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No. 1 Vol. IX Lubbock, Texas, November 23, 1962

Activities Here Rate High Spot

Good ratings came to Reese from the Air Training Command inspectors and ATC Pilot Training Standardization /Evaluation team which visited the base recently, reports received here this week disclosed

The inspectors found that Phase III activities were good. They reported that functional areas of personnel, administration and funds management supported the primary mission very well. Mention was made of good management of personnel programs, personnel classification and utilization and on-the-job training.

Inspectors in the Phase I inspection found Reese had no major problem in accomplishingits mission, while in Phase II support was found to be satisfactory and to meet requirements.

The ATC standardization visitors gave an excellent rating to pilot training activities, listing flying, officer and academic training all as excellent.

Also studying conditions this week at Reese was a USAF Flight Management Team.

SongTape Submitted

The Reese Male Chorus this week submitted taped recordings of vocal selections in the annual Air Training Command singing competition. The chorus, directed by 2nd Lt. Vernon Hogden, is growing but still needs more voice Reese selections entered in ATC competition were two by an eight-voice group, "Swing Low Sweet Chariot" and "The U.S. Air Force Blue" and "Air Force Song" as entries in the small chorus category and "Home on the Range" for competition in the Western category. Each ATC base is entering taped songs and judging will be made from the tapes. Reese recording was in the studios of KFYO Radio, Lubbock.



LEARNING - Seeking to learn T-33 maintenance, AB Nguyen Van Hung of Viet Nam is studying engine maintenance under guidance of TSgt. Robert Fuller. He is one of four airmen of the Vietnamese Air Force undergoing OJT in the Reese M&S Group and will become a T-33 maintenance man when he returns home. His study here covers 12 weeks.

New Promotion Plan Rushed Into Effect

A refinement of the "best qualified system" of promotion for airmen in Air Training Command went into effect with the December promotions to technical and master sergeant, with the program detailed by Col. Frank P. Wood, ATC deputy chief of staff for personnel.

The new system, as explained by the colonel, was used in screening records of more than 6,000 people to secure the 692 elevated to tech and 444 to master.

The new system works this way: Based on careful study of individual selection folders, Selection Board members divide nominees into three categories. The first category is labeled "exceptionally well qualified." This group represents those individuals whose records show sustained superior performance to the degree that, in the interest of the United States Air Force and Air Training Command, they should be promoted ahead of their contemporaries.

The second category is labeled "qualified beyond doubt." This group is comprised of those airmen who are qualified in every respect but not to the degree of EWQ airmen. Nominees not selected for Categories 1 and 2 are earmarked as "qualified" and placed in category 3. Following these steps, seniority becomes a keyfactor. Under the new selection procedures, an individual's time in grade determines where he stands in his particular category, but performance reports are the keys that open the appropriate category to each individual. Within each category, the records of nominees are aligned according to date of rank and "exceptionally well qualified" airmen with a 1952 date of rank, for example, would be placed above and promoted before another "exceptionally well qualified" airman whose time in grade dated from 1953.



FIRST FLIGHT - Air Force officers confer at Rhein-Main AB, Germany, before the takeoff of the first C-135 bound for India with U.S. arms. From left to right are Lt. Col. William W. James, public information officer, Weisbaden; Brig. Gen. Robert D. Forman, European commander of MATS, who flew the first aircraft; and Lt. Col. Ronald B. Forward, MATS squadron commander, The arms were airlifted to aid India in its present border struggle with Red China.

Bermuda is the oldest self-gov-. What we are born with is God's gift to us. What we make of our-pire. selves is our gift to God.

Contraction of the local division of the loc Air Force chief of staff, hailed the Yeager accomplishment as "the greatest aeronautical achievement since the flight of theWright Brothers at Kitty Hawk" in 1902.

Captain Yeager on Jan. 7, 1949, added another record to flying history when he rose 23,000 feet from takeoff at the rate of 13,000 feet per minite in an X-1.

Then on Dec. 12, 1953, he piloted the X-1A launched from a B-36 bomber wing to a speed of 1,630 miles per hour, a speed twice that of sound. He was a major at the time.

