride and quiet satisfaction that stem from doing a good job?

"I can say it all with one word," one young engineer at the Army Missile Command reflected recently, "Shillelagh."

His eyes lit up and there was no mistaking the pride in his voice. "I think we did a whale of a job."

That eulogy, delivered with fervor and sincerity, is the swan song for Shillelagh which is no longer a project office at the Missile Command, effective today. The Army's weapon system, that had as its motto, "We measure our misses in inches," is now a commodity office which falls under the Special Items Management Office.

Shillelagh missiles no longer are produced and the people who wrote the Shillelagh success story for 10 years have, for the most part, channeled their talents into other Army missilery.

At peak production, the Shillelagh project office had nearly a hundred people. At the government-owned contractor plant in Lawndale, Calif., another 2,300 worked full time where Shillelagh was the highest produced missile in the Free World. And at Burlington, Iowa, more than 500 were employed and did final assembly of the missile and warhead.

Today, Lawndale and Burlington are closed. And only 12 people remain at Redstone to look after Shillelagh business.

The other project office people are scattered to the four winds. Several went to Safeguard. Some went to the Directorate for Research, Development, Engineering and Missile Systems Laboratory. A few went to SAM-D.

All, however, were placed or found good jobs.

Phasing back of Shillelagh comes scarcely more than 12 years after the program began as a small branch in what was then the Research and Development Directorate. That was in late 1958.

Management of the program was shifted to the Army Weapons Command at Rock Island, Ill., for a short time in 1963 but was moved back to the Missile Command and Shillelagh became a Project Office in September 1964.

Lt. Col. Robert M. Pearce was named the first Project Manager.

Only two other men subsequently held the Shillelagh reins. Colonel Spencer R. Baen was the second man, replacing Col. Pearce and Col. Robert J. Proudfoot was the last. Earl R. Edmondson was deputy to all three.

Not only was Shillelagh a leader in missile accuracy and reliability, but the project office recorded milestones that were firsts in Army weaponry. Among Shillelagh "firsts":

--First missile system to inaugurate "fly before buy." Shillelagh required the contractor to demonstrate missile performance before the Army would accept production missiles.

--First to introduce competitive procurement of the complete missile. Shillelagh selected and qualified a second source contractor to produce missiles, then had both submit competitive bids for missile contracts. That competition saved the government \$36.4 million in missile procurement.

--First to plan and implement a reliability test program throughout the life cycle of the weapon system.

--First missile system to be fired from a closed breech launcher which also can fire conventional ammunition.

There are other accomplishments to which Shillelagh missilemen point with pride.

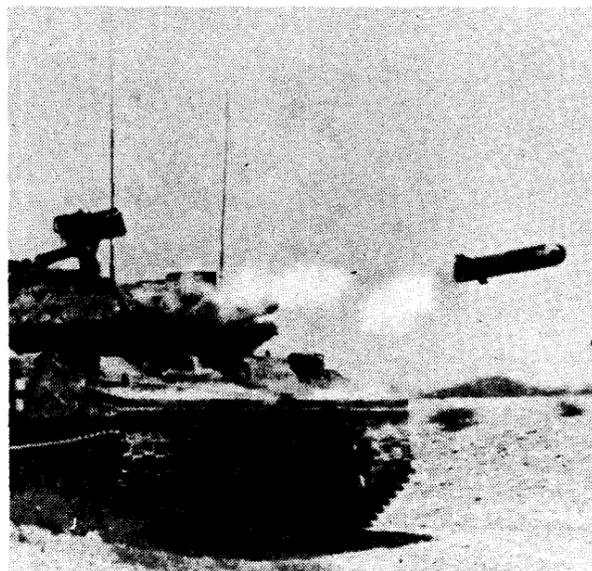
They recorded a cumulative savings of \$22.5 million through value engineering, \$7.1 million by the contractor and another \$15.4 million "in-house"; they had a remarkable safety record, losing no time because of accidents from Nov. 1964 to June 1970; they were one of the first to establish all phases of configuration management into a single configuration at repairable depot levels; they got the coveted Standard A designation on the first try.

How do you sum up a decade of your life's work?

"I think Shillelagh speaks for itself," one Shillelagh man said.



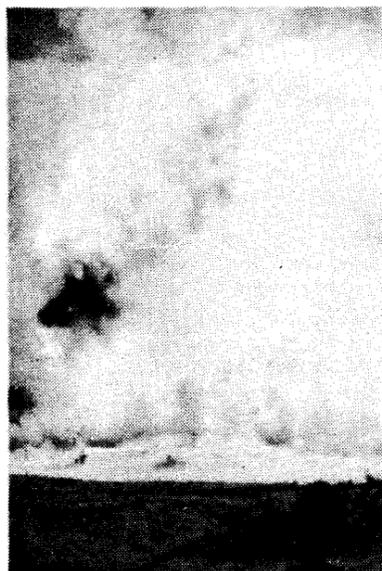
SHILLELAGH WAS A SHOW STEALER—Naomi Bradley, a Shillelagh secretary, shows only one of the many headlines Shillelagh made during its heyday at the Army Missile Command.



