

The Redstone Rocket

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VOL. X; NO. 43

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

MARCH 14, 1962

Continental Army Command Officers Are Missilemen

Five Are Assigned Missile Projects

Five Continental Army Command officers have been assigned to missile project offices in the Army Ordnance Missile Command.

Representing the Artillery Board, the Air Defense Board, and the Infantry Board, the officers will coordinate developer-user activities on more than eight Army missile systems.

Assigned from the Artillery Board at Fort Sill, Oklahoma, are Maj. Edwin L. Weber, Jr., who will handle Pershing-Sergeant affairs and Maj. William A. Humphreys, for Missile "B."

From the Air Defense Board at Fort Bliss, Texas Maj. James E. Cook will be responsible for Zeus and FABMDS and Capt. James B. Stewart will handle Mauler and Redeye.

Lt. Col. Leonard R. Daems is small rockets and anti-tank project officer from the Infantry Board at Fort Benning, Ga.

These officers will furnish current user guidance on testing, maintenance, operating procedures and training as related to the missile systems of their assignment.

Located in the missile project manager's office, the CONARC project officers will bring a closer working agreement between the user and technical people to assure that missile systems can be easily handled and fired by the soldier in the field.

The CONARC liaison office, that previously coordinated user interest in all missile systems, under management of AOMC, will continue liaison for the remaining active systems and also work in future weapon system concepts. Lt. Col. James B. Clift and Lt. Col. Ronald C. Johnson, are the CONARC liaison officers at AOMC.

BLOODMOBILE VISITS

The Red Cross Bloodmobile is at the old Post Hospital today until 2:30 p.m.

Yoakum to Attend Armor Conference At Ft. Halstead

An AOMC scientist has been chosen as one of 16 U. S. armor experts who will participate in the 5th Tripartite Technical Working Group on Armor meeting at Ft. Halstead, England, Mar. 26 to Apr. 6.

William E. Yoakum, deputy director of the Electromagnetics Lab, Research and Development Directorate will represent AOMC on the Guided Weapons Panel at the Armament Research and Development Establishment.

Canada and England will also participate in the scientific discussions that are held twice a year by the three nations.

Yoakum, nominated to the panel for the first time, will present material on anti-tank missile system development and other research studies.

With experience in the anti-tank missile field, Yoakum has helped in the development of anti-tank mine fuses and has worked on inertial guidance systems for air-to-surface missiles before coming to Redstone Arsenal in 1958.

Missilemen Sometimes Develop 'Hold Headache'

The missile stood on its launch pad, sleek and shining, nose pointed upward into the brilliantly clear Florida night.

In the blockhouse, the check and re-check of components was continuing. The clock stood at T-minus 20—less than a half-hour away from launch. Then, through the inter-com a voice crackled:

"We've got to hold—for the moon!"

Martin Road Extension — the newest route into Redstone Arsenal—opened to full flow traffic Monday.

Col. Thomas W. Cooke, commander of AOMSA, said traffic will be permitted on the road from 6 a.m. to 6 p.m., five days a week, Monday through Friday.

"There is a dire need for another artery into the Arsenal," Col. Cooke said. "Although there will be some inconvenience because construction has not been completed, it was felt the need outweighs the delay which might be encountered."

Martin Road Extension is part of a route which ultimately will run from Redstone Arsenal to Whitesburg Drive in Southeast Huntsville. When construction is completed this summer the main gate of the Arsenal will be located on the route.

The Extension was opened to limited travel several months ago, one way on the Arsenal from 6:30 a.m. to 8:15 a.m. and one way off the Arsenal from 4 p.m. to 6:30 p.m.

Although the road will be open no badges or passes will be issued from the new gate, Col. Cooke said.

Traffic on the Extension is expected to double with the longer hours and the flow of two-way traffic. Presently, about 1,000 vehicles use the new route in the morning and the same number in the afternoon.

Unusual? Somewhat, but Army missilemen have learned to live with the peculiar malady they sometimes call "hold headache" — for the delays which often haunt missile launches.

The major causes for holds or delays in a launch can be grouped under two major headings, test data and safety.

In the case of the moon halting (See MISSILEMEN on Page 2)

New Main Gate Is Open Week Days

Joint Federal Service Health Agencies Named

Hundreds of millions of persons are helped in some way by the various agencies receiving support through the joint fund-raising campaign now under way at Redstone Arsenal.

Drive chairman G. N. (Gus) Brown has pointed out that some of the agencies, such as CARE, the American - Korean Foundation, and the six health agencies included in the campaign, render direct aid in the form of food, shelter or medical care. Radio

Free Europe, on the other hand, supports millions of persons spiritually, by bringing the voice of the Free World behind the Iron Curtain nations of East Europe.

It is estimated that more than 80 million East Europeans are provided with their only free press through RFE. This powerful network helps keep the peoples of Poland, Hungary, Czechoslovakia, Romania and Bulgaria on our side, preventing the Soviets from claiming complete victory in Eastern Europe.

RFE is a private network, depending upon public support for its existence. A vital weapon in the fight against Communist propaganda, RFE is especially appreciated by its listeners because it is "people-to-people", not government-to-government.

CARE is a familiar word to most Americans. Many millions have been aided through this organization, in more than 50 countries. School children, poor families, disaster victims, orphans, the ill and the aged; all have had the pangs of hunger eased through the channeling of the American farm abundance. CARE sends tools, too, to help the needy grow their own food and earn a better living.

The American-Korean Foundation has fed and sheltered some 100,000 homeless orphans and trained 400,000 helpless women to support 1½ million dependent children. It also rehabilitates the sick, crippled, aged, and veterans.

Other services performed by this agency include trades-training for thousands of street orphans, support to 4-H clubs, training of doctors, nurses and teachers, and general strengthening of the Korean economy against the inroads of Communism. It has been remarked that Americans fought and died in Korea, and that the Foundation helps protect what our men fought and died for.

The American Cancer Society combats the disease which is, perhaps, the worst-feared in our nation. Last year some 270,000 Americans lost their lives to this killer.

Research on heart disease, another widely-dreaded affliction, is (See JOINT on Page 2)

\$1.6 Million Contract Is Awarded to RCA to Develop Test Equipment

The Radio Corporation of America received a \$1.6 million contract Mar. 6 for development of Multisystem test equipment.

Work will be performed primarily at RCA's Defense Electronic Products Division, Camden, N.J. plant. The contract was awarded through the Philadelphia Ordnance District.

The system, capable of performing field support of the Mauler and future missile systems and limited support of existing Army missiles, is the result of a six year research and development program by the Army Ordnance program by the Army Ordnance Missile Command.

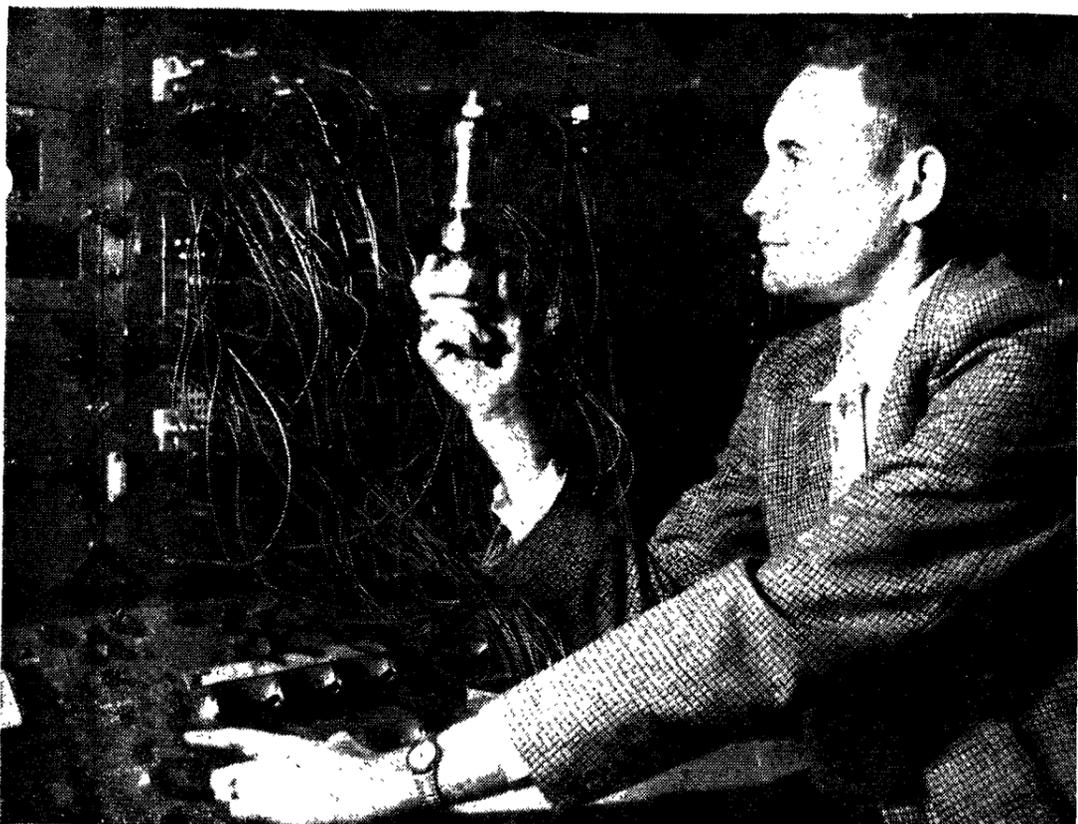
RCA's Defense Electronics Products Division will produce several prototypes for test and evaluation by the Army Ordnance Missile Command.

NATO Officials Study Redeye

North Atlantic Treaty Organization officials from eight European countries visited the Army Ordnance Missile Command March 8, and 9, to receive orientation and briefings on the Redeye guided missile system.

Redeye is the infantryman's front line defense against strafing aircraft.

At Redstone Arsenal, the group concluded an orientation tour that has taken the members to many of the major installations in the U. S. concerned with test and evaluation of the Redeye system. (See REDEYE on Page 2)



MODERN CRYSTAL BALL — Maurice Hallum, an aeronautical research engineer at the Army Ordnance Missile Command, gazes at one of the electronic tubes that provides power for computers involved in designing future missile systems.

Scientists View Modern Crystal Ball for Answer

Army scientists here don't need crystal balls to see missiles of the future—they have electronic machines that do a much better job.

Computers in the Advanced Systems Lab of the Army Ordnance Missile Command are used to simulate the construction and flight testing of missiles that are still gleams in the scientific eye.

The "building blocks" of this futuristic work are the electronic plugs that go in various combinations on the computer patchboard. They can simulate hundreds of possible missile designs and performance before any actual hardware is produced.

The result is technically feasible system before research and development efforts begin. Dollars are saved because "bugs" that would make a system unreliable never have a chance to get into the works.

Advanced Army systems under current study in the lab include Missile "B", a general support system, and FABMDS, Field Army Ballistic Missile Defense System.

The Advanced Systems Lab also conducts general feasibility studies furnished to other government agencies and project offices. A report on hybrid propulsion systems using a liquid oxidizer and a solid fuel is a prime example of this type of work.

Lab personnel have done feasibility studies in the past on such Army developed missiles as the Jupiter, Pershing, Sergeant, and Littlejohn.

But these vanguard scientists never see the final product of their pre-research and development work. They are already doing spadework on another future missile system.

The Redstone Rocket

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Editorial—

Red Cross: It Means 81 Years of Service

The Red Cross is the concern of all Americans, but it is of a very special concern to one group—the men and women of the Armed Forces. Why is this so? It's because the largest single job of the Red Cross is helping to maintain the morale of servicemen and their families, at home and overseas.

This should be uppermost in our minds when we are asked in March to contribute to the American National Red Cross campaign for funds. Each year Red Cross assistance to service people and veterans accounts for about 35 per cent of its budget and 55 per cent of the time of its staff workers and volunteers. In giving generously to this organization, now 81 years old, we are simply insuring our own welfare in time to come.

For the statistics are stunningly impressive. In the year that ended last June 30 Red Cross services each month to military families and veterans averaged 120,000; to servicemen at stations and hospitals, 77,000; to veterans in Veterans Administration claims offices, 15,000. During the year, volunteer workers gave 4,625,000 hours at stations. A total of 332,000 welfare messages were sent.

Of course the activities of the Red Cross are multiple. Last September, when Hurricane Carla ravaged the Gulf Coast, more than 300,000 evacuees were fed and sheltered. And in the wake of the savage storm some 17,500 families received Red Cross aid in rebuilding their shattered homes. In all, Carla cost the organization \$5,400,000. Our dollars helped save lives and alleviate suffering.

Blood services, safety services, nursing services, youth activities—wherever you find humanitarian effort you find the Red Cross extending its helping hand. The 1962 campaign gives us the opportunity to be partners in its splendid work. (AFPS)

JOINT

(Continued From Page 1) being carried on by more than 1,300 skilled medical scientists under the Heart Fund program. The Fund is working toward the ultimate conquest of heart and circulatory disease, now responsible for about 54 per cent of all deaths in the United States.

The nation's greatestcrippler, Arthritis, has found some 12 million victims in our country. Almost all these sufferers can be helped. It is estimated that seven out of 10 victims can be spared severe crippling if they receive proper treatment in time.

The Arthritis and Rheumatism Foundation helps reach them with modern care and speeds the research that will bring a cure tomorrow.

The case of Edmund H. Inselmann, Jr., 34, points out the help that United Cerebral Palsy gives to the victims of this frequently undetected disease. Inselmann is a scientist, although handicapped by cerebral palsy from birth. Placed mistakenly in a class for mentally backward children, he received the help of UCP and eventually earned his master's degree.

Medical scientists are racing against time to find an effective treatment for Muscular Dystrophy. Each week marks another downward step in the slow process toward death for the children who fall victim to this dreadcrippler. The Muscular Dystrophy Associations of America provide comfort in the present and hope for the future through research for all those afflicted with MD.