In his present capacity the 39-year-old native of Myra, W. Va. and World War II flying hero is in charge of the school which is expected to produce graduates in their middle 20's who are capable of flying anything NASA's astronauts can fly and anything the Air Force comes up with to guarantee that space is a realm of peace. Four of nine new astronauts being trained by Colonel Yeager have ages to permit 15 years of aerospace activity.

The colonel is expected to comment on his first flight during his Reese graduation address. Just before he broke the speed of sound back in 1947 a civilian pilot had been selected to make the try. But the civilian wanted \$150,000. So Captain Yeager made the try. He hit about 1,000mph on his sixth flight - at his usual pay of \$228 a month. In Class 63-D which the colonelwilladdress are 31 young U. S. Air Force officers, 3 Afghanistan officers, 1 Iranian cadet and 1 Pakistan cadet.

Domestic &

supersonic jet trainer to Reese has been delayed until January, Col. James A Gunn III, wing commander, has been advised. First delivery was scheduled for December, with other sup-. ersonic Talons later. The delay, however, will permit Reese to have 12 of the T-38's before the end of January.

Pilots and aircraft maintenance men have been learning T-38 operation for several weeks and will continue activities so that the Talons may go into use in training students as soon as possible

TINY SATELLITE MAPS RADIATION IN SPACE AREAS

WASHINGTON (AFNS) -- A pyramid shaped satellite, small enough to hold in the hand, is mapping a portion of the new space radiation belt that reaches 3,700 miles through the vastness of space. The tiny spacecraft, measuring only six and a half inches on a side and weighing slightly less than a pound and a half, was launched into earth orbit by the Space Systems Division of Air Force Systems Command from Vandenberg AFB, Calif. The satellite was launched piggy-back aboard an Air Force research and development satellite employing a Thor/Agena space booster. Although the smallest and lightest active satellite ever launched, it has been assigned a large sized job. Known as the Tetrahedral Research Satellite (TRS), it will map space radiation and radio back data to be used in up-dating maps of the Van Allen radiation belt which rings the earth and which can affect the planning of manned flights. Six of these small vehicles were acquired by the Air Force.

The Reese chorus will continue rehearsals and plans to make several appearances soon, with one possibly on a Lubbock radio station. Persons desiring to join the group may call 608

> **READ ABOUT** THE NEED IN THE NATION'S NUCLEAR POWER PLANTS

Page 3

Along the same line, airmen in the first category take promotion priority over nominees in the other categories. As the relatively small list of "exceptionally well qualified" peo-(continued on page 3)

OPPORTUNITY. How many times does it knock? See P. 2.

ACCIDENT-FREE MARK SURPASSED

The wing this week passed its 68,000th accident-free flying hour, with the remainder of the year adding to the mark. During 1961 the wing reached the 69,000 hour figure but this year more hours have been flown as the student load has slightly increased.

Watch for The Roundup's Christmas Issue.

30 Given Permanent Rank

ants have been found qualified for permantnt promotion to first lieutenant in the Reserve of the Air Force, Col. James A. Gunn III, wing commander, has been notified. Four Hospital nurses, Anita

J. Green, Margaret A. Hart, Nancy F. Howell and Karen J. Lauman are assuming new permanent rank immediately, since date of rank is effective after three years of promotion | Donald E. Farrel, Oscar W.

Thirty Reese second lieuten- | service and that period has passed for them

> Becoming permanent first lieutenants later, at the end of the three-year period in the spring and early summer are Robert R. Adams, Thomas L. Ballasch, Ralph E. Beekman, Kenneth R. Beerwinkle, John R. Bracebridge, William H. Brandt, DonS. Cornwall, Darel B. Couch, Donald V. Dro-

Frazier, Patrick T. Friend, Jack E. Gray, James R. Hannibal, Richard C. Hansen, Charles L. Homolka, Ronald O. Kinion, Harry L. Kumlin, Donald W. Leazer, Fredrick P. Leucht, James V. Loven, Jr., Harold L. Mize, Felton A. Thomas, Arthur B. Ward, Wolfram D. Wislicenus and Thomas H. Wolfe.

Virtually all are serving on active duty as first lieutenant under temporary promotions.

OPPORTUNITIES MANY FOR THOSE WHO ARE READY By Chaplain James D. Taylor

It has been said that opportunity knocks but once. But I say that opportunity is constantly around you if you have prepared yourself for it.