A FAMILIAR SIGHT WITH SHILLELAGH—This scene was repeated over and over again during firing of Shillelagh production rounds. Shillelagh's 152mm gun-launcher hurls a missile (left) which



travels unerringly to a target. Last scene shows what happens to a target on the receiving end of a Shillelagh missile.



ON DISPLAY AT THE MISSILE COMMAND, REDSTONE ARMY MISSILE CENTER, HEILIG



SPLAY AT WHITE SANDS — COL Robert J. Proudfoot, Shillelagh project manager, presents a missile to COL Robert J. O'Leary, Deputy Commander at White Sands Missile Range, N. M., for display in the outdoor missile park there. In background is Louis F. ... general manager of Aeronutronic. The presentation was made at the conclusion of ... firings.

The Newsmakers

Names make news and these are some of the names who made news with Shillelagh:

Project Managers: Col. Robert Pearce, Col. Spencer Baen, Col. Robert Proudfoot. Earl R. Edmondson served with all three as deputy project manager.

Edmondson, Don Simms and Jim Spencer were the three individuals most deeply involved in working out the "Fly Before Buy" concept which required the contractor to demonstrate satisfactory flight performance as the basis for government acceptance of production rounds.

George Woodward and John Daly were the project personnel most closely associated with the actions which saved \$36.4 million through competitive procurement.

Jim Hughes, Bob Wilson and Wally Thomas: managed the reliability and quality test program and the surveillance and maintainability programs.

Jack Sanders, Art Sims, Chuck Keathley, Don Bollenbacher and Mal Edwards established and ran the configuration control system which held increased costs of production hardware as a result of changes to two tenths of one percent of the total production hardware cost. The same group ran the value engineering program which validated total cumulative savings of \$22.5 million.

Col. Milton Sulkowski, Ed Harris, Jim Atkinson, Charles Montgomery, Ray Ellis, Jim Baughman, Lt. Allen Knowles and Don Watson, ran the project's operations involved in system deployment, supply and maintenance support.

Harold Ray managed the engineering and technical aspects of the system, an effort which, among other accomplishments, extended the missile's range at minimum cost.

George Scott: production terminations and production facility closeouts.

Jack O'Donel: propulsion and warhead development and technical aspects of Government furnished equipment activity.

Jim Huie, Wes Fitzpatrick and Gene Finch reoriented the conduct of fire trainer effort when MICOM assumed management responsibility from WECOM and the Naval Training Device Center.

Tom Allison, Tom Kennamer, Harry Yager, Charles Gray, Melvin Levkoff, Stan Stephen and Jim Service: managed the production program.

Mark Hunter, Demitt Smith, Elred Pate, Steve Kucharski, Charles Davidson and Joe Gambill: review and analysis.

Ray Hartsell, John Forbes, George Bittenbender, David Kite, Mary Cassell and Harvey White: prepared AMP's and performed the project's programming functions.

Wanda Burdine and Jo Ann Baker: administrative activities.

Vic Robertson: program management during the project closeout.

Howard Cox and Bob Keenum: engineering services program.

Fred Cheplen, George Sipes, Jim Bevel, Don Sandidge, Jim Blount, Bill Powers, Dick Lane and Bob Brown: interface and range test programs for the missile system on all vehicles at all locations.

Charles Gray, Preston Watts, Graves Bogel, Harold Epperly, Bob Toney, Fred Apple, Wiley Davis: R&D applications aspects.

Carolyn Moyers, Betty Hillhouse, Arnita Abney, Della George, Bonnie Cummings, Fay Underwood, Barbara Palmer, Charlotte Green, Jeanne Hajos, Nancy Robertson, Karen Tucker, Tereca Sutphin, Judy Tidwell and Regina Giambra: project secretaries.

Glenn Danner, Norman Noice, David Bozarth, Harvey Bryers, John Daly, John Burke and Dorothy Hinson: field office activity in various contractor facilities.

Cpt. Ron Hite, Lt. Dennis Hlavinka and Lt. Robert Stinchcum: review and analysis and briefings.

Harold Croskrey, Jack Faly and Tom Meade: staff office in Washington.



FIRST SHILLELAGH DELIVERY—Pointing at a Shillelagh missile, the first production line missile delivered to the Army, are officials who took part in the ceremony Feb. 1966, at the Burlington, Iowa facility. From left are John B. Lawson, vice president and general manager of Aeronutronic Division of Philco Ford Corporation; COL B.A. Saholsky, director of the Army Missile Command's Procurement and Production Directorate; and then LT COL Spencer R. Baen, Shillelagh Project Manager.



PASS THE AMMO—Soldiers take aboard the M60 tank a Shillelagh missile. In addition to the M60, Shillelagh has demonstrated compatibility with the M551 (General Sheridan Vehicle) and the MBT-70 (Main Battle Tank for the 1970s).

Correspondence Course Catalogue Has New Listing

The Fiscal Year 1972 Catalog of Correspondence Courses for Non-Resident Instruction at the Missile and Munitions Center and School is now available.

The new catalog provides information on eligibility, enrollment, the group study plan, and other information for prospective students.

