12-9-1974

Avion 1974-12-09

Embry-Riddle Aeronautical University

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Student Receives Scholarship

Joseph E. Rotunda has received a $200,000 scholarship from the Academy of Model Aeronautics, the US governing body for model aviation activities.

Joseph is 18 years of age, son of Mr. and Mrs. Edward Rotunda of Vero Beach, Florida. He is a 1974 graduate of Vero Beach Senior High School. He is presently attending Embry-Riddle Aeronautical University in Daytona Beach, Florida, where he is enrolled as a freshman in the school of aeronautical engineering.

Joseph has been involved in model aviation for the past five years. He has built a total of 21 various Control Line model airplanes and has entered many competitive events since 1971. He is a member of the American Institute of Aeronautics and Astronautics (AIAA), and the Daytona Beach Control Line Club.

Joseph is one of six recipients selected by the AMA's Scholarship Committee. Factors considered were grade average, class ranking, national test results, school and community leadership activities, and performance in AMA model-nesting competition activities. The Scholarship fund awarded to the recipients will be used to further their education at colleges of their choice.

The Academy's scholarship program is funded by contributions and large for ASK model-nesting competition activities.

NOTE - The Florida Legislature has just passed a bill which makes it possible for any student to enter a state competition. It will be held in Tallahassee in May.

NOTE - We had a choice of entering the National Model Aeronautics Competition in Dallas, Texas, or entering the national competition in Dayton, Ohio. We decided to enter the Dayton competition because it is closer to home. We have been preparing for this competition for the past two weeks and have been having a lot of fun. We hope to do well.

The senior class also decided to have a bake sale to raise money for the class's trip to Europe. We have been baking all week and are looking forward to the sale.

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EBAU Freshman Joseph Rotunda has been involved in aeromodeling for five years. Majoring in Aeronautical Engineering, Joseph is shown with one of his projects.

JAAC \*II

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SWOOSH!

National Collegiate Parachute League Meets

By Dave Givens

After twenty-two hours of hard competition jumping, advancing from junior to master, beginning on Thursday, Thanksgiving morning, approximately 200 collegiate parachutists representing twenty universities (including schools in Canada and Japan) performed over 1000 parachute jumps. At 0000 Saturday morning the meet was completed and final scores were being compiled by College Parachute League officials to determine the standings of all the individual competitors and the ranking of the schools.

Embry-Riddle parachutists came to the best of their ability but were outmatched by the American Airmen who had supported some of the best teams in the country. The Embry-Riddle challenge was a combination fixed wing/rotary wing aircraft.

Aircraft was designed to take off and land vertically by means of a rotary wing similar to a helicopter. The main rotor would drive a forward propeller and a rotary wing would be positioned in a horizontal position. In this position the rotary wing would act as a secondary wing. The aircraft looked like an unusual biplane.

Dr. Ritchie continued his pre-flight by introducing the idea of the teleconferencing wing. The concept of a teleconferencing wing was invented by a friend of Dr. Ritchie. Embry-Riddle has been working on this concept (eper in paper) for the past three years, and has come up with some interesting figures. For all, the teleconferencing wing would increase the wing area of the aircraft by 33% for take off and landing. When the aircraft is in cruise, the wing could be retracted. This would result in reduced drag and increased speed. Through the use of too many computers, it was found that if a Learjet was teleconferencing wing concept it could be further using 15% less fuel. As Dr. Ritchie pointed out, "think of what it could do for 147." Dr. Ritchie hopes to be able to try the teleconferencing wing concept on a CES 172. He estimates that it would increase the speed between 5 to 10%.

Dr. Ritchie then presented Ernest "Budman" Tally and Dan "Jr." Babcock from the economical L-1 Behan. It is a small and inexpensive aircraft, and it is very simple to fly.

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PLOP!

NOW INTERMEDIATE German class starting immediately. Students and wives with some conversational German, interested in participating please contact Mrs. D. Ritchie at 253-0739.

NOTE - FOR FOREIGN STUDENTS.

If you are planning to go home for Christmas you must have an exit visa issued by the German Embassy. You must either apply by post or in person at the German Embassy. If you go home without an exit visa you will not be able to re-enter Germany.

NOTE - IT is possible to make a telephone call from the DR to the United States.

The Embry-Riddle Honor Code is to "take pride in one's work and in one's self, and to respect the work and self of others."

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Blessings for our graduate students

Last spring, Michael Bragg, a 25-year-old social worker, had a problem. For four years of working, he had decided to go to graduate school. But his choice of urban and regional planning is offered only by a handful of institutions in the South, none of them in his home state.

Furthermore, the out-of-state tuition rates and travel expenses were one of his top choices, Florida State University. As a student, he knew his school would be staying in Eastern Airlines, the daily in-flight information at Daytona Beach.

The other listed schools were Johns Hopkins, Cornell, and the University of North Carolina. But the young Mike is enrolled as a graduate student at FSU.

Mike Bragg is one of the many students who have made the decision to attend a school outside their home state. This is because of the limited number of schools that offer programs in their field of interest.

The students who have chosen to attend out-of-state schools have done so for various reasons, including the quality of the program, the location, and the cost of attending.