Multiple Sclerosis is the greatest cause of chronic disability among young adults. An estimated half-million people in the United States are suffering from MS and associated diseases. The National Multiple Sclerosis Society sponsors research and its chapters aid patients and their families with services and clinics.

Much more can be told about the work performed by these agencies, and the importance of giving them support. President Kennedy, who has authorized and endorsed this campaign, summed it up in a recent statement:

"The unceasing fight for better health in America is being waged along an expanding frontier. I urge all members of the Armed Forces and Federal civilian personnel to aid in this fight by giving their wholehearted backing to the annual Federal Service Campaign for National Health Agencies."

REDEYE

(Continued From Page 1) Brig. Gen. John G. Zierdt, Deputy Commanding General, Guided Missiles, welcomed them upon their arrival.

The group, accompanied by Rear Admiral W. T. Hines of NATO in Paris, is headed by French Col. Guy Gabriel Joyau, chairman of the Redeye NATO sub-group on test and evaluation. The sub-committee members come from America, Belgium, Denmark, France, Italy, England, Germany, Holland and Canada.

While at Redstone Arsenal, the group also visited the George C. Marshall Space Flight Center.

MISSILEMEN

(Continued From Page 1) the launch of the missile at Cape Canaveral — a Pershing — the reason was test data. At the hour of the evening the Pershing was to have been launched, the brilliant moon interfered with visual tracking. A few minutes later, the moon was higher in the sky and the problem no longer existed.

Weather probably is the biggest single factor for holds called to insure getting adequate test data. Cameras that gather information on a missile's performance simply cannot do their job in extremely cloudy or bad weather.

Static electricity in the atmosphere sometimes necessitates a delay. When static electricity builds up to the point where a discharge could strike electrical wires and even fire the missile, test engineers are quick to call a halt to the operation. High winds, for the obvious reason, can also stop or delay a launch.

At Point Mugu, Calif., where the Army's Nike Zeus anti-missile missile has been undergoing tests on the Navy's Pacific Missile Range, fog sometimes is a frustrating problem. To a native Californian the day may be just dandy but to a missileman even a little bit of the "liquid sunshine" can show up on his tracking cameras like a Minnesota snowstorm.

Safety is the second major contributor to "hold headaches." At Cape Canaveral, for instance, the range safety people sometimes have to delay a missile launch until stray airplanes or ships in the Atlantic have been removed.

At White Sands Missile Range in New Mexico, where the Nike Zeus and other missiles have undergone many tests, holds sometimes are called because of traffic. A major road runs through the range and when a firing is imminent road blocks are thrown up. During certain hours, however, traffic must be allowed to proceed. Sometimes these hours don't coincide with the wishes of the Army missilemen. The result—another hold until traffic has cleared out.

Larger Army missiles are not flight tested at Redstone Arsenal but some of the smaller missile weapons systems can be fired on the comparatively short ranges and they, too, have their hold problems. Cattle, which are allowed to graze at Redstone, are often the culprits when they wander onto the far end of the firing range.

Baby Will Choose Citizenship Later

A little boy who will have the choice of being a citizen of France or a citizen of the United States when he grows up was born here Mar. 5.

His name is Laurent Algans, and he is the son of French Army Lt. and Mrs. Jean Algans who are residing at 3910-A MacVay Street S. W. while the Lieutenant attends the Ordnance Guided Missile School here.

The French-American baby weighed seven pounds when he made his debut at the Redstone Arsenal Army Hospital.

Papa Algans is the French student who has traveled 20,000 miles on five trips between Huntsville and his native Toulouse, France, to take three lengthy courses at the Missile School here.

es just as an SS-10, Entac, SS-11 or a variety of other small test vehicles are being readied for firing.

When this happens, somebody has to get in a jeep, head down-range and literally play modern day cowpuncher as he herds the cattle to a safe area.

The missilemen don't object to strenuously to the cattle, however. For one thing the cows keep the underbrush trimmed on the ranges.

Army missilemen have the know-how to field an extremely complex missile system but nobody has yet come up with a cure for "hold headache."

As one technician put it: "We try to ignore it and hope that it'll go away. But sometimes it doesn't."

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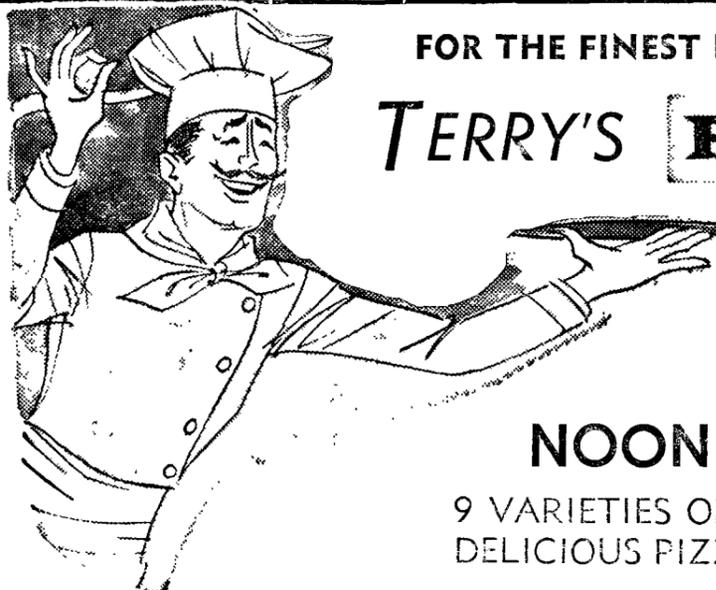
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Weapons Tested Here Date 5000 Years Back

Williams and Bunn Collect Artifacts Made by Indians

Weapon testing has been going on at the firing ranges of Redstone Arsenal—home of Army missiles—for more than 5,000 years. Scattered among the pieces of impacted flight tested Army missile components that dot the range are flint arrowheads Indians flight tested over this same ground centuries ago.

Indian weapons including the celt (tomahawk), stone knives, spears, and arrow points are found on the same ground as components of the SS-11 and ENTAC, anti-tank rockets and the Redeye, man portable anti-aircraft missiles.

Frank Bunn and Ross Williams, two men engaged in operating the test ranges at Redstone, collect these Indian artifacts in their spare time.

"Good hunting and plentiful

water drew the Indians to this area," said Williams, who has been collecting Indian weapons for nearly 20 years. "There was enough flint here for making their weapons."

Good electrical power supply, adequate land, and water transportation brought the Army missile program to the former Indian camping grounds a decade ago.

Bunn and Williams get a special pass on weekends and holidays so they can roam about the test area looking for Indian flints.

"Some of the oldest arrowheads we've found belong to the Archaic period," Bunn said. "They were made more than 5,000 years ago."

Williams has a "closetful" of flints, most of them picked up on the 13,000 acres of the Redstone test ranges.

"Most of the artifact area lies within our test range," Williams said. "There are numerous campsites and flint factories here where

GERMAN NEWSMEN VISIT REDSTONE

The largest group of foreign newsmen ever to visit Huntsville Mar. 7th, inspected facilities at the Ordnance Guided Missile School where a number of West German Army and Air Force students are now being trained on two missile systems.

The 20 journalists represented newspapers and radio stations in most of the Federal Republic's major cities, including Berlin, Hamburg, Stuttgart, Munich, Hanover, Frankfurt and Essen. One is the news editor of West Berlin's radio station, RIAS, which is heard in most of Communist East Germany.

Col. William J. Macpherson, OGM commandant, and Lt. Col. Hans W. P. Finck and Lt. Col. Otto Schmidt of the German student detachment conducted the visitors on a tour of Hawk and Sergeant missile facilities where the Germans are now in training.

They spent Tuesday morning at the Marshall Space Flight Center. The German newsmen are tour-

ing the United States under auspices of the State Department and the U. S. Information Service. They departed Wednesday afternoon by air for New Orleans.

The Indians turned out their weapons." The missile team first discovered the artifact possibilities of the area on trips downrange to inspect ballistic cameras and rocket impacts. Subsequent trips after working hours have produced many arrowheads and other artifacts.

"Although we've made no spectacular finds," Bunn said, "We are combing several sites with the hope of finding a rare arrow point."

"With all our interest in their weapons," said Williams, "I wonder what the Indian would have thought if he could have seen a weapon guided to its target by wires, as we do with the SS-11 and ENTAC."

Lt. David L. Morse Receives Promotion

David L. Morse, son of Mr. and Mrs. L. Glen Morse, Neosho, Mo., has been promoted from first lieutenant to captain.

Capt. Morse came to Redstone in July, 1961 after an assignment as the assistant adjutant for the 23rd Infantry, 2nd Battle Group at Ft. Benning, Ga., and is now serving as a Project Officer in the Technical Assistance Division of AOMC's Field Service Directorate. He entered the Army in August, 1957 at Fort Sam Houston, Tex.

His job at AOMC allows him to get a first hand look at the development of the Nike Zeus.

The captain attended high school in Neosho and is a graduate of Dexter, N. M. high school. He is a 1957 graduate of the University of Missouri with a bachelor of science degree in business administration. He also attended the



New Mexico Military Institute at Roswell, N. M.

Capt. Morse is married to the former Miss Janet Sue McIntyre, daughter of Mr. and Mrs. Robert McIntyre, Neosho. The Morses have a son, Ripley, 4, and a daughter, Michelle, 2.

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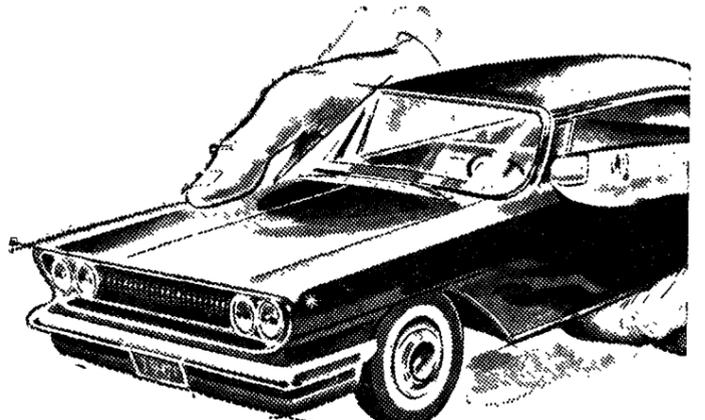
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Armed Forces of NATO Are Well Equipped and Trained

Armed strength of NATO in the beginning was only that which she fell heir to from the occupational powers in Europe. These forces were disposed for garrison and administrative duties, not to meet attack.

These first armed forces were ill trained, poorly deployed, under strength and lacking central direction.

When Gen. Eisenhower took command as the first Supreme Allied Commander in Europe in 1950, the forces assigned to NATO consisted of some 12 divisions, 400 aircraft and a small number of naval vessels.

The Korean aggression earlier that same year injected a sense of urgency into the defense activities of the free world and defense planning and the buildup of NATO's armed strength began to take concrete shape.

In early 1952 the North Atlantic Council approved a plan proposed in 1951 to build up to about 50 divisions, 4,000 aircraft and strong naval forces by the end of 1952 with further increases planned for the following two years.

In the next four years, this buildup continued, reaching a level of some 100 divisions (including a large number of reserve units), 6,000 aircraft and 1,500 naval vessels.

From then on the numerical strength levelled off, with increasing effort being devoted to improvement of men through more selective recruitment of skills and more comprehensive training.

This expansion was achieved only with the additional forces provided by Greece and Turkey which

joined the Alliance in 1952, and those being provided by Germany, which joined in 1955.

The addition of these three members to the Alliance, while appreciably increasing the military strength of NATO, also greatly increased the area to be defended.

NATO forces are of two categories: air forces and active land forces are "assigned," while naval forces and reserves forces of all services are "earmarked."

Assigned or earmarked, each unit has a definite role and responsibility in the military plans of the Alliance, the defense of all NATO's territory, land and sea and the air above.

Astronomers to Hear Talk on Tektites At University Center

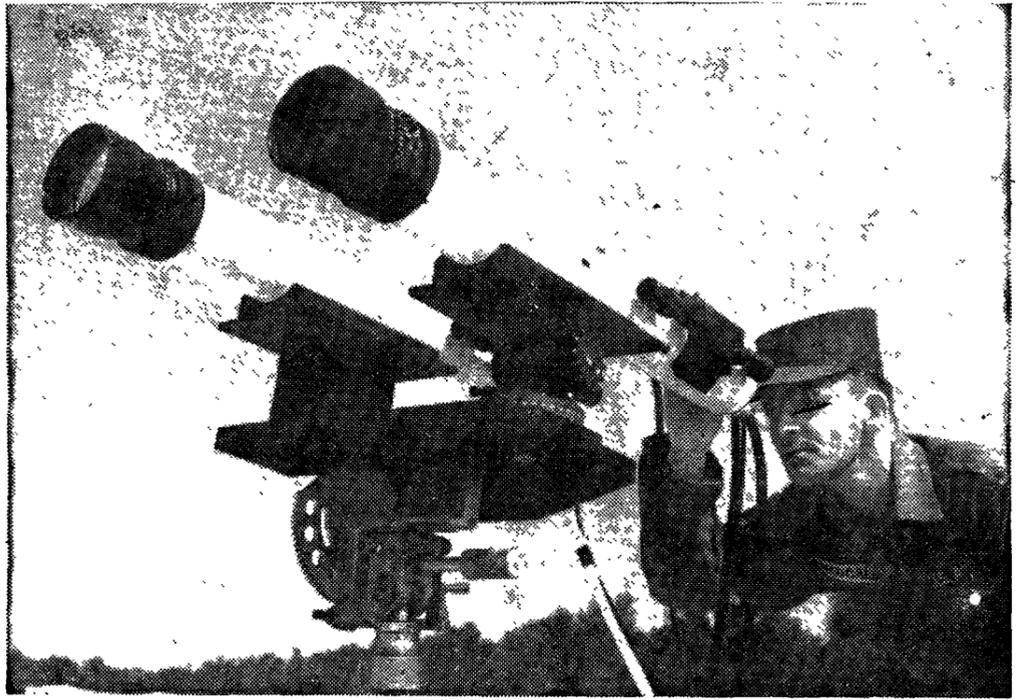
Dr. John A. O'Keefe, from Goddard Space Flight Center, will speak at the Mar. 20 meeting of the Rocket City Astronomical Association scheduled at the University of Alabama Extension Center Auditorium at 8 p.m.