One hundred and fifty-one subcourses are available, many of which were not previously avail-

able. The subcourses cover a variety of technical subjects from small arms ammunition to advanced missile systems electronics as well as a broad coverage of administrative and managerial subjects.

For active military personnel, successful completion provides one promotion point for every two hours of effort. For reserve component personnel one retirement point is earned for every

three hours. Each course takes from one to 29 hours to complete.

There's a subcourse for everyone — military or civilian, technician or secretary. Increased knowledge, higher MOS evaluation scores, and the accumulation of promotion points can be your rewards for calling 876-4798 or going to building 3341 and picking up your copy of the new catalog.

VA Benefits Time Table Told

Here's a time-table on benefits from the Veterans Administration for veterans, after their separation from military service.

The agency said a veteran has 10 days to notify any local Selective Service Board of his address, and 30 days to register if he did not do so before entering military service.

If a veteran wants his old job back, he has 90 days to apply to his former employer for re-employment.

He has 120 days to convert his Servicemen's Group Life Insurance (SGLI) to an individual policy without examination. If totally disabled at separation, a veteran has up to one year, if his condition does not change, to convert his insurance.

In either case, he must apply for the policy to one of the nearly 600 private companies participating in the SGLI program.

A veteran with a service-connected disability has one year from the date he receives his notice of service-connection to apply to VA for Service-Disabled Veterans Insurance.

He also has one year to apply for VA dental care, or to request unemployment compensation from his local state employment service.

Veterans have eight years from date of separation to apply for and receive educational assistance benefits, which terminate after that time.

For a veteran with a service

connected injury or disease, there is no time limit for applying for VA disability compensation, but in order to receive payments dated from the time of his separation from military service, he must apply within one year of separation.

There is no time limit for a veteran to be assisted by his local state employment service in finding a job or job training program.

Nor is there a time limit, to obtain hospital care, or to obtain a G. I. loan to buy, build, or improve a home or to buy a farm.

For more details, veterans should contact their local VA office, or local veterans service organization representatives.



REENLISTMENT ON HIGH—CPT Kenneth R. Spicer, left, looks over the aircraft log book with SP5 Rickey F. Deighan prior to takeoff. CPT Spicer was pilot of the UH-1D helicopter and SP5 Deighan went along as passenger and took the oath of enlistment 2,000 feet over Redstone Arsenal. Arrangements for the reenlistment ceremonies were made by SSG Carlos L. Gentry, Career Counselor for Army Missile Command.

Miller Joins Recruiter Staff

With the U.S. Army Missile Command reenlistment rate well over 100 per cent for the last six months, a new career counselor, SSG Roy F. Miller, has joined SSG Carlos L. Gentry in the MICOM Reenlistment Office.

Now the two counselors can provide faster service to soldiers considering reenlistment in the Modern Volunteer Army Program.

Actually the assignment of SSG Miller to the retention program brings two men who were competing against each other together in the same office. Both men were

assigned to the Missile and Munitions School and Center last September and both put in applications for the job of Career

Counselor with Missile Command.

Since there was only one position at the time, Miller and Gentry were competing for the job and Gentry got it. Eight months later the two men are now working together to keep the reenlistment rate over the 100 per cent mark.

SSG Miller has been at Redstone since March 1970 when he returned from a tour of duty in Vietnam.

Enlisting in the Army in Nov. 1960, Miller took his basic training at Fort Jackson, S.C. Trained as a Truckmaster, Miller served in Mainz, Germany; Fort Monmouth, N.J.; Fort Sheridan, Ill.; Fort Jackson, S.C.; Fort Richardson, Alaska; and two tours of duty in Vietnam.

A native of Horton, Ala., he attended Douglas High School, Douglas, Ala., from 1958 to 1960. While in the Army, Miller completed his General Education Development (GED) test and received his certificate of



SSG Roy F. Miller

graduation in 1970.

Miller is the son of Mr. and Mrs. Marvin Miller of Rt. 2, Horton, Ala.

He is married to the former Barbara A. Banks, daughter of Mr.

and Mrs. John A. Banks, 1444 Chippendale Rd., Charlotte, N.C.

The Millers have three children, Johnny, 8; Karen, 6; and Cheryl, 3.

For information on reenlistment, Call SSG Miller at 876-4078.

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THE SCINTILLATING STORY OF GYPSY ROSE LEE!
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10:00 A.M. to 10:00 P.M.
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presents their Original Cast in that Mouth-Watering Melodrama
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Starring
MISS MEATBALL & MR. SAUSAGE
ably assisted by MR. COLD CUTS
Tomatoes, Pickles and Onions, Salt, Pepper, Oregano and Our Special Oil
Italian Cold Cuts — Salami, Cappelicola, Provolone Cheese 1ge med .90 - .75
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HAM, SALAMI & CAPPICOLA — Terrific 1.00 - .85
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Corn Beef — cooked fresh in our kitchen, pre-seasoned .90 - .75
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Right Man Fits Right Niche

Most men are happy if they find a good environment to work in, the right job to do or the right company to work for. When a man finds all three he has hit the jackpot. Such a man is John D. Sands, a civilian employee of the Army Missile Command at Redstone Arsenal.