The Chinese write the word 'crisis" with two characters. One meaning danger, and the other meaning opportunity. Together they spell "crisis" If sorrow could enter Heaven, if a sigh could be heard there, or a tear roll down the cheek of a saint in light, it would be for lost opportunity, for the time spent in neglect of God which might have been spent for his Glory.

There are no times in life when opportunity, the chance to be and do, gather so richly about the soul as when it has to suffer. Then everything depends upon whether the man turns to the lower or the higher things. If he resorts to mere expedients and tricks the opportunity is lost. He comes out no richer nor greater; nay, he comes outharder, poorer, smaller for his pain. But if he turns to God, the hour of suffering is the turning hour of his life.

Sometimes we never recognize the opportunity when it appears. We are either too busy with the cares of life or we have our sights too high to see the opportunities that come to us. We sometimes let the cobwebs gather in our minds because we do not use the knowledge we have, thereby losing that knowledge by no use. We have to use anything at least now and then to keep it in working condition.

Study and attention to the way of life by the right use of our time will enable us to seize the opportunities that come our way.

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All Jumbled Up About the Code of Conduct

MAJOR SELECTED FOR SPACE FLIGHT

Major L. Gordon Cooper, Jr., a 35-year-old Air Force pilot, is awaiting early April when he is scheduled to make the next U.S. space flight for the National Aeronautics and Space Administration.

The flight is planned to cover a 24-hour period, with 18 orbits around the earth. This is three times as many as completed by Cdr. Walter Schirra on Oct. 3. However, the flight may be extended to 20 times around the earth so that the landing can be made in the Pacific and away from Cuba.

The space agency had tentatively decided on conducting the one-day Mercury mission next February but unfavorable weather conditions might interfere with success.

Major Cooper is a native of Shawnee, Okla., and is the youngest of the seven original astronauts. He is 5 feet, 9 inches tall and weighs 150 lbs.

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When an American serviceman clenches his fist, he means business. When it's time to fight, he tightens up and strikes hard. The fist is powerful - he's defending his friends, his family, his country, his freedom. With stakes as high as these, the American fighting man doesn't give up until he wins.

CODE OF CONDUCT: 1. I am an American fighting man. I serve in the forces which guard my country and our way of life. I am prepared to give my life in their defense.

> When the U.S. Constitution was written in 1787 there were 13 states.



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"Liberation wars will continue to exist as long as imperialism exists . . . Such wars are not only admissible, but inevitable . . . We recognize such wars, and we will help the peoples striving for their independence . . . The Communists fully support such wars and march in the front rank with the peoples waging liberation struggles."—Khrushchey ""All of us in the Free World have much to have short

"All of us in the Free World have much to learn about counter-insurgency and guerilla warfare operation, but learn we must if we are to meet successfully this particular aspect of the Communist threat."—Secretary of Defense Robert S. McNamara "We are continuing to maintain and to increase a power of retaliation powerful enough to deter an act of aggression against us While arming our hope for paced with succession power we are

us. While arming our hope for peace with awesome power, we are not blind to the real dangers of the world we inhibit . . . We also not blind to the real dangers of the world we inhibit . . . We also refuse to be consumed piecemeal and by proxy. Our new Strike Command, combining tactical ground and air forces and our new counterinsurgency units are tokens of the change that has taken place in our Armed Forces."—Secretary of the Air Force Eugene M. Zuckert, 1962 Armed Forces Day at Reese "The Air Force has always recognized its responsibility to protect and assist the ground soldier. Our air-ground operations have been developed through trial by combat and tests with our allies on

developed through trial by combat and tests with our allies on battlefields of four continents. I believe that history has recorded our success in accomplishing this task."—Gen. Frederic S. Smith, Jr., retired vice chief of staff.

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Campbell-Messer Rambler

Page 3

THE ROUNDUP

Lubbock, Texas, Friday, November 23, 1962

Volunteers Sought To Operate New Nuclear Powered Plants

Is it possible for a power plant to generate enough electricity and heat to sustain a community of 2000 people for two years on just 20 pounds of fuel?