Dr. O'Keefe's subject will be tektites and the moon.

Dr. O'Keefe is the assistant chief of the Theoretical Division of the Goddard Space Flight Center.

Tektites are meteorites of glossy composition often called australites since Australia is where quite a number are found. Dr. O'Keefe will tell how these are related to the moon's evolutionary history.

Army Lab Tests Possible New Radar Device



TELESCOPIC "RADAR"—LASER (Light Amplification by Standard Emission of Radiation) light is tested for radar application by this dual-telescopic device designed at the Army Signal Research and Development Lab, Ft. Monmouth, N.J. A pencil-thin beam of ruby-red light is fired at a distant object from one of the telescopic tubes and the reflection is registered in the other. The device, operated by SP6 Eugene Medcalf of Seattle, Wash., could be a forerunner of an extremely compact device to enhance the capabilities of future defense radars.

Dr. Sayles Says Make Best Use of Human Resources

An Army Ordnance Missile Command chemist said last night that the U. S. must make the best use of every man, manhour and every national defense dollar if we are to maintain scientific supremacy over the Soviet Union.

Dr. David C. Sayles of AOMC Research and Development Directorate, told members of the Monrovia Junior High School PTA that expanding and future research laboratories must be staffed with well-trained and competent technicians, many in entirely new and different scientific skills than their predecessors.

Dr. Sayles, a native of Alberta, Canada, has been employed in missile research and development at Redstone Arsenal since August, 1958. He has been in chemical re-

search in industry and government since 1947 after leaving the Ferris Institute, University of Michigan, where he headed the chemistry department.

The Navy's modern nuclear submarines can travel faster submerged than on the surface; they also can submerge in less than one minute.

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Post Library

By Jean L. Hoffman

You are invited . . . to view the Ninth Interservice Photography Contest Award Winners now on display. Featuring photographic compositions, arranged by subject and mounted, the display is well worth your time. According to Chief Librarian, Anna Lee Farrar, the exhibit will remain through Mar. 16.

This is the Lenten period . . . A time for renewed devotion and enriched spiritual thinking. Your Post Library has many interesting and inspiring religious books for your Lenten reading.

Among the recent scholarly titles is "Reconstruction in Religion," a symposium of articles by contributors—rooted in the behavioral sciences — psychology, psychiatry, sociology, anthropology, economics — who address themselves to mankind's most fundamental concerns. According to the preface, the major promise underlying the symposium is that the time has come for man to have Faith in himself, in his capacities for intelligent thought and action.

A related premise is that the most urgent task in the world today is to raise the living levels of the underprivileged peoples, who constitute almost 80 per cent of the world's population.

Today as never before, we are, living in a "world in ferment," an era of accelerated social change—time when people are examining the old ways and are looking for

new ways. The new ingredient, the new source of hope is science and technology.

On the literary diet this week are some excellent 'main courses' such as the Brookings Institution study (July, 1961) entitled 'Post-war Negotiations for Arms Control,' a timely and comprehensive record of the past fifteen years by Bernhard G. Bechhoefer, former senior officer of the Department on Armaments Control.

Another title offering food for thought and prognosticating the future, is "Markets of the Sixties," by the Editors of Fortune, which is engrossing as well as valuable reading.

Some of the predictions for this decade are (1) that Engineers may use nuclear explosives; (2) geneticists will control mutations in plants and animals; (3) that prospective parents may well be able to choose whether to have a boy or a girl!

Clarkson's comprehensive history of Russia is now available. Also available is a book depicting the new role of the lawyer in modern society, entitled "Corporation Lawyer: Saint or Sinner?," by Beryl Harold Levy, law school instructor at Columbia, who has "proceeded on the premise that respect based on full disclosure is more durable than respect based on awe." As Levy points out in the preface, "a friend is a man who knows all about you and likes you just the same!"

A practical and useful book is "Questions and Answers on Real Estate," by Robert W. Semenov (revised and enlarged edition).

With the coming of Spring, many people are beginning to think about house cleaning and home repairs. Our books on home repairs will help you decide whether it is a job for an amateur or professional and will save you time

Movie Schedule

Wednesday, Mar. 14, "The Naked Edge" (M) starring Gary Cooper and Deborah Kerr. Time 1800 and 2030 hours.

Thursday - Friday, Mar. 15-16, "Splendor in the Grass" (M) starring Natalie Wood and Warren Beatty. Time 1800 and 2030 hours Saturday, Mar. 17, "Belle Sommers" (F) starring David Jansen and Polly Bergen. Time 1800 and 2030 hours. Special Matinee: 1115 hours.

Sunday - Monday, Mar. 18-19, "The Pit and the Pendulum" (M-YP) starring Vincent Price and John Kerr. Time Sunday 1400, 1800 and 2030 hours. Time Monday 1800 and 2030 hours.

Tuesday, Mar. 20, "World in My Pocket" (M) starring Rod Steiger and Madja Tiller. Time 1800 and 2030 hours.

and money by giving you tips about procedure.

Other new titles this week are William Brinkley's "The Fun House," Patrick White's "Riders in the Chariot," Eugene Burdick's "The Blue of Capricorn," "Jungle Pilot," by Russell Hitt.

"Mission to the Head-Hunters," by Frank and Marie Drown, is a startling, true life story of missionaries.

New novels are "Alexander the God," by Druon, "Old Men at the Zoo," by Angus Wilson, and Howard Spring's "I Met a Lady."

If you have a question you can't answer, call or visit the Post Library.



TROOPS ON THE MOVE—Soldiers of the U. S. 4th Infantry Division run from helicopters at Hohenfels, Germany, during the ground action part of Operation Long Thrust II. Army officials pronounced the maneuver, which was kicked off Jan. 30, a success. Operation Long Thrust II, a NATO exercise, proved its ability to move troops thousands of miles with speed and efficiency.

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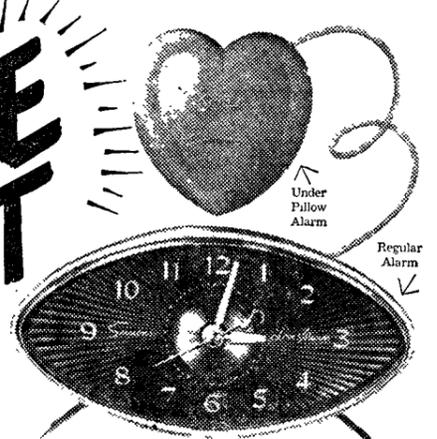
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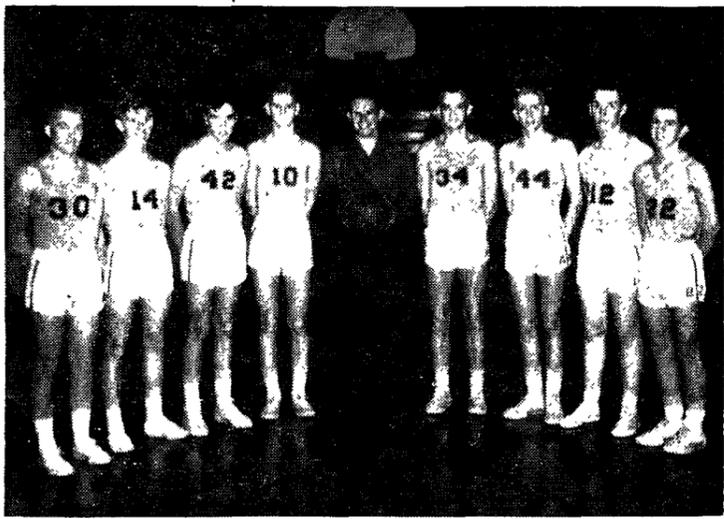
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CHAMPIONSHIP BASKETBALL TEAM—Redstone Chapel's basketball team won the Huntsville YMCA 17 and under League championship recently ending the season with 11 wins, one loss. SP4 Al Vasco of Headquarters Detachment, AOMC, is the coach. Terry Robeson was named outstanding player and selected for the city team along with two teammates, Don Adams and Don Southard. Left to right are: Don Adams, Tom Jandebaur, Don Southard, Terry Roveson, Coach Vasco, Garry Van Koughnett, Don Spencer, Bill Kaigh, and Tony Hoover. Also playing this year were Duke DeLuca, Ric George and Bill Sydnos.

Sports By Handy

BASEBALL:

Intensive labor is being performed on Linton Field (weather permitting) to ready the field for opening day. Baseball opens on May 14 (Monday) at 1900 hours.

Three games weekly will be played, Monday-Wednesday-Friday at 1900 hours. Improvements are being made to the field to increase interest for both player and spectators for the 1962 season.

The fences have been moved for the benefit of the "home-run" hitters, (2 have been hit over the fence in the last two years). Left field fence has been moved in to 335 ft.; center field in at a 350 ft. mark; and right field has been moved in to 335 ft.

The out-of-play fence is being extended to the outfield fence on both left and right field. Protective covering for the players in the dug-outs will be installed.

Until the season starts, Linton Field will not be used as a practice field by interested teams.

Now is the time Unit Commanders or Team Managers read RSA Cir. 28-3 dated Jan. 3, 1962. This will give instructions as to who can play with whom and why. Individual practice equipment will have to be company equipment.

This equipment can be drawn by using TA 20-2. Special Services Division will issue complete equipment to teams entered in the Post Level Baseball League only.

Rosters of teams must be in the Sports Branch no later than April 2 so that a baseball league can be formed. Unit commanders are urged to back up personnel playing baseball this year, because the Third U. S. Army Baseball Tournament will be held at Redstone Arsenal in August, and a good team is needed to carry the Redstone Arsenal to victory.

Any question or information needed on the baseball or the softball league for 1962 can be had by calling 876-2943, Sports Branch, Bldg. 3648. The regulations this year will not permit any individual to participate in both baseball and softball.

BASKETBALL:

Play-off, deciding the second place trophy, was determined on March 5 between two fast, high-scoring teams, Co. A OGMS and Hq ABMA.

Hq ABMA defeated Co. A OGMS by the score 58-50. SP/4 Merritt of Hq ABMA was high scorer for the night with 22 points. Co. A OGMS was outscored in each quarter and could not get started to overcome the eight points. Co. A OGMS totaled 14 fouls as did Hq ABMA.

The Most Valuable Player Award was selected last week by the coaches of the teams in the league. The person selected was Capt. Thomas Rutherford, Officers Team.

The Redstone All-Stars are practicing "like mad" for the coming games with Fort Campbell on the 13th and 14th of March. Games will start at 1900 hours at the Post Gym. Support Redstone's team to the hilt by being at the games.

Players selected for the All-Star Basketball team are:

Thomas Rutherford, Hq. AOMSA, 5' 9", West Va. Wesleyan College, Va.

Thomas F. Morris, Hq. AOMC, 6' 3", Va. Polytechnic College, Va.

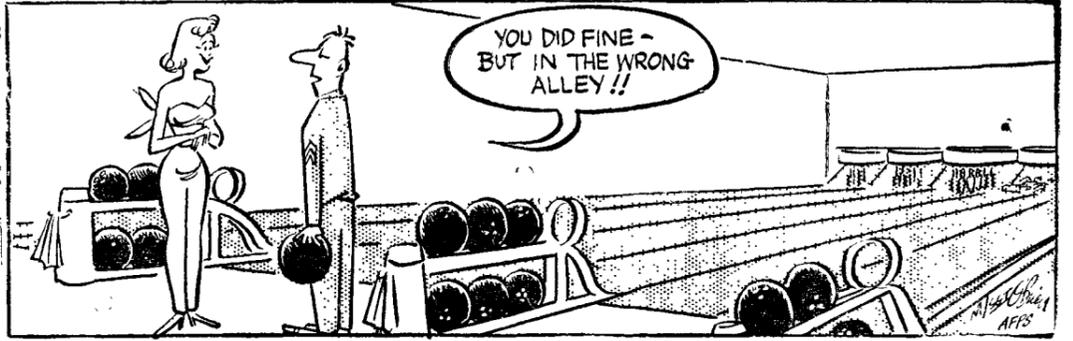
John Neidhardt, Hq. OGMS, 6' 3", Blacksburg High School, Va.

Morris W. Boyer, Hq. OGMS, 6' 3", LaFayette College, Pa.

Irving G. Lyles, Hq. AOMSA, 5' 9", Lincoln High School, Md.

David E. Merritt, Hq. AOMC, 5'

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Bobby C. Vailair, Co. A. OGMS. 6' 5", W. O. Boston High School, La.

Damian J. Apke, Hq. AOMSA, 6' 4", Fisher High School, Ill.

Leroy Richie, 291st M. P. Co., 6' 1", LaFayette High School, N.Y.

Woodrow Thomas, Medical Det., 5' 10 1/2", Miller High School, Mich. and Tennessee State Univ., Tenn.

The final basketball standings in the Post Level Basketball League for 1961-62 season are:

Team	Won	Lost
Officers	16	2
Hq. UTC	13	5
X Hq. ABMA	11	7
X Co. A. OGMS	11	7
Hq. AOMSA	10	8
Co. B. OGMS	9	9
Hq. ARGMA	8	10
291st M. P. Co.	5	13
2nd ETC	4	14
Med. Det.	3	15

* Per rules Officers and NCO Club teams in activities may not receive trophies and may not participate as a team in Third U. S. Army Tournaments. Hq. UTC will receive the Championship Trophy and Championship Individual Awards. Hq. ABMA will receive the Runner-Up Trophy.

X Hq. ABMA defeated Co. A. OGMS in play-off for Second Place trophies. Score 58-50.

SOFTBALL:

Softball season will soon be here and Unit Commanders should be getting a team to represent their unit in Post competition.

The Softball league will start May 7.