Sands, a driver for the Redstone Arsenal Support Activity's Post Transportation Division, has worked at the arsenal for 15 years. He came here as a soldier, liked Huntsville and its people so well that he and his wife decided to stay.

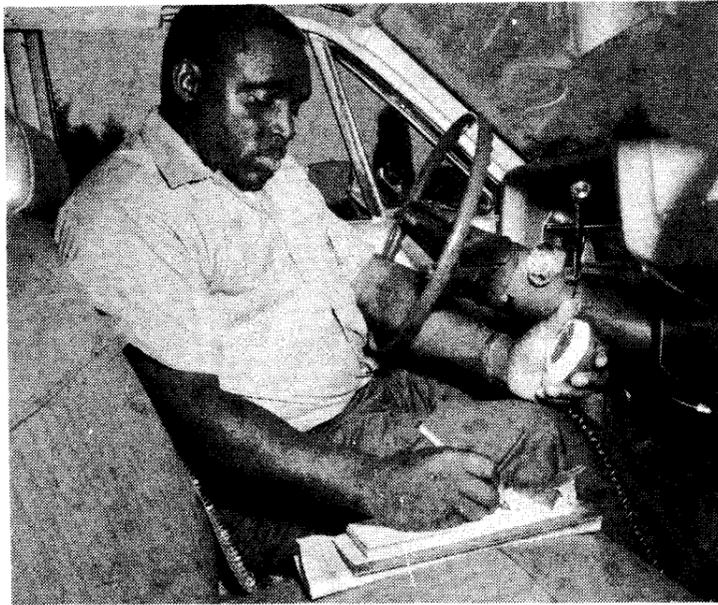
"Since I was just a boy, I have loved motor vehicles and the outdoors. The Army gives me the opportunity to work with cars, trucks and buses and the chance to work outdoors," said Sands.

"Every time I report for duty at Redstone, I am proud that I served my country and I am grateful for the opportunity to keep on serving her as a civilian. To me, working for the Army is a privilege, one that I treasure very much," said Sands who entered service in 1943 and became a civilian driver in 1957.

Currently, Sands is driving one of the military taxis which replaced the old bus system at Redstone. He is a strong advocate of driving safety. Sands firmly believes that a good driver must drive for three people, the driver in front, the driver in back and himself.

"It's a sad thing to say, but most people really don't believe that an automobile can hurt them. The graveyards are full of them. Our motor pool drivers attend safety conferences and see safety films which train them to recognize and avoid dangers. I believe this safety program benefits drivers and passengers alike because it helps keep them safe," said Sands, a native of Marietta, Georgia.

Driving a taxi at Redstone is not without its perils, however. Recently, Sands was driving a passenger to the Army airfield. His Taxi was passing a big trailer truck when a car suddenly pulled out in front of the truck. "The truck didn't see me be-



JOHN D. SANDS

cause I was in his blind spot. He started to cross into my lane, and I could not leave the road to get out of his way. I blew my horn and luckily he heard me. Together, we avoided a disastrous situation but not before his dual wheels had scraped paint off my cab from the rear fender to the front," said Sands. "I'm thankful that no one was hurt."

Sands dislikes drivers who travel around in dirty, unsafe

cars. He thinks that if people should have the right to drive then they ought to have the responsibility of keeping their vehicle safe.

"I believe that we would kill and maim fewer people, if more people put courtesy above all else in their driving. When a person drives courteously he is less likely to hurt himself or other drivers. That's the real secret of driving safely."

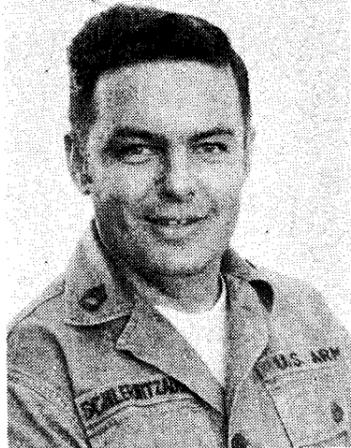
Promotion Took Time

When an organization is as big as the U.S. Army—over a million strong—someone's bound to get short-changed now and then. Such an organization ought to be "big" enough to admit its error, SFC Lawrence Schlernitzauer believes, and that's what the Army recently did in his case.

The sergeant, an instructor in the Hawk missile system at MMCS, was the victim of an administrative error early in 1970 while stationed on Okinawa. The mixup resulted in his being passed over for promotion to his present rank even though he met all the

requirements for advancement to the new grade.

A 14-year Army veteran, Schlernitzauer didn't let the



SFC Schlernitzauer

matter just drop, though. He followed through by bringing his grievance before successively higher authorities and overcoming hurdles that might have halted others. The other day his efforts paid off as his new chevrons were pinned on in a promotion ceremony.

That's not the whole story, though. Just as gratifying for Schlernitzauer, if not more so, was the fact that the Army made his promotion effective Feb. 26, 1970, the date on which he would have been promoted if matters had gone correctly in the first place.