It is, and the Air Force has a 4 such a plant in operation on a Sh hill-top near Sundance, Wyo. Its source of power is a 20-

pound chunk of nuclear fuel. Without refueling, the Sundance facility is capable of about one million watts of electricity and about seven million BTUs of space heat every hour for two years. To produce a similar amount of energy in a conventional power plant over the same two-year period would take 4.5 million gallons of high grade fuel oil. Air Force's primary problem now, since the feasibility of nuclear power plants has been proved, is to find and train C1 the men necessary to operate FI other facilities and to provide

T replacements for the Air Force personnel now on duty at Sundance.

The callis out for volunteers to fill a quota of 30 students to begin training in April, 1963, at Ft. Belvoir, Va. The course, called the Nuclear Power Plant Operators Course, is 48 weeks long. During that time students will be instructed in theoretical mathematics, physics, mechanical engineering, nuclear engineering, electricity, slide rule and health physics.

Depending upon previous experience, training or aptitude, students also are given specialized training to qualify them for duties, upon graduation, in operation, electrical, instrumentation, or process control, in a nuclear power plant.

Prerequisites for this course are high. Aplicants (airmen first class through master sergeant) must have at least four years of obligated service remaining when entering the school.

Potential students must be high school graduates with credit for a course in algebra --either high school or USAFI) have normal color vision, and possess other general qualifications necessary for entry

qua into technical courses. find Interested airmen must attain a minimum score of 70 on the CONARC (Continental Army Command) Basic Mathematics and Science Proficiency Test before submitting an application for training. Air Training Command applicants who are stationed near an Army installation may take the test at that unit's education center. Others should make arrangements with their education officer to request the test from the Education Advisor, Army Education Center, Ft. Belvoir. Officials point out that airmen who apply for this training now will be getting in on the ground floor of a business that will undoubtedly grow rapidly, Similarly, advancement opportunities could become virtually unlimited.



NUCLEAR POWER PLANTS, such as the one portrayed in this artist's conception, are capable of providing enough electricity and heat to sustain a community of 2000 people for two years on 20 pounds of fuel.

NEW PROMOTION PLAN (continued from page 1)

ple is exhausted, airmen in the next category are included in the promotion quota by date of rank.

Col. F. W. Hyde, Jr., director of airman personnel, ATC, stated that personnel officials believe that the new system will alleviate some of the inequities of previous selection methods. Their feelings are that time in grade should have a direct bearing on the promotion of an individual, but not unless he has demonstrated his qualifications for promotion through sustained, high-level performance of duty. They stress that "long and faithful service" is not the key to advancement

Another factor that further brightens ATC's promotion picture is the quota which has been allocated the command. A comparison between the current quota, for example, and that given ATC in September 1959 -- 206 technical sergeant and 86 master sergeant stripes --

shows that promotion to technical sergeant has more than ling maneuvers withstand forces tripled, while hikes to master as great as 70 g's without insergeant have grown five jury. Such shocks last only about times greater. As late as last June, ATC was given on-ly 301 stripes to technical sergeant and just 242 to mas-

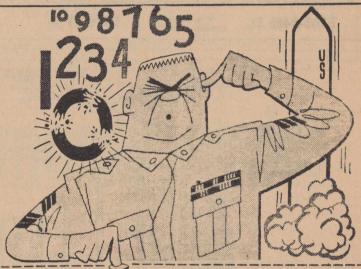
Football players during tack-



FIRST FLIGHT - Air Force officers confer at Rhein-Main AB, Germany, before the takeoff of the first C-135 bound for India with U.S. arms. From left to right are Lt. Col. Will iam W. James, public information officer, Weisbaden; Brig. Gen. Robert D. Forman, European commander of MATS, who flew the first aircraft; and Lt. Col. Ronald B. Forward, MATS squadron commander, The arms were airlifted to aid India in its present border struggle with Red China.

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The average airline pilot is 38 years old, is married, has two has two children, and has had three years of college. Actually the ages of airline pilots range from 22 to 60 years, and their education varies from that of a high school graduate to a university doctorate.

Air Force people are stationed from Thule, Greenland, in the Arctic to the Antarctic, in such places as Eritrea, Greece, Lybia, India and Theiland India and Thailand.

ter sergeant.

Officials say that from all indications the promotion quotas will continue to increase during the foreseeable future. They base their predictions on increases in voluntary retirements; During January through September 1962, 931 ATC airmen retired while. during the same period the previous year, 793 airmen turned in their papers.