Two games will be played nightly on Softball Field No. 1 and on Softball Field No. 2. Games will be played at 1800 and 1930 hours and will consist of seven innings. RSA Cir. 28-8 dated Jan. 23 will control the competition. A manager's meeting is arranged for April 10 at 1300 at the Sports Branch, Bldg. 3648.

Rosters of teams interested in the Post Level Softball League must be in the Sports Branch not later than April 18.

Gloves, bats, and balls will be the only equipment issued by the Sports Branch. Softball equipment will be issued to teams participating in the Post Level Softball League.

Individual equipment for practice before team issue in April will have to be drawn from their units. Units can draw such equip-

ment by TA 20-2. For additional information call 876-2943, Sports Branch.

VOLLEYBALL:

Four volleyball teams are practicing and strengthening for the last games of the season to be played on the evenings of March 8 and 12. The remaining games that can decide the Post Level Volleyball Championship and Runner-Up spot are:

March 8, 1800 hours, 1st ETC vs. Officers.

March 8, 1900 hours, Hq. ABMA vs. Hq. AOMSA.

March 12, 1800 hours, Hq. OGMS vs. Co. A. OGMS.

March 12, 1900 hours, Hq. AOMSA vs. 1st ETC.

Trophies and awards will be presented to the Champions, Runner-Up, and Most Valuable Player on March 16 at the Post Service Club at 1330 hours.

The Most Valuable Player Award was selected last week by the coaches of the teams and the honored player is SP4 James Tra-week, Hq. UTC. He was selected for his ability, his sportsmanship,

and his help to others on the team.

The Volleyball Finals will be published in next week's Rocket. It has been a successful volleyball season and hopes are that the team representing Redstone at the Third Army Volleyball Tournament will bring home more honors.

The following are volleyball standings as of March 7:

Team	Won	Lost
3rd ETC	13	2
Hq. AOMSA	12	3
Co. A. OGMS	12	4
Officers	12	4
Hq. OGMS	8	6
Co. B. OGMS	5	11
Hq. ABMA	4	11
Hq. UTC	1	13
Hq. ARGMA	1	14

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The Sports Car Buffs

By Pat Patterson

Well, the Twickenham Automobile Club's "Du-Wa" Gymkhana was finally consummated on Sunday, Mar. 4th. With the weatherman giving us a slight break in the weather and allowing only a few drops of rain to fall, twenty-one cars ran a course at Parkway City which was a challenge to all entered.

Not content with just testing the ability of the driver, the organizers threw a curve at all contestants by requiring the driver to manipulate sections of the course with a paper flag over his or her head while a navigator directed him.

This proved to be interesting and amusing for both spectator and contestant. To complicate the entire process the navigator was required to carry a golf ball around on a tablespoon during a portion of the event. Of course, penalty points were incurred everytime the ball was dropped.

After forty-two runs, many knocked-down pylons, and dropped balls, a penalty free 2 min. 43.57 seconds went to the Porsche driven by Ray Mosling of Thiokol and navigated by this writer.

The second fastest time went to an MGA driven by Gary Brisendine and navigated by Bill McClain, a mere 33/100th of a second behind. These were, of course, the two top placing cars in the 1301 to 1600cc class.

Third overall and first in the 1601 to 2000cc class went to the team of Dr. John Hardiman and Jim Baker in the Doc's TR-3 while fourth overall and first in the under 1300cc class went to the perpetual winners in this class the Barnes's with Leroy driving and Martha navigating.

In the over 2000cc class the XK-120 Jaguar Coupe of Dick Bauman with Norm Krajna navigating took the honors.

In case you want to congratulate those who are taking home the hardware, you should be at the next meeting of the club tomorrow night. This meeting will be at the Barnes's new castle on U. S. Highway 72 East. To arrive at the proper place you should go east on U. S. 72 from Memorial Parkway, cross the RR tracks and look for the new construction on the left side of the highway. The

address is 620 Highway 72 East. The meeting starts at 7:30 p.m. A checkpoint sign will be visible from the highway. After the business will be a housewarming affair on a BYOB basis. Plan on attending.

This last weekend saw the running of the first of five events to count towards the TVR-SCCA Slalom/Autocross championship. Although I can not give you any details due to deadline I hope to have all the pertinent information next week. It looks as though we are going to have quite a competitive year. If you missed this one keep a close watch for the next. It should prove interesting.

The Twickenham AC is sponsoring the "Das Bild" Rallye with John Schlosser as Rallymaster. This is the first event that John has put on in this area. He had a good deal of experience in the St. Louis area and if the Danial Boone National was an example of the type of events we can expect from that location this should be quite a rallye.

I talked to John. He informs me that flyers and general instructions are available to all interested parties now. One item of note is that one of the things needed to run this event is a TV Guide. I don't know just what John has in mind but it sounds good. From what little German I know it would seem that this is going to be a picture clue event. I personally suggest that a magnifying glass might be of some assistance.

Registration will be at Parkway City Shopping Center from 11 a.m. till 1 p.m. at a cost of \$3.00 per car. Late registration will be till 1:30 at a cost of \$4.00. In keeping with the policy of T. A. C. a 50c reduction in entry fee will be allowed those whose cars are equipped with seat belts. Try and make this one.

For those of you who are interested, the 24th of the month will see quite a few members of the local clubs at Sebring, Fla for the 12-hour endurance race sanctioned by the FIA. This is an opportunity to see all the name drivers and cars in action. I understand that the World Champion



BEAT THE CHAMP TOURNAMENT—The Military Police Association is again sponsoring a "Beat the Opens Golf Champion, Gary Player" which began Monday and ends on Apr. 5. Members of the 291st MP Company at Redstone Arsenal are sharpening their game on the Arsenal golf course. Left to right are: Sgt. James Frye, Maj. Franklin M. Conway, Provost Marshal, Sgt. Henry Asselin and on the tee, Sgt. Harold Pounders. The tournament is open to everyone. Civilians must be sponsored by a military man in order to register. Established handicaps can be used. Trophies will be awarded at the end of the tournament.

Col. H. J. Katz Speaks At University Place PTA

Col. Henry J. Katz, Deputy Commander of the Army Ordnance Missile Support Agency, described the Army's program for Community Relations in the Huntsville area during a University Place PTA meeting Thursday night.

Stressing that a cordial and cooperative relationship was necessary for both Redstone Arsenal and the community, he told of specific cooperative efforts in the areas of medicine, transportation, civil defense, fire fighting, law enforcement, religious services, housing and education.

"In the final analysis," Colonel Katz said, "members of the community and the Arsenal have learned that mutual cooperation results in mutual benefit. Our situation here in Huntsville is a good

example of democracy in action, working together for mutual achievement with the Army and community accomplishment."

Phil Hill last years winner will be there again. It should be well worth your while to go.



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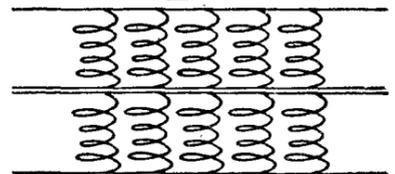


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Study Circle Is Told About Taiwan Customs

Members and guests of the Huntsville Study Circle were presented a program on Taiwan Friday afternoon at the home of Mrs. Pat Hamm.

Lt. Col. K. T. Hu, senior liaison officer for the Republic of China's students at the Ordnance Guided Missile School and Maj. C. J. Yang, a student, presented the program. Their talks were highlighted by use of maps, newspapers and other items from their country.

At the conclusion of the program Col. Hu presented the club with a brass plaque, the Chinese character for "Happiness," as a token of friendship from the people of Taiwan to the Study Circle.

RESERVE OFFICERS TO HEAR HARRIS

Ronald J. Harris, an aerospace technologist at the Marshall Space Flight Center, will address the Huntsville Chapter of the Reserve Officers Association Friday, Mar. 16 during the dinner meeting at the Squirrel Hill Officers Club.

The dinner will be preceded by a social hour beginning at 6:30 p.m. with dinner served at 7:30. The meeting is also open to the ROA Auxiliary.

Reservations are being handled by Lt. Col. Carl L. Jones and Lt. Col. Pete Redding.

Military Engineers Will Meet Thursday

The Huntsville Post of the Society of American Military Engineers will hold its monthly meeting Thursday evening at the Redstone Arsenal Officers' Open Mess. Fellowship hour will start at 7:15, with dinner being served at 7:15.

Guest speaker will be Dr. William W. Carter, Chief Scientist, U. S. Army Ordnance Missile Command. He will speak on the pros and cons of fallout shelters.

Dr. Carter is a native of Florida. He attended high school in Ft. Worth, Texas. He received his B. S. in physics from Carnegie Institute of Technology and his M. S. and PhD in physics from California Institute of Technology.

Dr. Carter served with the Navy during World War II with Radar Wave Propagation research at Naval Research Labs in Washington, D. C. and in the Pacific area. He joined Redstone Arsenal as Chief Scientist, AOMC, in 1959.

Reservations may be obtained from Lt. Col. C. C. Rollins, Jr. at 876-3642.

SOCIAL and CLUB EVENTS

Wives Golf Group Has 'Tee-Off' Luncheon

Season's Schedule Is Presented Group

Tee-off luncheon for the Golf Group of the Redstone Arsenal Officers Wives Club drew approximately 90 golfers and guests to the Squirrel Hill Officers Club last week.

Lunch was preceded by a Sherry and social hour, and followed by a business meeting during which the schedule for the season which begins on March 21 was discussed.

Committee chairmen were introduced. Mrs. William Kaiser, Golf Group Chairman, introduced the vice chairman and secretary, Mrs. I. N. Reiter; treasurer, Mrs. T. T. Moxley; handicap chairman, Mrs. Glenn Crane;

Hospitality chairman, Mrs. F. E. Moore, Jr.; junior golf chairman, Mrs. H. H. Wishart; publicity chairman, Mrs. O. M. Hirsch; rules chairman, Mrs. E. W. Powell;

Special events chairman, Mrs. C. J. Payne; telephone chairman, Mrs. George Grace; tournament chairman, Mrs. W. D. Lewis, and trophy chairman, Mrs. W. W. Cobb

On the schedule is a golf clinic to be conducted by the club pro "Mac" McClure. The clinic begins

Holy Name Society To Hold Breakfast

The Holy Name Society of St. John of God, Redstone Arsenal, will hold its monthly Community breakfast on Mar. 18. All men are urged to attend 0845 Mass and to receive communion in a body.

The breakfast will be held immediately following Mass at the NCO Club. Elections of vice president and secretary will take place at this meeting. The nominating committee have made the following nominations: Vice President—Lt. Col. W. J. Fries; Maj. J. J. Sullivan, Maj. R. Funke and Maj. J. Will; Secretary—Capt. J. Harris, Lt. Harvey Eastman and Lt. Walter Ptaskiewicz. Nominations can be made from the floor during the meetings.

at 9 a.m. on Mar. 20. To join the Golf Group, individuals must be members of the Officers Wives Club.

Discussion also included the tee off time on Wednesdays when the course is reserved for the golf group. While the season is cool, tee-off will begin at 9 a.m., and when the weather turns warmer it will be 8 a.m.

The Golf Group is now a member of the Women's Alabama Golf Association.

The local tournament next week will be a conversion of the three worst holes to par.

VOLUNTEERS HOLD COFFEE MAR. 5

Redstone Arsenal Red Cross Volunteers held a coffee Monday morning, Mar. 5, in the Rocket Room of the Officers Club.

It was the first coffee of the year, and included approximately 45 volunteers.

Among those attending the event were Mrs. J. Carlton Lee, volunteer field consultant from Birmingham; Clarence Wells, executive director of the Madison County Red Cross; Richard Spene Kiser, on-post chairman of volunteers, and Mrs. Paul Schuppener, Gray Lady chairman.

Mrs. R. W. Burkett was in charge of the event, and was assisted by Mrs. J. S. Farrington. Serving were Mrs. F. L. Furphy, Mrs. A. C. Macey, Mrs. Paul Schuppener, and Mrs. J. S. Farrington.

MRS. RENAUDIN AND MR. PATTON WIN AT BRIDGE

For Monday night Party Bridge five tables were in play at the Squirrel Hill Officers Club.

Winners for the men were Mr. Winford Patton, high, and Lt. Col. John Severeid, second.

Winners for the women were Mrs. William Renaudin, first, and Mrs. James Clift, second.

Reservations to play with the Group are handled by Mrs. Severeid.

MRS. DOBBS WINS THURSDAY BRIDGE

Party bridge, sponsored by the Redstone Arsenal Officers Wives Club on Thursdays, drew eight tables of players to the Squirrel Hill Officers Club last week.

Mrs. Stephen Dobbs scored high with Mrs. Robert Fleagle second and Mrs. R. J. Javins, third.

The Group meets between 10 a.m. and 1 p.m. Lunch is served at the club.

Reservations are being handled by Mrs. P. W. Simpson during March.

Births at Post Hospital

Scott Joseph Smith, 6 lbs., 8½ ozs., Mar. 1, son of SP4 and Mrs. Billy J. Smith.

Michelle Renee Lamoree, 5 lbs., 5 ozs., Mar. 1, daughter of SSgt. and Mrs. Harry A. Lamoree.

Kathleen Marie Mitchum, 7 lbs., 6 ozs., Mar. 2, daughter of 1st Lt. and Mrs. Charles H. Mitchum.

Douglas Edward Woods, 7 lbs., 8½ ozs., Mar. 5, son of Capt. and Mrs. Robert P. Woods.

Stephen Arthur Harris, 7 lbs., 11½ ozs., Mar. 5, son of Capt. and Mrs. Stephen A. Harris.

Paula Kay Lumpkin, 8 lbs., 3¼ ozs., Mar. 5, daughter of Sfc and Mrs. Paul T. Lumpkin.

Laurent Algans, 7 lbs., 4½ ozs., Mar. 5, son of 1st Lt. and Mrs. Jean J. Algans.

David Garvin Alcock, 8 lbs., ½

DAV Commander Will Visit Local Chapter

Francis R. Buono, National Commander of the Disabled American Veterans, will visit Huntsville Chapter 26 on Mar. 17 and 18.

