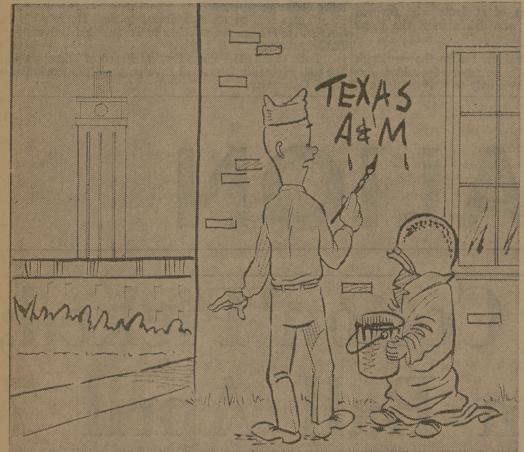
College Station, Texas Page 2

March 21, 1961

THE BATTALION OBSERVATION OF A&M EDUCATION OFFICER

Houston Just 30 Minutes From Moscow CADET SLOUCH by Jim Earle



... it's embarassing not to know whether to say 'college' or 'university' or even 'A&M'."

— Sound Off —

protected the student body from

'Evil to him...'

(Editor's note: the following letter refers to recent campus art exhibits in which nude paintings have been censored).

Editor, The Battalion:

I notice that another nude painting has mysteriously disappeared from the hallowed walls of this great institution of higher learning. It is comforting to be reassured that in this 20th Century democracy, there is still one last refuge where it's still the good old days and where Victorian prudery and Machiavellian politics still run rampant.

Our good ostrich administration, bowing to the wails of outraged piety, has again saved and ance firm).

of indecency. Certainly we can be proud of the progress we are making here, and we can look forward to new achievements in the field of censorship with eager anticipation. (Perhaps even a book-burning with torchlight parades?)

Evil to him who evil thinks!

(Editor's note: the following note was written by Barney Welch, former Intramural Director here at Texas A&M. Welch made a special request to The Battalion to have this letter of thanks printed, since he has now taken a position with an insur-

another lewd and obscene display A Note Of Thanks Editor, The Battalion: I wish to take this opportunity of thanking each of you for the beautiful watch presented to me

Dan R. Brents, '61

personally before the semester is out, but if not, then I will simply say "Thank You" through this * letter. It was not only the watch and

the banquet, but the thoughtfulness that I appreciated so much. I had the most pleasant association with the most wonderful group of men for 14 years here on the campus and my greatest regret in leaving the Intramural Department was the realization that I would lose the close contact with so many fine young

men.

at the banquet on March 16, 1961.

portunity of thanking each of you

I hope that I may have the op-

I especially wish to thank Ray Whitmire and Berry Cash for their interest and thoughtfulness and also the Athletic Officers and their assistants for their fine fellowship which made that particular evening the most impressive evening of my life. Barney Welch

Social Calendar

The following organizations

the mess hall, and each man

(Editor's Note: the following article was written by Lt. Col. Kenneth W. Gruber, Education and Plans Officer for Detachment 805 at Texas A&M. It is believed that the article contains timely and informative observations concerning the efforts of the Department of Defense to counter progress of possible ene-By Lt. Col. Kenneth Gruber

Release of previously frozen funds of \$155,000,000 plus \$75,-000,000, from the 1961 budget has provided the United States Air Force with enough money to proceed with production on the B-70 aircraft, which may be our last manned bomber. First flight for the B-70 is scheduled for sometimes in 1962 and the prototype, including all the proposed weapons delivery and navigation equipment, is expected to take to the air in 1963. Some of the early models, as they prove themselves, could also be converted into operational bombers.

my nations)

The B-70 is a mach 3 manned bomber designed to fly 15 miles above the surface of the earth at about 2,000 mph. (Mach 1 is the speed of sound). Now, just what does this 2,000 mph speed mean in terms of time and distance? In a recent pamphlet, "Aerospace Talk I," an Air Force project officer in the B-70 program ex- suit.) plained it this way.