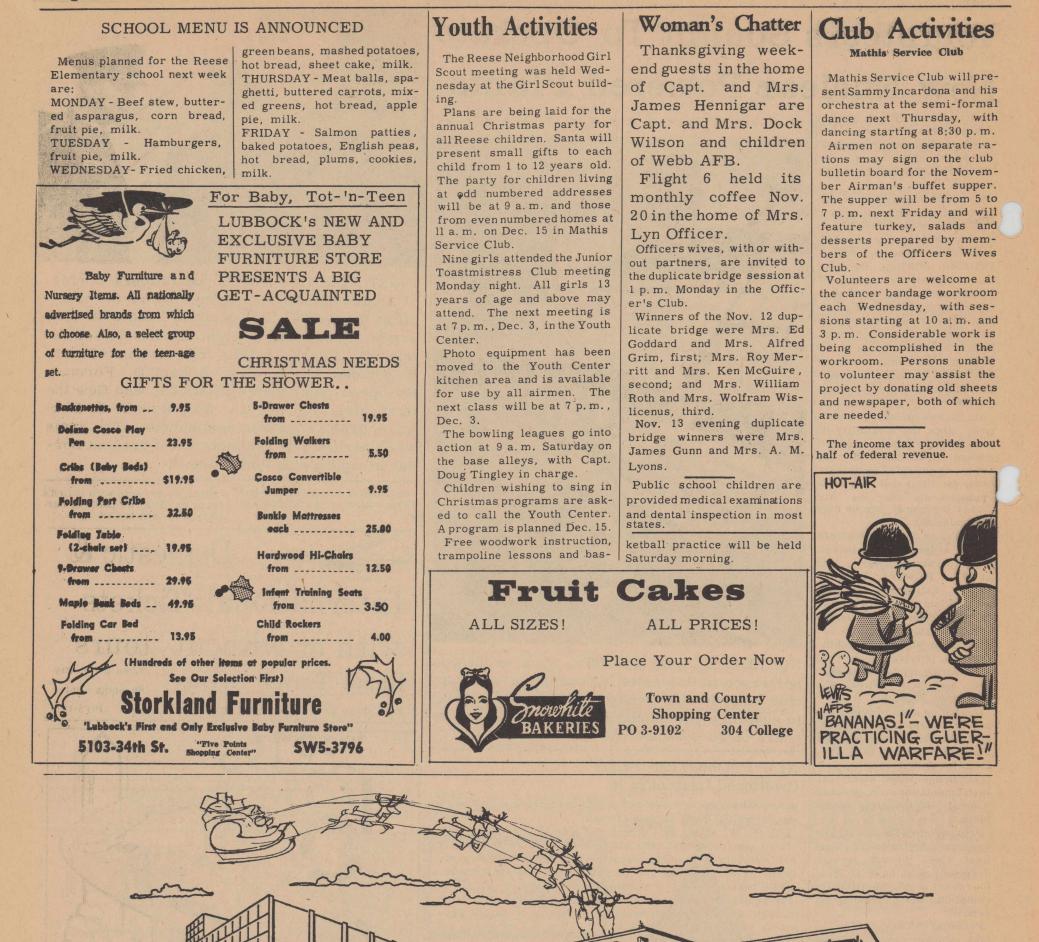
Statistics also point out that the majority of these airmen are retiring with less than 21 years' active service. When condidering that many senior NCO's now on active duty, came into the service during World War II, then it is quite feasible, officials say, that the Air Force will see its peak retirement years between now and 1965, thereby opening up still more promotion opportunities.

Development of the ballistic missile systems was begun in 1954. Say you saw it in The Roundup.

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Soccer Team First

Reese, the defending champion, placed third in the 1962 Air Training Command soccer championship last week at Sheppard AFB, staging a good battle despite injuries and inability to use key players.

Reese, represented by the Student Squadron, opened the tournament with a 3 to 0 win over Lowry and then dropped a 4-2 game to Webb.

Sheppard, upset last year in an overtime battle, was the third opponent and the game was more spirited than in 1961. The score was knotted at 5-5 at the end of regulation. play and four sudden-death overtimes were necessary before Reese finally won.

Reese nest defeated Amarillo, 4-1, and them in the final game lost to Webb 1-0.

SSgt. Horst was the standout for Reese, scoring 10 of 15 goals the Students marked up, including the winning goal against Sheppard.