SFC George A. Rauh of the Signal Detachment, OGMS, Chapter Junior Vice Commander, is chairman of the Entertainment Committee. Other members of the committee are J. A. Aschauer, OGMS Registrar and S. R. Luna, Education Specialist with FAM Division, OGMS.

The committee is currently taking reservations for the commander's dinner to be held at the Holiday Inn Motel on Mar. 17 at 7:00 p.m.

A "New members coffee hour" is scheduled at the Holiday Inn Restaurant for Sunday, Mar. 18 from 1 to 2 p.m. Members who have recently joined the chapter are invited to attend by the committee.

Commander Buono will be here to kick-off the 1962-63 membership drive for the chapter, and the chapter officers invite all arsenal personnel who qualify to meet the DAV national commander at the coffee hour.

Charles G. Alcock.

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At the Service Club

The Shamrock is the theme for our activities this week. A St. Patrick's Day Dance Game Party are two events planned to welcome the big day.

The Beginners Dance Classes will start at 1830 hours tonight and the Advanced Dance Classes will begin at 2000 hours.

Thursday evening Card Games will be played on March 15, at 1930 hours.

Later, at 2000 hours, Charlie Lyle and his combo will furnish the music for a St. Patrick's Day Dance. The Huntsville and the Birmingham Hostesses will be here to dance with you to the "up tempo" sounds.

Here's a note of interest to all chess players: a Chess Contest will take place on Friday, March 16, at 2000 hours. Who knows! You may be the champion for March.

A St. Patrick's Day Game Party will be held on Saturday, March 17, at 2000 hours. Prizes will be awarded to the winners of the card games and other small games. Refreshments will be served at 2030 hours.

Coffee and Donuts will be served on Sunday, March 18, at 0930 hours.

Dance Craze is the theme for the Record Dance on Sunday evening at 1900 hours. Whether you like the Cha Cha Cha, the Bop, the Twist, or a slow tune, the Disk Jockeys will play that special tune for dancing.

Game night will take place on Monday, March 19, at 2015 hours.

The Square Dance Classes have been enjoyed by those who have participated. We would like to invite more single girls and Enlisted Men to attend these classes. Mark your calendar for Tuesday, March 20, at 1930 hours for in-



LOGISTICS STAFFER—Sue Marker of Gadsden is this week's Rocket pinup. Miss Marker is a graduate from Glencoe high school and Gadsden Business school who likes reading and bowling for relaxation and recreation. She joined the Army Ordnance Missile Support Agency Logistics office in November, 1961.

structions in good old fashion square dancing.

MISCELLANEOUS

Pvt. James Vogel, 3rd ETC, and Sgt. Clarence Stobaugh, Hq. & Hq AOMSA, were the winners of the Ping Pong Contest this month.

Pvt. Aroto Giuseppe, known to those who visit the Service Club as Alias Joe, has joined the Disk Jockey crew on Sunday evenings.

Don't forget to sign up for the Post-Wide Pinochle Tournament, starting March 25.

See you at the Service Club.

— Betty

ENTERTAINMENT SECTION

By Brett Combs

During my four weeks as Entertainment Director, I have noticed the many activities missed by the personnel stationed here.

This applies not only to the activities in the Entertainment Section, but at the Service Club and Special Services in general.

You can take in a round of golf at the Golf Course, or bowl a couple of lines at the Bowling Lanes. A new workout facility and two handball courts are available in the troop area, as well as tennis courts. Use them, as they are there for your use.

Something is always going on at the Service Club, everything from card games and shuffleboard to square dance lessons and live shows. Make a habit of going to the Service Club. It's Free!

Since I am a serviceman and in the same situation as others who are stationed here at Redstone Arsenal, I am trying to plan things that most of you would like to see or do.

The first of these is the Post Wide Talent Contest on March 23 at 1930 hours. Anyone who has an instrumental group, can sing or dance, or would like to put a short skit together, should enter the contest.

A meeting will be held on March 20 at the Service Club, 1900 hours for those who are interested in participating. If you cannot come to this meeting on Tuesday, contact me at 876-4531.

A Variety Show will follow the

Industrial Directorate Birthday Is Celebrated

The officers and wives of the Industrial Directorate, AOMC, recently celebrated the second birthday (2 months old) of the formation of their new organization.

The dance party at the Officers Club was attended, by approximately 90 guests. Highlight of the evening was a Caribbean Limbo Contest with fifteen contestants. Lt. Col. H. A. Brotherton, the tallest man present at the party (5 ft., 14 in.) was the winner of this hard-fought competition. In carrying out the theme of the birthday party, a large cake with two candles was brought out at intermission. Instead of being an ordinary cake, it was a huge cake, formed with cheese dip.

Col. H. H. Wishart, Director of the new organization, blew out the candles and gave a speech of welcome to the celebrants.

contest on March 29 at 2000 hours at the Service Club. The show will be comprised mostly of the winners of the contest.

On April 19 we will present an "Evening of Comedy." This show will consist of two one-act plays that I am sure you will enjoy.

We will have our second production meeting tomorrow, March 15. Those who have had previous show experience, please do not hesitate to come. I will add, also, that those who are not familiar, but are interested in show productions, are more than welcome. For any information concerning any of the aforementioned activities, please feel free to contact or call me at the Service Club, 876-4531.

Emory Chorus Due March 19

The Emory University Women's Chorale, of Atlanta, presents its spring concert at the Post Chapel next Monday, Mar. 19.

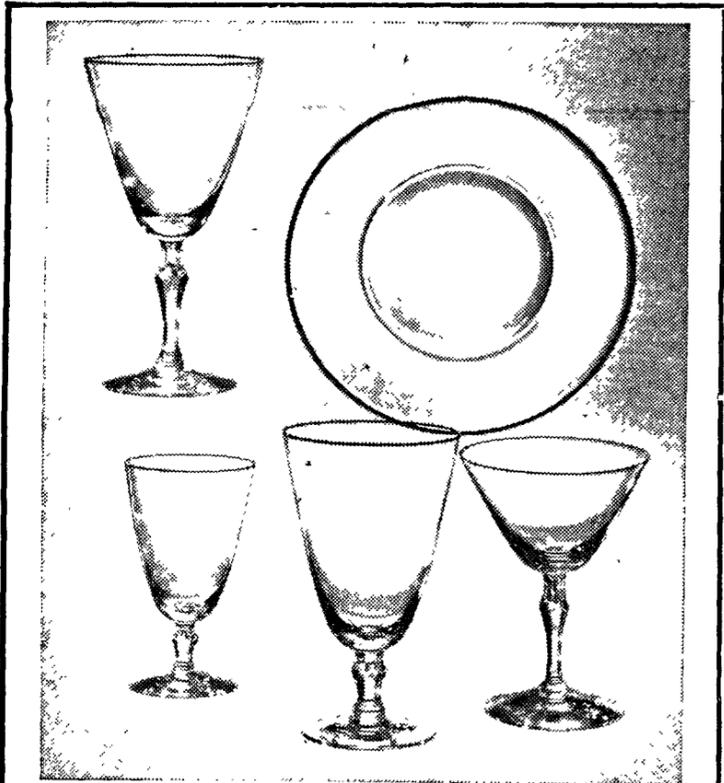
The widely-traveled, 40-member group will perform at 3.30 p.m.; following a tour of the installation. The Chorale is presently on a tour of engagements through the South, and has a number of performances scheduled in this area.

Robert Sterling Beckwith, Assistant Professor of Music at Emory University, directs the Chorale. He is a Harvard graduate and has attended the conservatories of Rome, Paris, Salzburg and Fountainbleau. He is a former assistant director of the Julliard Opera Theatre in New York.

In recent seasons the Emory singers have appeared in concert as guests of leading universities, civic organizations and churches throughout the Carolinas, Virginia, Maryland and Washington, D. C. The latter was highlighted by concerts at the Army's Walter Reed Medical Center and at the U. S. Naval Academy.

The Chorale joined with the Emory University Men's Glee Club in appearances with the duo-pianists, Vronsky and Babin, in the Atlanta Symphony series. The groups combined once more last Christmas to present the Magnificat and the Christmas Story of Schuetz, both in public concert and on television.

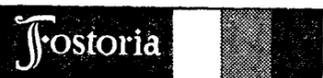
Monday's performance is expected to run approximately one hour, and is being offered for the enjoyment of all military and civilian personnel at Redstone.



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Books In Review

A HISTORY OF LATIN AMERICA by Robert Herring (Knopf, 845 pp. \$9.50)

A newly revised and updated standard history of the lands south of our border, this volume is written so interestingly that it makes the absorption of fact practically painless. There are duller novels.

Beginning with a description of the lands and the peoples of Central and South America, Herring first covers the Indian and Spanish background and devotes a chapter to a frequently overlooked aspect, that of the African heritage.

He then covers each country individually, with special attention to unique Brazil, and to Mexico, dealing with economics and culture as well as history. Throughout, he takes the refreshing point of view that "It is easy to over-emphasize the pomp of kings and viceroys and to forget the much greater importance of the price of corn." The conquistadores, the search for El Dorado, are described, but the basic life of little men whose names do not appear in the pages of history weighs more heavily in Herring's assessment.

There is a special chapter devoted to relationships between the United States and Latin America, a subject much under discussion in the headlines of today.

The author is well-acquainted, having served as executive director of the Committee on Cultural Relations with Latin America for more than 30 years. He is a Professor of Latin American Civilization and the writer of several other books on the area.

No history, unfortunately, can keep up to the events, but Herring has caught up to 1960, and his book makes a very fine basis for comprehending the current situation in Latin America. Well-balanced, well-written. Maps, tables and a reading list.

DEFEAT INTO VICTORY by Field Marshal the Viscount Slim (McKay, 468 pp., \$6.50).

The difficulties of jungle warfare in Burma have been related before, notably by Charlton Ogburn in "The Marauders" and John Masters in "The Road Past Mandalay." Slim's memoir, notable for the excellence of writing and for the humility of its author, is the account of the commander responsible for rejuvenating a defeated army and leading it to victory.

Slim attributes the loss of Burma to the lack of a clear strategic objective for the forces in the field. He credits the creation of a unified headquarters as the first step toward ultimate victory: "Where Allied forces are operating together there is no effective solution other than a Supreme Headquarters."

Japanese leadership became confused when well-laid plans went awry, but the "obedience and ferocity" of the individual soldier, who Slim does not credit with any special aptitude for jungle warfare, made for tough, diehard re-

sistance.

The general gives high marks to the Asian soldier, who "by background and living standards (is) better fitted to endure hardships uncomplainingly, to demand less in the way of subsistence or comfort, and to look after himself when thrown on his own resources," than the city-bred Westerner.

He also stresses the importance of tactical air support, air supply and air movement, noting the rapidly with which his planning began to consider the use of air as a normal, integrated element.

This is a commander's report and, as such, of interest to military readers. It is also so well written as to hold the casual reader, for Slim deals with human elements as much as he does with military maneuvers. Refreshingly, he admits command errors and credits all of the Allied forces with a share in the victory.

Most of all, he pays tribute to the individual soldier: "The soldiers of many races . . . belongs the true glory of achievement. It was they who turned Defeat into Victory."

CHE GUEVARA ON GUERRILLA WARFARE (Praeger, 85 pp., \$3.95)

As W. W. Rostow noted in the September Foreign Service Journal, ". . . now Latin America faces the danger of Cuba's being used as

the base for training, supply and direction of guerrilla warfare in the Hemisphere." Guevara's text is thus peculiarly pertinent to affairs of the moment.

Maj. Harries-Clichy Peterson USMCR, provides an interesting introduction, comparing Guevara's concepts with those of Mao Tse-tung, making the point that "until diplomatic, social and economic means eradicate the causes that create fertile soil for Communist revolutions, it will be the military man who safeguards our national security."

The book is a terse text, interlarded with the usual Communist gobbledegook and with low bows toward Castro as a leader, of every aspect of guerrilla operations, from the organization of the clandestine band which forms the initial core, through strategy and tactics, and including directions on sabotage, propaganda, medical care and even the role of women. It is a useful book for military men of all services to know.

Praeger also publishes Mao Tse-tung on Guerrilla Warfare, translated and introduced by Brig. Gen. Samuel B. Griffith, USMC (ret.) and Communist Revolutionary Warfare a study of the Vietnam by George K. Tanham of the RAND Corp.

Hear about the absent-minded professor who got up and struck a match to see if he had blown out the candle?

OPENINGS ANNOUNCED

The U. S. Board of Civil Service Examiners has issued two announcements of openings in the fields of digital computer system analysts and of general equipment repairers.

The first is on Announcement No. 5-35-1 (62) and calls for analysts in the grades of GS-9 (\$6435 a year) to GS-12 (\$8955 a year).

The second is Announcement No. 5-35-2 (62) and carries a W-8 rating (\$2.40 per hour).

TO CELEBRATE FOUNDERS DAY

Founders Day will be celebrated by graduates from the U. S. Military Academy tomorrow night at the Squirrel Hill Officers Club beginning at 6:30 p.m.

Brig. Gen. Richard G. Stilwell

OGMS Officers Plan Leprechaun's Ball

The Leprechaun's Ball at the Squirrel Hill Officers Club on Mar. 17 will be sponsored by officers from the Ordnance Guided Missile School.

An Irish menu is planned in the dining room and Chey When between 7:30 and 8:30 p.m., with Happy Hour in the Redstone Room and Chey When.

Dancing starts at 8:30 in the Hawk Room to the music of the Gene Louis Sextette.

is scheduled as the principal speaker. At present he is Commandant of Cadets at the Academy.

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Registration on March 22 and 23

SCHEDULE OF CLASSES

Classes Meeting on Mon. & Wed. 1. First Period (5:50-7:55 p.m.)