The retroactive promotion was made possible by a favorable decision from the Board for Correction of Military Records at the Pentagon, which, in turn, was given final approval by Under Secretary of the Army Thaddeus R. Beal.

And the upshot of it all for SGT Schlernitzauer is that he'll be collecting some \$1300 in backpay, a tidy sum in anyone's book. That windfall, on top of the satisfaction of having "the system" admit its error, has helped repay him for his troubles.

Drive
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Post Theatre

TUESDAY, July 6
"Puzzle of a Downfall Child" (R)
Two shows nightly at 6:00 and 8:30 p.m. Sunday matinee at 2:00 p.m.

WEDNESDAY, June 30
"The Blood on Satan's Claw" (R)
THURSDAY-FRIDAY, July 1-2
"The Reivers" (GP)
INCREASED ADMISSION: adults 50c, children 25c
SATURDAY, July 3
"The Out of Towners" (G)
SUNDAY-MONDAY, July 4-5
"The Andromeda Strain" (G)
INCREASED ADMISSION: adults 75c, children 25c

MOVIE RATINGS FOR PARENTS AND YOUNG PEOPLE

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

G ALL AGES ADMITTED
General Audiences

GP ALL AGES ADMITTED
Parental Guidance Suggested

R RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

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WEDNESDAY MATINEE 2:00 P.M.
SAT. & SUN.: 2:06—3:51—5:36—7:21—9:06

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FEATURES—MON.-FRI. 7:26—9:09
WEDNESDAY MATINEE 2:00 P.M.
SAT. & SUN. 2:17—4:00—5:43—7:26—9:09

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NAMES IN THE NEWS

SP5 Jerry Berg

NEW CHIEF FOR "B" TROOPS
The reins of command at Co. B changed hands last week as CPT Gerald R. Townson turned the company over to CPT Kenneth R. Spicer, Jr. The new CO has been in the Army a little over three years and recently returned from a tour in Vietnam.

He spent most of his five and one half months there piloting a Cobra gunship for the 1st Aviation Brigade. Spicer, a native of Springboro, Ohio, received his commission through OCS and was here at the school once before, commanding Co. C and working in School Brigade S-3 in 1969.



CPT SPICER

Townson, meanwhile has taken over the duties of Brigade S-1 officer.

AND FOR 1ST ETC

The guidon of the 1st ETC also changed hands with CPT Herbert C. Feldmann taking command. The captain, a 1964 grad of the University of Buffalo in New York, spent the first four



CPT FELDMANN

years of his military career as an Air Force Officer. He switched to the Army in January, 1969, and served a year in Vietnam before coming to the Arsenal. Immediately before taking over the 1st, he spent six months working for MICOM.

2LT Richard L. Depuy, who commanded the 1st since October of last year, is new exec officer of 2nd Battalion and will be head-

ing for an RVN assignment in the near future.

ANOTHER NEW 'TOP'

While we're on the subject of changes in company personnel, a new "top kick" has taken over at HHC, School Brigade. He's 1SG Roy L. Henderson, former chief instructor in the Admin-

has four and one half years of Army service behind him, on top of a number of years in the Air Force. He's a graduate of our LCSS repair technician course and has also served as field first sergeant of the 6th ETC. Now with the 23rd Ordnance Detachment at UTC, Rutledge will be going to the 82nd Airborne at Fort Bragg in the near future.

MATTERS OF RANK

A new captain accepted his bars at OTD last Friday, then promptly departed for a pre-Vietnam leave in Charlotte, N. C., his hometown. CPT Frederick Martin recently re-entered the



1SG HENDERSON

Operations Division of Air Defense Dept. Henderson, whose Army career goes back nearly 25 years, is on his third tour here at the school and originally comes from Blue Hill, Maine.

CALL HIM MISTER NOW

Staff sergeant stripes were traded for warrant officer bars Friday as WO1 Charles R. Rutledge received a direct appointment to his new rank. Rutledge



CPT MARTIN

service after receiving an involuntary recall from the Pentagon. He originally joined the Army back in February, 1967, and earned his commission through OCS. After graduating from MMCS's ammunition officer course, Martin served two years at Joliet Army Ammo Plant. Since returning to active duty, he has been taking the School's ammunition officer orientation course.

Two leathernecks from the Marine Corps Admin Detachment received new sergeant stripes last week down at their "head shed" in Tin City. Both SGT Dave Doughty and SGT Paul Haverstick are instructors in HAWK Division. And, two permanent party MMCSers threw away their PFC stripes as they

(See NAMES on Page 13)



WO1 RUTLEDGE

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Priced to Sell!**

1971 CHEVROLET IMPALA four door sedan. Till Gray Mist. 8,000 actual miles. Fully equipped including power brakes, steering, factory air and AM/FM radio. \$3,600	1969 BUICK ELECTRA 225 CUSTOM. Antique gold with dark brown vinyl top and interior. Electric windows, all power, AM/FM radio, electric seats. 34,000 miles. \$3,600	1967 BUICK SPECIAL DELUXE. Two door hardtop. Power steering, factory air, automatic. Local car. \$1,600
1970 BUICK ELECTRA 225 CUSTOM. Four door hardtop. Beautiful gold finish with matching vinyl top. Full power including seats and windows. 60-40 seats, tilt steering wheel, 17,000 local miles. \$4,800	1970 BUICK RIVIERA. Gray mist with white vinyl top and interior. Electric seats and windows, full power, chrome plated wheels. \$4,600	1967 BUICK SPECIAL DELUXE. Two door hardtop. Power steering, automatic, factory air. Local car. \$1,700