CLASS MEMBERS FROM 23 STATES

Twenty-three states are represented by students in Class 64-D, just enrolled in undergraduate pilot training at Reese. All but four of the 46 U.S. officers in the class are college graduates. Three members of the German Air Force are also enrolled.

Colorado, California, New York and Texas have four students each in the class, while Iowa has three and Mississippi, Pennsylvania, Idaho and Connecticut two each.

Thirty five colleges and universities have former students

type of turbulence.

UNIFORM MODIFIED

WASHINGTON (AFNS) - The Air Force has announced it has approved a modified summer uniform for Women in the Air Force. The new uniform will be phased in as a replacement for the cotton. cord uniform as soon as the new item becomes available in clothing sales stores.

The fabric of the new uniform is a cotton/polyester blue and white cord, somewhat similar to the current uniform. WAF officials say it will require minimum care in laundering.

Students Unbeaten

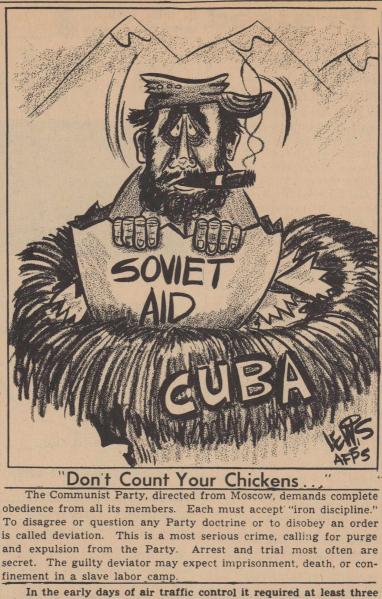
Victor in two games and without a loss, the 3501st Student Squadron this week led Intramural Basketball League competition, with Civil Engineers in second spot on a 1-0 record and the 3501st PTS in third. The Students defeated MATS and Air Base Group.

Games next week are:

Next Monday games pits the 3500th PTS against the 3501st PTS and ABG Team 2 against the Students.

Tuesday it's ABG Team 1 and the Engineers at 7 p.m. and ABG Team 2 and the Hospital in the second game.

Wednesday games have the 3500th PTS meeting M&S and 3501st PTS against the Students. Thursday ABG 2 plays MATS and the 2500th PTS takes on the Engineers

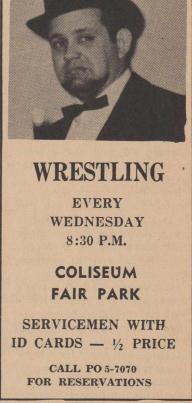


minutes for an aircraft clearance and acknowledgement to be relayed between the controller and a pilot.

A typical Air Force recruiter is a male technical sergeant 32 years of age. He is a high school graduate, has 12 years military service, is married and has two children.

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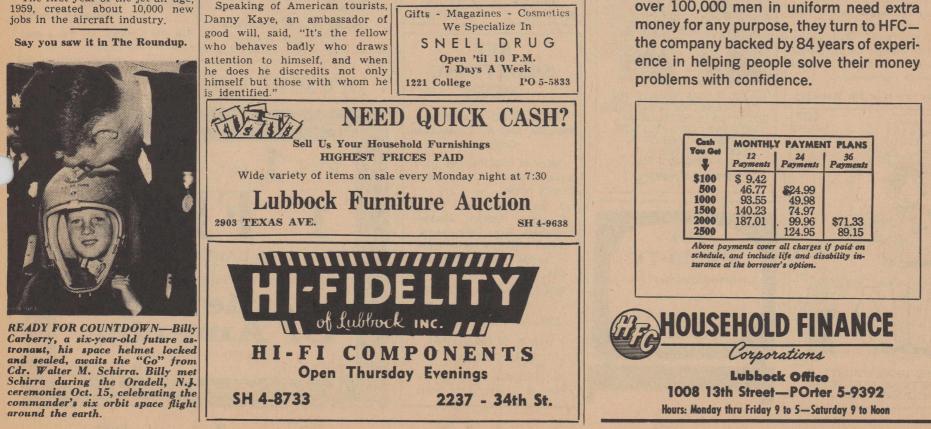
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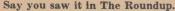
MAIN & O

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THE ROUNDUP

Lubbock, Texas, Friday, November 23, 1962







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