Course Title and Prerequisite	Sem.	Hrs.	Cr.
ACC 1 Principles of Accounting—None		3	
AE 132 Aerodynamics of Compressible Flow—MA 51, MH88, ME 95. Problem sessions; Fridays 6-9 p.m.	5		
CH 1 General Chemistry (Lab. Fri. 6-10) — MA 9	4		
DR 5 Fundamentals of Mech. Drawing (6-10) — None	2		
EC 11 Principles of Economics—None	3		
EE 54 Electric Circuits—EE 51, MA 51	3		
EE 212 Network Synthesis—EE 211	3		
EE 215 Solid State Electronics—EE 136	3		
EFT 2 English Composition—EH 1	3		
EH 45 English Classics (for Engr. & Comm. students)—EH 2	3		
EH 184 Technical English—EH 1-2 or 41-42 and Jr. Standing	2		
GES 221 Graduate Engineering Analysis I (4-6) MA 53	3		
HY 1 History of Western Civilization—None	3		
IE 53 Manufacturing Process—Soph. Standing	3		
MA 01 High School Algebra—None	NC		
MA 9 College Algebra—See footnote	3		
MA 11 Introductory College Mathematics—See footnote	3		
MA 25 Analytic Geometry and Calculus—MA 15; 11 recom.	3		
MA 98 Introduct. to Theory of Differential Equations—MA 91	3		
MH 80 Fluid Mechanics—MH 56, ME 95	3		
MH 258 Advanced Dynamics—MH 56, MA 53	3		
MH 262 Advanced Mechanics of Materials II—MH 64	3		
MTE 153 Structures of Metals and Solids—MTE 107, GEO 9	4		
PH 7c Technical Physics (Electricity and Magnetism), (Lab. Th. 5-8)—PH 5c or 6c	4		
PH 102 Introduction to Theoretical Physics (4-6)—PH 85	3		
PHL 6 Ethics—Soph. Standing	3		

2. Second Period (7:55-10:00 p.m.)

ACC 2 Principles of Accounting - ACC 1	3		
BIO 2 Animal Biology (Lab. Fri. 6-10) - None	4		
CH 241 Advanced Physical Chemistry - Grad. Standing or Permission of Instructor	3		
EH 03 Fundamentals of English - None	NC		
EH 1 English Composition - See Footnote	3		
EH 41 English Composition for Engineers - see footnote	3		
GR 1 Elementary German - None	3		
IE 55 Introduction to Engineering Statistics - MA 49	3		
*INV 1 Investments (Mon. only) - None - Begins April 2	NC		
*INV 2 Investments (Wed. only) - INV 1 - Begins Apr. 4	NC		
*Madison County History to 1860 (Wed. only) - none Begins Apr. 4	NC		
MA 02 Plane Geometry — None	NC		
MA 15 Trigonometry—MA 9 or MA 11	3		
MA 182 Theory of Statistics II—17 hrs. of MA	3		
ME 140 Heat Transfer—ME 95	3		
MH 64 Mechanics of Materials—MH 55, MA 51 (Friday sessions first seven weeks)	4		
MKT 1 Industries and Commerce—None	3		
PH 5c Technical Physics (Lab. Tue. 5-8)—MA 25 or parallel	3		
PH 53 Introduction to Atomic and Nuclear Physics—PH 7c	3		
POL SC 3 Functions of American Government POL SC 1	3		
PSY 1 Introduction to Psychology—None	3		

Boldface symbols indicate Graduate Study Program Courses.

*All Students wishing to take this course must complete a special application form whether they are admitted to the University or not. Forms may be obtained at the Registrar's Office, Room 106.

Classes Meeting on Tues. & Thurs. 1. First Period (5:50-7:55 p.m.)

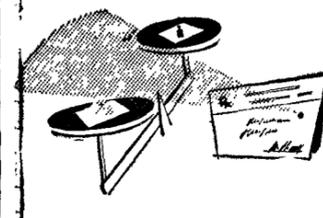
Course Title and Prerequisite	Sem.	Hrs.	Cr.
ACC 101 Cost Accounting—Perm. of Instr.			Cert. Cr.
ART 7a, 7b; 8a, 8b Design and Orientation (Tue. only 6-10)—None (each part)			1½
*DCF 1 Digital Computer Fundamentals I—None—Begins April 3			NC
DR 11 Engineering Drawing (6-10)—None			2
DR 42a, 42b Production Illustration (Th. only 6-10)—DR 11 (each part)			1
EE 51 Fundamentals of Electrical Engineering (Prob. sessions Fri. 6-9)—PH 6c, MA 49			3
EE 201 Transients in Linear Systems—EE 134			3
EE 210 Analog Computer Techniques—MA 53, Grad. standing or Perm. of Instr.			3
EE 218 Computer Design—EE 171			3
EH 1 English Composition—See footnote			3
FR 2 Elementary French—FR 1			3
GR 9 Scientific German—GR 1, 2			3
HY 91 Europe 1500-1815—9 hrs. of HY or Perm. of Instr.			3
IE 255 Statistical Methods for Engrs.—MA 51 & Perm. of Instr.			3
MA 15 Trigonometry—MA 9 or 11			3
MA 49a Calculus and Analytic Geometry—MA 25			3
MA 49b Calculus and Analytic Geometry—MA 49a			2
MA 115-R Mathematical Logic—17 hrs. of MA			3
MA 129 Numerical Analysis—17 hrs. of MA			3
MA 144 Determinants and Matrices—17 hrs. of MA			3
MA 259 Theory of Differential Equations—MA 254			3
ME 136 Thermodynamics II—ME 95			3
ME 151 Thermal and Mechanical Systems—ME 136, ME 140, MH 80			3
MH 55 Statics—MA 49, PH 5; Pre or parallel MA 51			3
MH 366 Theory of Plates and Shells—MA 53			3
MH 382 Theory of Flow of Viscous Fluids—MH 281			3
PH 72 Intermediate Mechanics (Prob. sessions Fri. 6-8) MA 51			4
PH 201 Classical Dynamics—24 hrs. of PH			3
PH 232 Electromagnetic Theory II—PH 231			3
RUS 3 Intermediate Russian—RUS 2			3
SOC 1 Introduction to Sociology—None			3

2. Second Period (7:55 - 10:00 p.m.)

EC 12 Principles of Economics—EC 11			3
EH 2 English Composition—EH 1			3
EH 5 English Literature—EH 2			3
FIN 51 Money and Banking—EC 11, 12			3
FR 3 Intermediate French—FR 2			3
GR 3 Intermediate German—GR 2			3
HY 21 The United States to 1865—None			3
IE 105 Engineering Economics—Sr. Standing			2
MA 9 College Algebra—See footnote			3
MA 25 Analytic Geometry & Calculus—MA 15; 11 recom.			3
MA 51 Calculus—MA 49b			3
MA 76 Solid Analytic Geometry—MA 51			3
PH 6c Technical Physics (Heat, Light, Sound) (Lab. Mon. 5-8)—PH 5c			3
PSY 52 Developmental Psychology—9 hrs. of PSY			3
SOC 8 Urban Sociology — SOC 1 or EC 12			3

SATURDAY CLASSES (on campus)
ME 138 Mechanical Engineering Lab.—ME 95, ME 140 1
MH 85 Mechanics of Materials Lab.—Pre or parallel MH 64 1
Registration for these courses will be at at Huntsville Center. (MH 85 dates are March 31, April 14, April 28, and May 12).

FOOTNOTE: Students are placed in appropriate sections of beginning English and Mathematics depending on score made on placements tests which will be given on March 9, 22, 26—Math, 6:00 p.m.—English, 7:00 p.m. on these dates.



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Persons desiring to enroll at the Center for the first time should submit applications for admission well in advance of the date of registration. Applications for admissions and transcripts of high school or college records must be filed with the Center Registrar and approved by the Office of Admissions on the main campus before registration. Application forms and information on admissions are available at the Center Office.

For further information concerning these courses contact the University Center offices in the Huntsville Center Building on University Drive, West, Telephone 539-7731.



EXERCISE RED HILLS—Riflemen of the United States Strike Command (501st Airborne Battle Group) ride a M-48 tank during an attack on aggressors (187th Airborne Battle Group) in the final stage of Exercise Red Hills. The two week maneuver, held in Kentucky, also included the 101st Airborne Division and elements of the Tactical Air Command (TAC).

Contracts for Shillelagh And Hawk Are Awarded

Two contracts totalling \$5,211,307 for further development work on the Shillelagh guided missile, and for production of Hawk air defense guided missile components were awarded this week.

A \$1,664,894 award to the Ford Motor Co. Aeronutronics Division funds continues development of the Shillelagh at their Newport Beach, Calif., facility.

The Raytheon Co. received \$3,546,413 for production of ground support equipment for the Hawk at Andover and Waltham, Mass., Bristol, Tenn., and Oxnard, Calif., plants.

The Shillelagh is being designed as a lightweight surface-to-surface guided missile system for close-in support of troops.

The Ordnance Tank-Automotive Command, Detroit, Mich., is responsible for system development, and the Army Ordnance Guided Missile Command supervises development of the missile.

The Los Angeles Ordnance District will administer this contract.

An operational air defense system, the U. S. Army's Hawk was



GIRL SCOUT ROUNDUP—Mrs. Charles U. Culmer of Libertyville, Illinois, national president of Girl Scouts of the U.S.A., meets at White Plains, N.Y., with Charles G. Mortimer, chairman of General Foods Corporation, to complete arrangements for filming the 1962 Girl Scout Senior Roundup. The 10-day encampment of 10,000 teen-age girls and adult leaders in Vermont next July will be filmed by General Foods and presented in an hour-long telecast over the CBS nationwide network in September. Roundup will be a highlight of the 50th anniversary of Girl Scouting which is being celebrated this year by 3,500,000 members.

designed to defend against high performance aircraft attacking at tree-tip level.

The Hawk system was developed by the government.

In addition, dividends on Government and National Service Life Insurance, and state bonus payments received under WW II and Korean veteran's bills are non-reportable income.

However, it should be pointed out that the form W-2, listing the servicemans income has taken the exclusion into account, and they are accordingly, not included in taxable income under the item gross wages on that form.

ed under the technical supervision of AOMC.

The Boston Ordnance District administers the Hawk contract.

PROTESTANTS TO MEET

The Protestant Men and Women of the Chapel will hold a Christian fellowship meeting and pot-luck dinner at 6:30 p.m. tomorrow night in the Social Room of the Chapel.

Bud Sparling is program chairman. Mrs. Karol Wilson is handling reservations.

The sponsors are inviting all Protestants to attend.

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On Armed Forces Tax Returns Use of Special Rules Reduces Income Tax

Federal Income Tax Deadline Is Near

All of the military personnel at Redstone Arsenal are nearing the annual Federal Income Tax deadline of April 15.

Like everyone else, servicemen follow the general rules on exemptions, reportable income and deductions in filing their tax forms. But there are several special rules that apply only to service personnel.

For tax purposes, income is divided into two groups, reportable and non-reportable yearly earnings. Reportable income includes base pay, flying pay, doctor-dentist pay, foreign duty pay and the like.

Mileage and per diem allowances

are also reportable in the amount they exceed actual expenses. If expenses exceed allowances, then a deduction on that amount can be made, if deductions are itemized on form 1040.

However, quarters and subsistence allowances are not taxable. Also non reportable are:

- * Rations furnished in kind.
- * Government allowances for transporting dependents and household goods.
- * Mustering out pay.
- * Uniform and monthly uniform maintenance allowances.
- * Oversea station per diem allowances (housing, cost-of-living and transportation).
- * That part of the Class Q (family quarters) allowance contributed

WHY NOT LET US PLAN YOUR NEXT PARTY OR BANQUET IN OUR BEAUTIFUL AZALEA ROOM?

Seating Capacity up to 200

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than 1% on unpaid balance monthly. GEFC financing charges are LOWER than credit unions, and banks.

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FORT WORTH, TEXAS

MONEY

Just tell us how much you need to pay old bills, for home improvements, car repairs, for all your seasonal expenses! Phone before noon to arrange for your money the same day.

TAKE 24 MONTHS TO REPAY!

Cash You Receive	24 Monthly Payments	Cash You Receive	24 Monthly Payments
\$408.57	\$20	\$945.71	\$46
570.00	28	1117.13	54
650.71	32	1717.13	82

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GUARANTEED USED CARS (Our Cars Carry a 30 Day Guarantee)

SALE AT BOTH BIG LOTS!!! NO MONEY DOWN

501 MADISON STREET
(Across From Madison St. Branch of First National Bank)

NO MONEY DOWN EVERY CAR REDUCED FOR THIS SALE!!!

3 to Choose From:
'59 FORD GALAXIE 2-DR.
Hardtop, V8, A/T, R&H, new tires, one owner
30,000 miles.
Was \$1695. — NOW **\$1495.00**

'55 CHEVY 2-DR.
Hardtop Sport Coupe, V8, A/T, R&H, power steering and brakes. Like new.
Was \$795.00 — NOW **\$695.00**

'58 CHEVY IMPALA 2-DR.
Sport coupe, V8, A/T, R&H, Tutone tan, One owner, like new.
Was \$1495. — Now **\$1295.**

'59 MERCURY 4-DR.
Sedan, A/T, R&H, 5 new tires, local one-owner. Beautiful white with white wall tires.
Was \$1595 — Now **\$1495.**

'61 PONTIAC Bonneville
Convertible, black with black top. Maroon interior. Power brakes and steering. One owner. 9,000 miles.
Like New — **\$2995.00**

'59 CADILLAC 4-DR.
Hardtop "62", Power steering & brakes, jet black, one owner car.
Was \$2995. - Now **\$2795.**

'58 CHEVY 4-DR.
Sedan, V8, A/T, power steering and brakes, R&H, new tires. Like new.
Was \$1095. - Now **\$995.**

'57 PLYMOUTH 4-DR.
V8, A/T, R&H, solid white.
Was \$795 — Now **\$595.**

'58 T-BIRD CONV.
White with black top. Has everything on it, including new tires.
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WE FINANCE PFC's & UP With No Money Down

'57 CHEVY 2-DR. '210'
'6' cyl., stick shift, one owner, 30,000 miles, R&H, new tires.
Was \$1095. - Now **\$895.**

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'6' cyl., new tires, 33,000 miles.
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'59 OLDS 2-DR.
R&H, new tires, fender skirts, 22,000 miles, like new.
Was \$1695. - Now **\$1595.**

'59 CHEVY 2-DR.
V8, A/T, R&H, new tires with fender skirts. Sharp!
Was \$1695. - Now **\$1595.**

'55 FORD 2-DR.
Hardtop, V8, A/T, one owner, like new, 45,000 miles.
Was \$795. — Now **\$695.**

'57 DeSOTO 2-DR.
Sportsman, Hardtop, beautiful blue & white, power steering and brakes, R&H.
Was \$995. — Now **\$795.**

'56 PLYMOUTH 4-DR.
Savoy, '6' cyl., A/T, R&H, new tires.
Was. \$595. — Now **\$495.**

'57 CHEVY 4-DR.
Hardtop, Bel-Air, V8, A/T, R&H, Black with red interior, extra clean.
Was \$1295. - Now **\$1095.**

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CLEAN CARS INC.