He assumed that a B-70 bomber and crew were on a temporary duty mission in England. So he prepared a flight plan for their return trip to their home base in California -specifically, March Air Force Base near Los Angeles. The flight plan called for a takeoff from Greenham Common Air Base outside of London at 7:30 in the morning. At that hour, the sun would be about 20 degrees above the horizon. After takeoff, the bomber climbed up to cruising altitude, which changes the sky picture. The horizon drops away and the sun appears to climb rapidly almost to the zenith. But, here a strange thing happens. Relative to the aircraft, the sun stands still, and then begins to set. If the bomber crew chose to look backward as they flew their great circle route, they could witness the amazing spectacle of the sun setting in the east. Four hours after takeoff their bomber touches down at March Air Force Base. The crew is debriefed, the men have a leisurely breakfast in

goes home in ample time to enday with his family. The time of the flight would be four hours; the time of the sun's transit would be eight . . It will be years before all of the planned capabilities for the B-70 become accomplished facts. However, since the days in the early fifties when the F-80, F-84, and F-86 jet fighters were streaking across Korea at speeds of 500-670 mph, there have been

many major achievements. Here are only a few of the major actribute to the planning of ten years ago. 1. The recent closed course *

lished by the F-105 Thunderchief. 2. The straight course 1,525 mph speed record recently established by the F-106 Delta Dart. 3. The speed record exceeding 2,100 mph by the late Capt. Milburn Apt in the X-2.

4. On 15 November 1960, Scott Crossfield with the X-15 held to half throttle, flew to nearly 80,-000 feet and close to 2,000 mph. 5. The altitude record of 103,-395 feet established by the F-104 Starfighter. (Man's blood will boil at altitudes above 63,000 feet unless he is in a pressurized cabin or specially designed pressure

6. The altitude record of 126,-200 feet established by the late Capt. Iven Kincheloe in the X-2. 7. The altitude record of 136,-500 feet recently set by Maj. Robert M. White in the X-15. (Ninety-nine percent of the earth's atmosphere is below 100,000 feet.) 8. On 19 September 1960, the Atlas Intercontinental Ballistic Missile (ICBM) traveled 9,000 miles from Cape Canaveral and hit within two miles of a designed target point.

9. This past September the satellites Discoverer XIV and Discoverer XIII ejected their capsules after orbiting the earth. So accurate was the timing of the ejections that both capsules were recovered-one in mid-air.

10. The Air Force has placed a Midas test sateillite in orbit with a payload of 3,600 pounds. The almost circular orbit varies less than 30 miles in altitude from 322 miles at apogee to 292.5 miles at perigee.

11. On 14 November 1960, Discoverer XVII had been in orbit nearly two days. On the 31st or- utes. When considering speeds bital pass, signals were sent from of 15,000 mph, Italy would have



Alaska and a capsule was eject- to be over 52,000 miles in length, joy the second sunrise of that ed from Discoverer XVII. The or more than two times the discapsule was recovered in mid-air tance around the earth at the near Hawaii. (On 11 December 1960 the capsule from the Discoverer XVIII was caught in midair.)

The inventory of our weapon systems will include manned bombers for several more years. There will be years when we have a "blend" of bombers and missiles. Compared to the Titan ICBM (see below), the B-70 may seem exceedingly low and slow. However, during this period the complishments that stand as a bombers and missiles will complement rather than compete with one another.

On a recent flight the Titan 1,216 mph speed record estab- reached an altitude of over 190 miles and speeds of about 17,000 mph. On re-entry into the atmosphere, it was traveling over 15,-000 mph. The heat generated raised the temperature of the nose cone to 12,000 degrees. The nose cone has a recently developed material to protect it. It is an ablation type nose cone. A thin layer of the surface melts and gradually vaporizes. This absorbs heat energy and makes it possible for the nose cone to stay intact. The nose cone of this Titan was recovered 6,000 miles or more from the launching point. Time for the distance was about 32 minutes. Yet, in terms of future missiles, the Titan may soon be obsolete.

If one were to think in terms of World War II bomber speeds (approximately 200 mph) and remember the strategic location of Italy and the buffer (warning) zone the peninsula helped provide, it is incredible how weapons systems such as the Titan have changed the strategic and tactical importance of every location on this earth. For instance, Italy is approximately 700 miles in length. At speeds of 200 mph, Italy provided a three and onehalf hour buffer zone. running from the Alps to the tip of the boot. This was important in World War II. But, now let us see what missiles with the capability of the Titan have done to Italy as a strategic location in terms of time and distance. The Titan begins its entry into the atmosphere approximately 500 miles from the point of impact. At this phase of flight it is traveling over 15,000 mph, and would cover Italy's 700 miles in the incredibly short time of three min-

equator, to provide the three and one-half hour buffer zone. (Distance around the earth at the equator is 24,902 miles.)