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1966 BUICK SKYLARK. Two door hardtop. Factory air, power steering, automatic. \$1,500	1965 OLDS Two door hardtop. Starfire. Air conditioned and automatic. \$800.00	1963 FORD Nine passenger wagon. A and automatic. Fisherman's Delight. \$400.00
1967 PONTIAC LeMANS. Two door hardtop. Nice. \$1,000	1965 RAMBLER CLASSIC 4 door sedan. Automatic. \$550.00	1963 RAMBLER Wagon. A Special for the fisherman. \$275.00
1964 CHEVELLE Station wagon. Automatic. 43,000 miles. \$800.00	1964 BUICK LeSABRE 4 door sedan. 38,000 miles. \$900.00	1961 CHEVROLET IMPALA 2 door hardtop. Mechanic's Special. \$175.00

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1969 TRIUMPH SPITFIRE. Nice. Blue finish. \$1,500	1968 OPEL 2 door sport coupe. 19,000 local miles. \$1,400	1969 OPEL WAGON Automatic and air cond. \$1,700
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Stackton

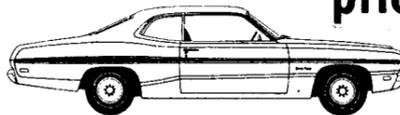
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Names

(Continued From Page 12)

became full bird specialists. Congrats to SP4 James D. Franklin, a missile instructor from HHC-UTC, and SP4 Jaime Pantoja of Co. A. Pantoja's promotion came through from his previous unit, the 1st Air Cav in Vietnam.

We also have 15 new Spec 4's from the student ranks. Those promoted for finishing in the upper half of their classes last Friday are: Raymond D. Rommel, 3rd ETC; James Maxwell, 4th ETC; Mark E. Richardson, David A. Shank, Carey N. Walker, John L. Bartley, George H. Hill and Robert F. Joho, 5th ETC; Frederick Hoffman, David F. Miller, Richard D. Millet, Lawrence Pokroy, William A. French, David Hellman and Richard Stillwell, all of the 6th ETC.

NEW MAN FOR LUFTWAFFE

The school's German Air Force Detachment officially welcomes aboard a new sergeant major for its senior enlisted post today. SGM Hans J. Giesler took over the job held down for the last three years by SGM Eckhard J. Kruse, who is now returning to



SGM GIESLER

Germany. Giesler has spent 12 years with the German Air Force and was in the U. S. once before. In 1965 he accompanied the 38th HAWK Battalion to Fort Bliss, Tex., for a training exercise. The new sergeant major will be living in Huntsville with his wife and two children.

18 MORE STAY ON

A total of a half century in man-years of service has been retained for the Army during the past two weeks through the efforts of our reenlistment counselors. Master Sergeants Blackstock and Davis have signed up 18 soldiers for either immediate reenlistment or extensions since our last report a couple weeks ago.

Of the reenlisters, four out of seven were first termers who decided to take a second hitch. They're SP4 Danny J. Stockwell, HHC-UTC, SP4 Stephen J. Malcolm, 3rd ETC, PFC James A.

Hintze, 9th ETC, and SP4 Jim H. Merritt, 249th Ord Detachment.

Career reenlisters were SFC Earnest M. Tidwell, Co. A, SSG Phillip D. Teeter, Co. B, and SSG Gary H. Addams, 3rd ETC.

Eleven men went for extensions of two to three years: SP6 Albert W. Lochli and SSG Franklin D. Roberson of Co. A, SFC Larry K. Lewallen, SP6 Kenneth B. Sarette and SGM Carl L. Sharp of Co. B, MGS James E. Joyner, SSG Robert D. McElligott, SFC William N. Parker and SSG James E. White of Co. C, SP5 Jan A. Thomas from the 1st ETC, and SSG Jack M. Lamb of the 6th ETC.

HANGING UP THEIR GREENS

It was time to "stack arms" last week for three warrant officers and ten NCOs who officially wound up their military careers this month. Their combined service added up to over 283 years, which outstrips even the Army's 196-year lifetime by sev-

eral generations.

The warrant officer retirees are: CW3 William E. Jackson, HHC-School Bde., CW3 Lloyd W. Pierce, HHC-UTC, and CW2 Lee G. Wickersham, 249th Ord Detachment. The NCOs are: MSG William G. Bugg, HHC-UTC, MSG Francis G. Smith, 9th ETC, SFC Edwin H. Beck, SFC George W. Clark, SSG George J. Allen and



MSG BUGG

SSG David K. Ruebush, Jr., all of Co. B, and from Co. C, MSG Clarence H. White, SFC Barrett L. Cavell, SFC Robert J. Parsons and SSG Joe L. Donald.