501 MADISON ST.
Phone 539-1769

and

220 W. CLINTON ST.
Phone 534-4544

United Nations Plaza Now Has 101 Flags

New York (AFPS)—Admission of the West African nation Sierre Leone to the United Nations brings its membership to an even 100—exactly double the number that signed the U. N. Charter in 1945 at San Francisco.

This means that 101 flags now fly in the U. N. Plaza beneath the great glass and steel headquarters of the world organization that overlooks the East River in New York. For the 101st flag is the pale blue U. N. banner with its white emblem of a globe wreathed in olive branches.

Governing the brilliant rainbow display of national colors are strict rules of protocol, one of which requires that all 100 banners be flown at exactly the same height in alphabetical order. An exception to this is made when a new U. N. member is admitted. Then its flag flies in a central position of honor for one day before taking its proper alphabetical place.

The array of colors now begins with Afghanistan and ends with Yugoslavia, with the U. N. banner flying above them all. They are raised every morning by six members of the security guard unless the weather is inclement.

When a chief of state or a U. N. officer dies, all 100 flags are not flown for one day, but the U. N. colors remain at half-staff. In the case of the late Secretary General U. Thammarskjold the flags were lowered until his funeral.

The variety of their colors and

the symbols and designs on the banners fascinate visitors to the plaza. The blue and white flag of Guatemala is adorned with that country's national bird, the green and scarlet quetzal. Nepal's double-triangle standard is unique, suggesting the peaks of the Himalayas, with two human faces symbolizing the sun and the moon.

On the blue field of the Australian flag, along with the Union Jack and a single star, is a five-star constellation representing the Southern Cross. Cambodia's banner is more exotic, with the great temple of medieval Angkor Wat dominating a red central stripe.

Brilliant colors also mark the flags of such African states as Congo, Ghana, Cameroun, Dahomey, Mali, Senegal and Guinea. Four are plain and three have symbols — a green star for hope, a black star for African freedom, and a human figure representing faith and dedication to the soil.

All have stripes of green, yellow and red arranged horizontally, vertically and diagonally, chosen by the former colonies to proclaim their African unity.

If all crippled children and adults who received treatment from Easter Seal centers last year were gathered together they would comprise a city the size of Ft. Worth, Texas. There were 236,401 of them. The 34th largest city in our country!

Special Forces Guardsmen Train

Most of the officers and men in the 20th Special Forces National Guard Group of Huntsville are employed at Redstone Arsenal—spend their weekends training as National Guardsmen following a motto of "Anytime, anyplace, anywhere."

To qualify with the Special Forces detachments in Huntsville, members must go through school and qualify.

Qualifying isn't the end. The men jump at least once every three months.

Jumping is only one phase of training. Physical fitness and being able to live off the land behind enemy lines are musts for men in the Special Forces who work in small teams with an average of ten men and two officers.

Every man must be a specialist. But each man must also have a knowledge of working as a medic, in communications and in demolitions.

"Anywhere, anytime, anyplace," is also how they jump although the most intensive training has been at Ft. Bragg, Ft. Benning and Ft. McClellan for the men in this area. This summer, during their active duty training, they will be



READY!—Members of the 16th Arty., 4th Inf. Div. prepare to fire a 105mm howitzer during a readiness test held in the Knolls Hill area of Ft. Lewis, Wash. The gun crew, (left to right) SP4 Harmando R. Gonzalez, SP4 Charles H. Sowers (Phoenix, Ariz.) and PFC Vincent E. Acosta (N. Redondo, Calif.), is from A Battery, 5th Howitzer Bn., 16th Arty.

in the Rocky Mountains.

According to Capt. Bill Martin of Thiokol, these men must be skilled in all the "unfair" aspects of war. He commands one of the three operational detachments

here and Capt. Lee Cone of the Army Ordnance Missile Command, commands another. The third detachment in Huntsville is commanded by Capt. Tom Sharp, a local businessman.

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3 Bedroom Brick .. \$13,500 to \$14,650

UNIVERSITY PARK
3 & 4 BR Bricks \$18,100 to \$20,000

WESTBROOK
Priced From \$15,500 to \$17,500

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LOVE SUBDIVISION
For Colored 3 Bedrooms

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Priced From \$18,000 to \$18,200

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Priced From \$17,600 to \$17,900

— OPENING SOON —

Allison & Bass Will Open Beautiful BERRYHILL SUB-DIVISION on Ardmore Highway PRICED — \$15,500 to \$17,500

All of the Above Homes Are 3 or 4 Bedroom Bricks and 1 & 2 Baths

IF WE DON'T HAVE A HOME IN ONE OF THE ABOVE SUB-DIVISIONS WE WILL BUILD YOU ONE.

Many Equities For You To Choose From!

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Home Buyers Tell Us They

SAVE \$3000

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SHERWOOD PARK

100% GI Loans
On Fine 4 Bedroom And Den Air Conditioned Homes. Small FHA Down Payments.

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LAKWOOD

YOU'RE INVITED To Our Trade-In Program

809's If You Have Out-grown Your Present Home

You can now get a second 809 loan by selling or trading us your present home on one of our beautiful 3 and 4 bedroom with den brick homes.

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"Huntsville's Finest"

4 HOMES READY FOR OCCUPANCY

10 Homes Under Construction

3 & 4 BEDROOMS, KITCHEN & FAMILY ROOM COMBINATION, 2 BATHS

Now is the time to select your brick and interior colors. PRICED FROM \$16,600 to \$20,200

Veterans Move In For \$200.00

Minimum Down F. H. A.

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Drive west on Oakwood Avenue four blocks past Pulaski Pike and look for our signs on right.

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MODERN HEALTH Club Services — Central YMCA, 203 South Green St. is offering massages, turkish baths, electric heat cabinets, ultra-violet and infra-red lamps, diathermy sun lamp, swimming pool. Graduate massuer in charge. Phone 534-2444. tfe

ROOMS FOR RENT — Single and double for men with good habits, completely and newly decorated, economically priced. Central Y. M. C. A. Dial 534-6452. tfe

FOR RENT — New 1 and 2 bedroom brick apartments. Completely furnished, air conditioned, electric heat, TV cable, off street parking. Phone 534-6990. tfe

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LAKE FRONT LOTS, Guntersville — Beech Creek, 100'x300', \$1,000.00. Terms. \$100.00 down. \$20.00 per. mo. See T. M. Dorman, call 586-4247 Arab, Ala. tfe

FOR SALE—Ironworkers jackets, and overalls, quality guaranteed. Carhartt, all sizes. Also Liberty carpenters overalls, solid blue and stripes. Union Dry Goods Co., 112 Jefferson St., Downtown Huntsville. tfe

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APPLICATIONS NOW BEING CONSIDERED

Luxurious Living at Moderate Cost

Indoor-outdoor living, soundproof walls and floors, beautiful kitchens, with custom built cabinets, living room drapes by Martin Interiors, choice of beautiful vinyl tile or hardwood floors, complete air conditioning, pre-wired for telephones—TV outlet available, spacious closets, complete laundry facilities (planned) ample parking for residents and guests, play area for children.

Glen Park Apartments Are Conveniently Located Near schools, shopping areas and churches. Only minutes from Redstone Arsenal and downtown Huntsville. But words can't begin to describe the full charm of these apartments; you must see them for yourself . . . right away!

DIRECTIONS Go North on Memorial Parkway to first street past Albert Pick Motel (Mastin Lake Road), go 500 yards—turn left—Glen Park Apartments at end of street.

— **Unfurnished** —
\$97.50 PER MONTH . . . Furnishings Can Be Arranged

HUGH A. SMITH
OWNER - DEVELOPER 534-2652

BELMONT — Transferred, owner selling 3 bedroom brick, 1½ baths, garage, enclosed porch, air conditioned, fenced yard plus many extras. Near schools and Arsenal Gate 1. GI nothing down; FHA minimum down. Immediate possession. 2909 Bayless Dr. S.W. Phone 536-9783. tfe

VOLVO
Magnusson Motors
Athens, Alabama
Your Huntsville Sales Representative
Phone 877-5972

SPECIAL — Beautiful home on Guntersville Lake for reliable person with good job. This 3-bedroom brick-veneer home can be completely financed. Located on excellent lot within city limits. Has very nice living room, dining room, large kitchen, 1½ ceramic tile baths and has central air-conditioning and heating. 108 ft. pier into Guntersville Lake. Will show at your convenience. Call Woodall Real Estate & Insurance Agency, Phone 582-4351. 3-14c

FOR RENT — 2 bedroom unfurnished house on McCormick Dr. \$75.00 per mo. Phone 534-5127 or 534-4551. tfe

AUTO TIRES TRUCK
Up To 65% Off Mfgs. List
NORTH ALA. PRODUCTS
2203 Meridian St.
4 to 8 p.m. — JE 4-0439

FOR SALE — No closing cost, just ½ of equity, take up 4¾% interest loan, 3 bedrooms, 1 and ½ baths. 1180 sq. ft., air conditioned, near Gate 8. Call 539-6803. tfe

CASH! FOR YOUR CAR — we need all makes and models. We will pay you more. We buy and sell imports, too. Texas Auto Sales, phone 536-6121. tfe

NEW, SENSATIONAL — Combination Milling Machine, jig borer, lathe drill press. Guaranteed tool room accuracy at a low price, ideal for laboratory or work shop, phone 539-2022. tfe

Hundreds of Men Now Correspond By Tape

Hundreds of men have already discovered the benefits of corresponding with their loved ones back home simply by recording their voices on tape. Much more personal than a letter, a tape keeps the folks at home closer to the men in service.

Sadina Electronics of Chicago, which has been marketing a transistorized tape recorder for \$39.95, now is offering this same recorder to servicemen for \$34.90. Records up to 30 minutes and weighs only 2½ lbs., yet offers amazing fidelity.

For a free brochure showing details about corresponding by tape and transistor tape recorder, write to Sadina Electronics, 1055 N. Spaulding Ave., Chicago 51, Ill.

ABS SECRETARIAL SERVICE, 408 Clinton Avenue, W., Huntsville, Ala. Phone 534-6451. CALL US FOR: Photocopying, mimeographing, transcribing (Dictaphone), telephone answering. Employment applications prepared (Government and other). Notary Public. (Our office or yours). tfe

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VISIT AL'S BARBER SHOP, 3805 Governor's Drive, S.W. Regular haircuts \$1.00. Your patronage appreciated. 3-14p

FOR RENT — Furnished apartment. Redecorated. Lights, hot & cold water. Use of phone & TV antenna. Ph. 534-5763. 601 Holmes Ave., N. E. tfe

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\$5/10 Bodily Injury
\$5000 Property Damage
\$10.00 year
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PHONE 536-9641

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WHY PAY RENT? Live in a modern duplex home while your neighbor pays all expenses. Call NOW . . . 534-2652. tfe

FOR SALE — In Hartselle's most select residential section, three bedrooms, two baths, brick construction. Storm windows and doors. See at 609 N. Cedar St., Hartselle. Phone SP 3-9300. 3-13c

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BARGAIN SHOE CENTER — Visit our low overhead, owner operated shop. Latest styles, color materials in shoes and bags: lowest prices. Men. Women, and Children. Located 4 miles west of Arab at Standard Service Station, Joppa, Ala. Hwy. 69. Open Sunday. 3-21

1 ACRE LOT FOR SALE: \$2500.00 — approximately 6 miles south of hospital on paved road just off 431 Highway, good location drilled well and trees. For further information, call 536-678 after 5 p.m. 1'

FOR SALE — New nice 3 bedroom house, 1½ ceramic tile bath completely air conditioned, a cess lot to lake. Minimum FHA down payments, in one of Guntersville's nicest sections. Price \$16,250.00. Will build homes in Arab and Guntersville and finance up to 97% FHA on '90' G.I. Cornelius Real Estate & Insurance Co. Marshall County's leading mortgage broker. 521 North Broad Street, Guntersville, AL Phone JU 2-3027. 3-21

FOR SALE — In Guntersville: bedroom, 2 bath home. Dressing room, large family room, fireplace, completely air conditioned. On large lot, landscape with rustic patio, within one block of lake. Save real estate commission. Phone 876-4548 876-1349. After 4:30 p.m. phor Guntersville 582-4651. 3-2

"PROFESSIONAL and personal rubber stamps. 3 line return address \$1.25 plus tax. Call 536-489. tfe

IDEAL VACATION SPOT — fishing, ski, boating, dock, pie launching ramp. Rent furnished modern, 4 room cottage. Right on lake. Available immediately. Apply Nolan Motel, Guntersville. Phone 582-3178. 4'

(Continued on Page 15)

YOU'LL HAVE . . .

The LUCK of the IRISH

DURING OUR . . .
ST. PATRICK'S DAY SALE STARTING WEDNESDAY, MARCH 14TH THROUGH SATURDAY, ST. PAT'S DAY THE 17TH

SAVE \$100.00 OR MORE!