Throughout recorded history, man's rate of progress has varied with the speed at which he could travel or communicate. In terms of time, the size of the earth is relative to speed at which manmade vehicles or communication signals travel. In terms of time, the speed of the missile has shrunk Kansas from a 1 by 2 hour (WW II) state to a less minutes from Moscow.

than a 1 by 2 minute state today (Two hundred mph as compared to 15,000 mph or 1-75.) In terms of WW II speed, "missile speed" shrinks the earth from a sphere with a polar diameter of 7,900 miles to one with a diameter of about 105 miles. How can one visualize the "missile speed" size of today's earth? Here is one way. Think of today's earth as a sphere located within a space represented by the distance from Houston to Hearne-inhabited by Texans one inch tall.

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JUe

Moscow is less than 6,000 miles from Houston. Houston - 30



HAPPINESS CAN'T BUY MONEY

With tuition costs spiralling ever upward, more and more undergraduates are investigating the student loan plan. If you are one who is considering the "Learn Now, Pay Later" system, you would do well first to study the case of Leonid Sigafoos.

Leonid, the son of an upholsterer in Straitened Circumstances, Idaho, had his heart set on going to college, but his father, alas, could not afford to send him. Leonid applied for a Regents Scholarship, but his reading speed, alas, was not very rapid-two words an hour-and before he could finish the first page of his test the Regents had closed their brief cases crossly and gone home. Leonid then applied for an athletic scholarship, but he had, alas, only a single athletic skillbalancing a stick on his chin-and this, alas, aroused only passing enthusiasm among the coaches.

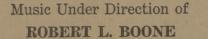


He had, alas, only a Single athletic Skill

And then, huzzah, Leonid learned of the student loan plan: he could borrow money for his tuition and repay it in easy monthly installments after he left school!

Happily Leonid enrolled in the Southeastern Idaho College of Woodpulp and Restoration Drama and happily began a college career that grew more happy year by year. Indeed, it became altogether ecstatic in his senior year because Leonid met a coed named Salina T. Nem with hair like beaten gold and eyes like two squirts of Lake Louise. Love gripped them in its big moist palm and they were betrothed on the Eve of St. Agnes.

Happily they made plans to be married the day after commencement-plans, alas, that never were to come to fruition because Leonid, alas, learned that Salina, like himself, was in college on a student loan, which meant that he had not only to repay his own loan when he left school but also Salina's, and the job, alas, that was waiting for Leonid after graduation at the Boise Raccoon Works simply did not pay enough, alas, to



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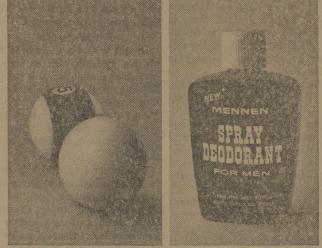


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A man with Alopecia Universalis* doesn't need this deodorant

He could use a woman's roll-on with impunity. Mennen Spray was made for the man who wants a deodorant he knows will get through to the skin . . . where perspiration starts.

Mennen Spray Deodorant does just that. It gets through to the skin. And it works. All day. More men use Mennen Spray than any other deodorant. Have you tried it yet? 64¢ and \$1.00 plus tax

*Complete lack of body hair, including that of the scalp, legs, armpits, face, etc.

cover both their loans, plus rent and food and clothing.

Sick at heart, Leonid and Salina sat down and lit Marlboro Cigarettes and tried to find an answer to their problem-and, sure enough, they did! I do not know whether or not Marlboro Cigarettes helped them find an answer; all I know is that Marlboros taste good and look good, and when things close in and a feller needs a friend and the world is black as the pit from pole to pole, it is a heap of comfort and satisfaction to be sure that Marlboros will always provide the same unflagging pleasure, the same unstinting quality, in all times and climes and conditions. That's all I know.

Leonid and Salina, I say, did find an answer-a very simple one. If their student loans did not come due until they left school, why, then they just wouldn't leave school! So after receiving their bachelor degrees, they re-enrolled and took masters degrees. After that they took doctors degrees, loads and loads of them, until today Leonid and Salina, both aged 78, both still in school, hold doctorates in Philosophy, Humane Letters, Jurisprudence, Veterinary Medicine, Civil Engineering, Optometry, and Dewey Decimals. Their student loans, as of last January 1, amounted to a combined total of eighteen million dollars, a sum which they probably would have found great difficulty in repaying had not the Department of the Interior recently declared them a National Park.

(1961 Max Shulman

You don't need a student loan-just a little loose changeto grab yourself a new kind of smoking pleasure from the makers of Marlboro—the unfiltered king-size Philip Morris Commander. Welcome aboard!

* * *