LAST BUT NOT LEAST

MSG Bugg, incidentally, was awarded the Army Commendation Medal upon his retirement. He was cited for meritorious service as communications specialist

with the Conventional Ammunition Division of UTC since July, 1969. Post-retirement plans include staying on in the Huntsville area and furthering his education.

Veterans are advised that the Veterans Administration is not affiliated with private cemetery operators offering burial plots free or at nominal cost to veterans.

This is neither an offer to sell nor a solicitation of an offer to purchase these bonds. The offering is made by a prospectus only.

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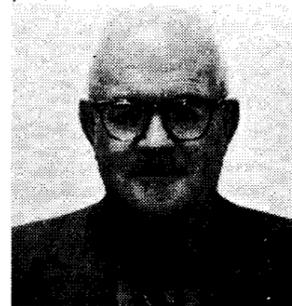
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855x14	9.95	.55
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J78x14	885x14	31.95	2.91
F78x15	775x15	24.95	2.42
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Nine Graduate With Honors

Every soldier can and should contribute to the success of the Modern Volunteer Army, Lt. Col. John H. Wigington, chief, Logistics Division, Officer Training Department, told 130 Missile and Munitions Center and School graduates at ceremonies held Friday.

"You can help by being aware of what the Volunteer Army is and what it's trying to do. Keep an open mind—don't condemn without a hearing or trial. Keep a positive attitude—suggest ways to make the Army a more rewarding career. And finally, communicate. The best ideas or suggestions are of no use unless

you can effectively communicate them," he said.

There were nine honor graduates in the graduating class: 2nd LT Edward E. Murdock of Overland Park, Kan. with a 95.6 overall average in the Missile Maintenance Officer course; Staff Sgt. Thilo Vonhanstein of Germany with a 92.7 in HAWK Continuous Wave Radar Repair; Sgt. I.C. Robert W. Gustafson with a 98.5 in Pershing Guidance and Control Repair; Spec 4 Joseph F. Roberts of Birmingham, Ala. with a 95.4 in Light Air Defense System Electronic Repair; Spec. 4 James E. Clark of Newark, N. J., with a 92.5 in HAWK Fire Control Repair; Spec. 4 Lawrence Pokroy of West Hyattsville, Md., with a 92.5 in Pershing Digital Equipment Repair; PFC Thomas J. Smullen of Bethlehem, Pa., with a 95.4 in Guided Missile Propellants and Explosives; PFC Russell H. Irwin of Peoria, Ill., with a 94.3 in Ammunition Renovation and PFC David Allen Shank of Westover, W. VA., with a 97.6 in Ammunition Storage.

Chief Chaplain Named

WASHINGTON (AFPS) — Brigadier General Gerhard W. Hyatt has been named by the President for assignment as the Army's Chief of Chaplains and promotion to major general. Chaplain Hyatt will succeed Major General Francis L. Sampson who retires Aug. 1.

A Teen Club splash party is planned at the Redstone Officers Pool tonight from 7:30 to 10:30 p.m.

Members of the club will gain admittance with their ID cards and can bring a date. If the date is not a military dependent, the cost is fifty cents. Hamburgers and cokes will be on sale at poolside.

Any teenager with an ID card can join the Teen Club which ordinarily meets in Bldg. 114 on Mondays, Wednesdays and Fridays. Live bands are engaged Friday night.

CATHEDRAL CAVERNS

A tour of Cathedral Caverns and a Coffee House program have been planned by the Service Club for the entertainment of enlisted men for the July 4th weekend.

On Sat. 3 July the tour bus will leave the Service Club for a tour of Cathedral Caverns and a picnic. Following the tour of the Cavern, plans have been made to explore the surrounding area to seek out interesting facts about Indian life. Upon returning to Huntsville, a stop will be made at The Mall for shopping. The bus will leave the Service Club at 10 a.m.

Sunday, a Coffee House program has been scheduled. Enlisted men and a professional Folk Singer will furnish entertainment. Miss Donna Emerick, will have charge of the professional part of the program. Coffee will be served at 8 p.m.

LOAN CREDIT THROUGH VA

Nurses who obtained government-sponsored student loans while in school may earn credit toward loan cancellations by serving in a professional capacity in VA hospitals.

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You see, a VW guarantee isn't a 50/50 deal, but our full 100% guarantee to repair or replace all major mechanical working parts* for 30 days or 1000 miles. Whichever comes first.

So before we guarantee a big used car, we make sure it's as tough as our little car.

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VW's

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- 1970 V.W. TYPE III—Leather, radio, 4,000 miles left in warranty.
- 1970 V.W. SEDAN—Red, leather, radio, air, very sharp.
- 1970 V.W. SEDAN—Red, leather, radio, 21,000 miles. Nice car.
- 1970 V.W. SEDAN—Green, Leather, radio, very sharp.
- 1969 V.W. FASTBACK—Leather, automatic, radio, sharp.
- We have (5) 1969 V.W. SEDANS—All have been completely reconditioned and are very sharp.
- We have (4) 1968 V.W. SEDANS—Some with automatic.
- 1967 V.W. BUS—Blue and white. Very sharp.