1960 RAMBLER 4 dr., V8. auto. trans., heater, new tires. \$1000.00	1956 CHEVROLET V8, straight stick, 2 dr., radio heater. \$695.00
1959 PONTIAC CATALINA Hardtop. 4 dr., power steering and brakes. solid white. \$1695.00	1956 FORD STA. WAGON 2 dr., Parklane, V8, radio, heater. \$650.00
1958 FORD FAIRLANE '500' 4 dr., Town Sedan, auto., radio heater & power steering. Baby blue and white. \$800.00	1956 CADILLAC Cpe DeVille, beautiful gold & white, power steering & brakes. \$1095.00
1957 CHEVROLET 4 dr. hardtop, 26,000 miles, new set tires. 6 cyl., S. S. radio and heater. \$1095.00	1955 FORD 4 door, V8, radio and heater O'drive. \$500.00
1957 CHEVROLET 4 dr., Wagon, V8, auto., radio heater. 35,000 actual miles. Really nice. \$1095.00	1954 FORD 4 dr., Custom V8, str. stick, radio, heater, solid black and sharp. \$395.00
1956 CHEVROLET 4 dr Wagon, V8, auto, radio, heater, tinted glass. Nice red and white. \$650.00	CHEAPIES! CHEAPIES! . . . \$100.00 & UP! NO MONEY DOWN!



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Wantads

(Continued From Page 14)

FOR SALE — Modern 3 bedroom home at 3608 Grote Street, S.W. Chain link fence, two miles from Gate 1, \$2000 cash and assume 4½% G.I. Loan of \$8,900 at \$58.50 per month, including taxes and insurance. Phone 536-9253. 3-14p

WE BUY Junk and Wrecked Cars, trucks or metal of any kind—anywhere. Call 539-8476 days, 8 to 4 p.m., nights and weekends. Call 536-8433. 3-14c

FOR SALE — Dream house on Guntersville Lake. You will really enjoy the lake and scenery you own this extra nice 3-bedroom brick-veneer home. The price is very reasonable and can be handled for small down payment for the right person with good job. Has large living room with fire place, kitchen with built-in appliances and nice den, two full ceramic tile baths. This house is built of best construction. Will show at your convenience. Call Woodall Real Estate & Insurance Agency. Phone 582-4351. 3-14c

FOR RENT — Two 3-room apartments, one at 417 Clinton Ave., East; one at 419 Clinton Ave., East, air conditioned, off street parking. \$75.00 per month each. Phone 534-5127 or 534-4551. tfe

FOR SALE — Excellent Family Home, brick, 4 bedrooms, 2 full baths, large family room, 1500 sq. ft. Equity or refinance at \$18,500. 808 Chambers Dr., NE. Phone 536-5218. 1tp

FOR SALE — New Hotpoint garbage disposal; also conventional lawn mower, good condition very reasonable. Phone 536-9982. 1tc

FOR SALE — 1953 Chevrolet, str. shift, 4 door, 6 cylinder, W.W. tires, radio, heater, priced for quick sale, \$225.00, or will accept garden tractor, lawn mower or air conditioner on trade. Phone 534-5528. 1tc

FOR LEASE — Reasonable to responsible party. Beauty shop in a house trailer with new, modern equipment. Will move to any part of town. For further information call 534-5528. 1tc

FOR SALE — 19' Glasspar Cruiser, heavy duty trailer, 75 h.p. motor, like new, 4 hours actual running power on motor. Can be seen at corner of Oakwood and Dallas Ave., Phone 536-7279. 1tc

FOR SALE — 1959 Buick Invicta 4-door; power brakes and steering; factory air conditioning; new tires and brakes; excellent condition. \$1750.00. Call 876-4548 or 876-1349. 3-21p

FOR SALE — 1961 Healy 3000, 4-seater, excellent condition, still under new car warranty. Phone 772-3237 after 5:30 p.m. 1tc

FOR RENT — 3 bedroom, 2 baths brick home, 2122 Medaris Road, \$110.00 per mo. Call Bob Beasley 772-6970 or 536-6935. 1tc

FOR RENT — 2 bedroom 50'x10' modern trailer located Whitesway Trailer Ranch. \$95.00 per month. Call Bob Beasley, 772-6970 or 536-6935. 1tc

ATTENTION BEAUTY OPERATOR — 1 operator shop (air conditioned all new modern equipment. 1 Booth unit with orchid shampoo bowl and Hydrolic chair, 2 dryers. 1 air conditioned with vibrator. This shop is pine panelled and is in a house-trailer. Will move to any part of town on 6 mo. lease very reasonable. For more information call 534-5528. 1tc

BUICK — 1959 La Salve model, 4-dr. sedan. Radio, heater, clean, like new. Must be seen to be appreciated \$1945 terms. 536-8444 after 5 p.m. 1tp

FOR SALE — Excellent Family Home, brick, 4 bedrooms, 2 full baths, large family room, 1500 sq. ft. Equity or refinance at \$18,500. 808 Chambers Dr. NE. Phone 536-5218. 1tp

WANTED — Carpool members from Five Points East area to Building 5250, phone 534-8937. 1tc

Control Your Money

Finances All Fouled Up? Try Well Planned Budget

If your finances seem all fouled up, ask yourself this simple question. "What caused me to get into this mess in the first place?"

If your answer is — "Because there never is enough money at the right time" — you probably need to establish a realistic budget.

As a serviceman, you are on a fixed salary. You know how much it is and when you will get it. You also know there are certain obligations or payments that roll around regularly that must be paid.

The Legal Assistance Division in the Army's Judge Advocate General's Office points out that millions of Americans regulate their income and outgo with a budget.

The pitfall and attendant money

FOR SALE — 1961 Rambler American Super, 2-door, 2 tone, W.W. tires, auto. shift, radio, weather-eye, etc. 4,300 actual miles. Owner deceased. Phone 534-0449. 1tc

WANTED — Lady to share 2 bedroom duplex apartment, 1313 Pratt Ave., N. E., phone 534-8937 after 5:30 p.m. 1tc

FOR SALE — ELK RIVER COTTAGE — 2-acre waterfront lot, 2 bedroom, fireplace, living-dining area comb., inside bath, hot-cold water. Furnished or unfurnished. W. G. McGlocklin, 1312 McMillan Ave. B'ham. ST 8-5941 after 6 p.m. 4-7p

FOR SALE — Refinished desk, \$20., chrome dinette suite with 6 chairs. \$50., 3-eye gas stove, \$20. Call 539-3342 or see at 4216 Sheron Rd., N.W. 1tp

FOR SALE — 3 bedroom brick veneer, 2 full baths, family rm., 80'x190 lot, carport, 18 fruit trees, 60 other types of shrubbery. Pay equity, take up payments. Phone 539-6333. 1tc

FOR SALE — Fine German Shepherd puppies from famous blood lines of Rin Tin Tin and Bullet. Phone Decatur, Ala., EL 3-2176 after 5:30 p.m. 4-3c

3 LOTS FOR SALE in Daniel 2nd addition off Jordan Lane, convenient to arsenal personnel. paved streets, city sewage, terms can be arranged. Dan Daniel Construction Co., office phone 534-9809; House phone 536-2106 tfe

troubles come, officials say, when installment buying is over-extended, and when there is no provision for the future through savings, or failure to allow for unexpected expenses.

Here are some suggestions to help you keep the creditors away from your door:

* A budget and record of actual spending should be kept to enable you to know what and how much you can buy.

* Buy only what you can really afford. When tempted by the old slogan "buy now, pay later," carefully consider "later," for there may be more important needs for your money at the time.

* Read any contract you sign.

* Deal with businesses that have a good reputation in the community.

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1960 RENAULT DAUPHINE — 4 dr., new rebuilt engine. A nice car.

1959 PEOGOT 4 dr., black extra clean. \$895.00

1961 - TR3 Local car, 3,500 actual miles. Like new. A real buy.

American CARS

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1957 CHEVYS — 5 to choose from, 2 doors, 4 doors, 8's & 6's. The nicest group of '57's we have had to choose from.

1961 RAMBLER AMERICAN Station Wagon, gray and ivory. 24 m.p.g.

1961 PONTIAC TEMPEST, 4 door, V8, auto., radio, heater, factory air. Only 9,000 miles. Cost new \$3350.00. Make an offer—we must sell.

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1960 RAMBLER AMERICAN — 4 door sedan, white, radio, heater, Continental kit. A nice car.

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1960 CADILLAC, CPE. '62' One owner, 28,000 miles. \$3995.00. Has full power and air.

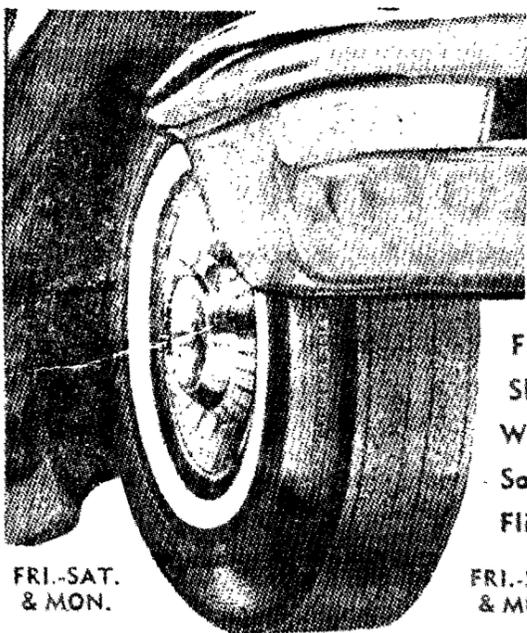
RAMBLER STATION WAGONS, 1959 — (2) Standard shift & auto. Both red and white. Nice automobiles. Choice - \$1495.00

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How Congress Works

**17,000 Bills a Year:
Here's How It's Done**

Every year thousands of bills are proposed in both houses of Congress. During the 86th Congress (1959-60) alone, a total of 17,330 bills were introduced.

Bills may be originated in a number of ways. A Senator or a Representative may introduce a measure he thinks will benefit his district, his state, or the nation as a whole. The President uses his messages to Congress as a means of proposing legislation. Party leaders or members of Congressional committees may introduce bills, and coming down to the populace, a private citizen may urge his Congressman to originate laws.

With one exception, bills may be introduced in either the House or the Senate. Bills to raise money, however, must be originated in the House—this is provided for in the Constitution.

Since a bill must pass, first through a committee, then through the full membership of each house, and finally through the President, many fail to survive and become the law of the land. Only a relatively small percentage, in fact, ever complete the entire process.

The first step is the introduction of the bill by a Representative (or a Senator), who places it in a "hopper" on the Clerk's desk. The Clerk then assigns a number to the bill, has it printed, and sends it to a committee designated by the Speaker of the House.

In committee, the proposal is considered, perhaps along with similar bills. The committee may call a public hearing at which witnesses present their views on the proposal. It may also amend the bill, rewrite it completely, or "kill" it by "laying it on the table."

Once on the floor of the House, the bill is read and debated, and the members, who have printed copies of it, can speak either for or against it. A vote is taken to do one of three things: approve the bill, amend it, or send it back to

the committee for revision.

If a bill is passed by a majority of the House, it then goes to the Senate, where the Senate Secretary introduces it and refers it to the appropriate committee. (If a bill is originated in the Senate, it is sent to the House where it follows the same process as a House bill).

The Senate committee has the same power as the House committee to approve, disapprove or amend the bill or substitute a proposal of its own. An exception to this is any tax bill which must originate in the House. A bill to which the committee gives its approval is placed on the Senate Calendar to await presentation to the full membership.

On the Senate floor the proposed legislation may have three readings with unlimited debate. Such

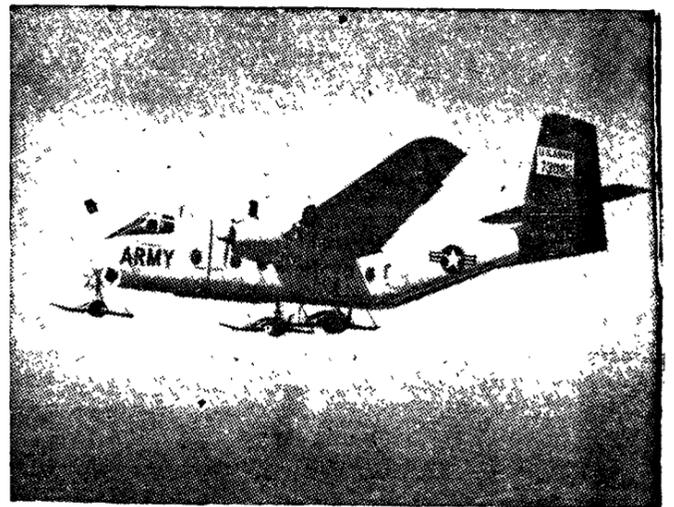
debate, however, may be limited by cloture (closure). The Senate may amend the bill or kill it, but if it passes in the same form as in the House, it then goes to the President.

A proposal which the Senate has altered must be approved by the House. At the request of either house, the bill can be sent to a conference committee of members from both houses which iron out any differences. This committee may eliminate amendments, but cannot add to the proposal.

When the committee approves a final version, the revised bill must be approved by both House and Senate. This is usually automatic. The bill is then reprinted and enrolled, signed by the Speaker of the House and the Vice President, and sent to the White House.

Once on the President's desk, a bill needs only his signature to become law. On the other hand, he can disapprove the measure by veto, in which case it is returned to Congress without his signature.

Congress, however, has the last word. It can override the Presidential veto by a two-thirds vote. The bill then becomes law of the land.



CARIBOU—A wheel-ski for the DHC-4 CARIBOU has been developed by DeHavilland Aircraft of Canada, Ltd. This new installation, which is undergoing trials by the U. S. Army in Greenland, will provide the 28,500 pound gross weight STOL (Short Take-off and Landing) transport with added versatility for winter operations. The skis are installed on the main and nose landing gear.

The Genie air-to-air rocket is a launch weight approaching 1,000 pounds. It is a supersonic, free-flight vehicle.



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