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3 spacious bedroom home with 2 baths, formal dining room, den with fireplace and a beautiful kitchen. Surprise luxurious. Only \$34,600.

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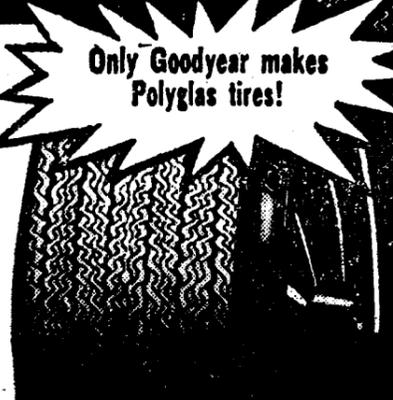
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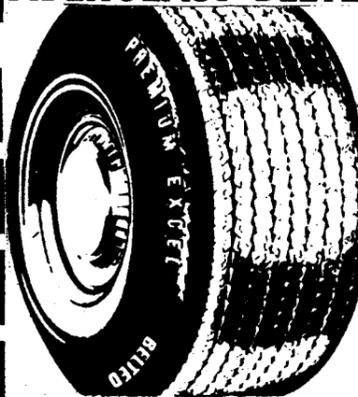
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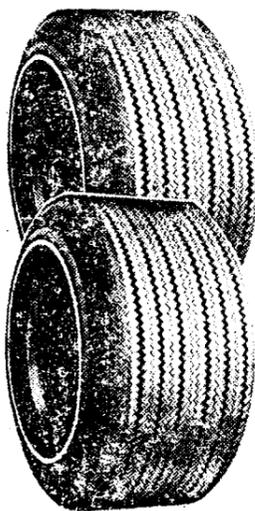
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H78-14	8.55-14	2 for 52.90	H78-15	8.55-15	2 for 52.90
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Chrysler Huntsville Manufactures TOW

The U.S. Army Missile Command has awarded to Chrysler Corporation's Huntsville Division an additional \$4,661,665 to produce missiles for the Army's TOW weapon system.

That amount brings the value of the current Army contract to Chrysler to \$16,680,000.

Chrysler got a \$12 million dollar contract last April in competition with Hughes Aircraft Company, TOW prime contractor, after both had submitted competitive bids to produce a quantity of missiles.

All missile manufacturing of Chrysler TOW missiles is being done in Huntsville.

Chrysler and Hughes are the only two contractors qualified to manufacture the TOW anti-tank missiles.

The Army will decide in 1972 which company is to receive a multi-million dollar contract, based on competitive bidding, for further production of missiles.

TOW is the first Army missile to be completely produced and tested in the Huntsville community.

Thiokol's Huntsville Division,

under contract to Chrysler, does final assembly on TOW, including explosives loading. When missiles leave the Thiokol plant, they're ready for shipment to soldiers in the field.

Capable of being fired from a ground emplacement or mounted on a variety of vehicles, TOW can destroy any known enemy armor or knock out field fortifications. TOW will replace the 106 mm recoilless rifle as well as ENTAC and SS-11 missiles.



ANOTHER MICOM FIRST—This group of Maintenance Directorate personnel are the first to earn Department of Army certificates signifying completion of familiarization training in all phases of Federal Cataloging. The training program, incorporating the six major categories of cataloging, was developed with the assistance of the Training and Development Branch of Civilian Personnel. It is the first such all-inclusive course developed in the Department of Defense. First graduates of the training course are, left to right: Ira Light, Thomas Campbell, Robert Mendenhall (Division Training Administrator), Hoyt Miller, Buford Taylor, Robert Dudley, James Bates, Jack Crumbley, Elizabeth Baucom, Harvey Brooks and Enoch Sparks, chief of the Cataloging Division.

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| 1963 PLYMOUTH ----- \$495. | 1966 T-BIRD LANDAU ---- \$1095.
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| 1965 PONTIAC ----- \$695.
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| 1962 OLDS ----- \$695.
2-dr. H.T., auto., power, air, vinyl top. Like new. | 1968 CAMARO ----- \$1495.
With Z28, 3-speed. |
| 1966 IMPALA ----- \$1195.
2-dr., H.T., V8, auto., power, vinyl top. | 1965 PONTIAC LEMANS ---- \$895.
2-dr., H.T., V8, air. |
| 1965 MUSTANG CONV. --- \$895. | 1965 PLYMOUTH ----- \$895.
Sport Fury, 2-dr. H.T., V8, auto., power. |
| 1967 CHRYSLER NEWPORT \$1195.
4-dr. sedan, V8, auto., power & air | 1965 CHRYSLER NEWPORT \$1095.
2-dr., H.T., auto., power, 40,000 miles, local one owner. |
| 1968 442 OLDS ----- \$1395.
4-speed. | 1963 CHEVY IMPALA ----- \$395.
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| 1965 THUNDERBIRD ----- \$1095.
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4-dr., auto., power. |
| 1967 FORD ----- \$895.
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