For Mike Bragg, attending FSU has been a wise decision. His education will not only benefit him, but it will also benefit the state in which he resides.

The state of Florida has a large number of graduates who choose to attend out-of-state schools. This is because of the limited number of schools that offer programs in their field of interest.

One of the benefits of attending an out-of-state school is the opportunity to gain a broader perspective on the world. This is because the student will be exposed to different cultures, ideas, and ways of thinking.

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An Exciting Day

Ted Nottingham's dreams of expanding his credit bureau business into a worldwide network of more than 600 CPCs and allowing him to increase his territory, too. Nottingham and Assel are just two examples of businessmen who have graduated from Cessna Pilot Centers in recent months and are using the Cessna airplanes for use in their businesses. There are countless others like them all over the country.

FLIGHT

The Cessna Integrated Pilot Education System, which was developed by Cessna Aircraft Company after four years of intensive research into the most effective methods of flight instruction, is utilized by the worldwide network of more than 600 CPCs.

Rackets effectiveness is evidenced in the reduced time, compared to the average, that it takes to earn a private pilot's license. The program provides complete, thorough instruction through which a student can progress at his own pace.

By using four learning environments—audio-visual materials, textbook, workbook, and instructor-student sessions in the airplane—the Cessna Pilot Center courses provide prospective pilots with response-oriented curriculums that result in improved scores at FAA written examination time. Well over 90% of CPC students pass the FAA written exam on the first try—a much higher average rate.

The decreased amount of time required to complete the course and the broad range of instruction are the chief reasons as many businessmen are attracted to the anteprima of the Cessna Pilot Center courses," said Bob Lazar, Cessna Senior Vice President. Lazar pointed out that CPC students complete the course in an average of 6.5 hours—well below the national average of 40 hours. "All of these facts are considered by businessmen who face growing travel problems. Now and more are turning to Cessna Pilot Centers throughout the world for their formal education and from there to developing the most efficient, reliable intercity transportation, he said.

In addition to the basic Private Pilot course, the Professional (Commercial/Instrument) Pilot course and the Flight Review program currently offered, CPCs are beginning to expand their programs further with the addition of new Multi-Engine and Certified Flight Instructor's courses.

MOTORCYCLE CLASS MANDATORY?

According to statistics from Dean Mansfield's office, nine Embry-Riddle students were cited in the past three years of motorcycle related accidents. DRSC and other local colleges are also having the same problem. To combat this high fatality rate, E-RAU, DRSC, and AIMS are in conjunction with the Daytona Beach Police Department will conduct a course in motorcycle safety, range driving, and other aspects of motorcycle operation. The classes will be from approximately 16 to 20 hours with the chief instructor being Lt. William D. Furley. A registration fee of high school delinquent cost of textbooks and certificates of completion. The classes will be scheduled for 20 students per class, with classes being held on Tuesday, Wednesday, and Thursday from 5:15 to 22 and 29 (hours from 6-10 PM).

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at $1000 and trade for equal condition, sell at $256-230.

11 Turner's Market, recently subdivided lots & hun. IT pipes, excellent running condi-

tion. Call by Mike after 5 at 252-1598.

4V, good owner, useable rear tires, 2 squares, STRAY, $800 or trade for equal condition, sell at 252-1598.

31SEBRING 600-900 mi. belted, $1000 or trade for equal condition, sell at 252-1569.

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Cessna Aircraft Company is developing a new twin-engine propjet, the C-130, with five deliveries scheduled in 1973.

The airplane, known as the Model 411, is planned to fit in the market between existing single-engine and propjet-engine twins and business jets.

"We believe there is an expanding business opportunity for smaller passenger jets with the C-130," said Capt. C. C. Hedges, chief engineer at Cessna.

The airplane has two 2,400-hp engines, with each engine driving a separate four-bladed propeller.

The plane can transport up to 70 passengers and 2,000 lb. of cargo in two hours, at a cruising speed of 350 mph.

The C-130 is being designed for a series of international flights and will be able to land on short runways.

A MINORITY of two

In 1962, West Point had its first graduating class. It consisted of two cadets. One was Captain Eliot and the other was a Jew.
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USB/Opens New European Centers

By Bill Wiggins

Last spring the US Air Force invited Emory-Riddle to open new residence centers at eight Air Force bases throughout Europe. Emory-Riddle agreed last July and now has centers at the following Air Force bases: Altenbronn, Baden, Middelfart, Laarbruch, and Upper Heyford in England, Ramstein and Schweinfurt in Germany,

Zagorze in Spain, and Aalborg in Denmark. In January 1975 residence centers will be opened at Kaderならない in Germany and in March at Kiel in Denmark and Belfort in Germany.

There are a total of five centers at each base at these bases. Both the Bachelor of Science and Associate degrees are available in Aviation Maintenance, Management, and Aeronautical Science.

The non-degree courses available are Radio Navigation Technology (CRTMT) and Aviation Maintenance Technology (AMT).

The AMT program is offered to enable military personnel to receive their FAA A&P license. ITMT is to enable a graduate to receive a second class FCC radio license.

1977: The present Air Force Program is to Mr. Thomas C. Clay. He is assisted by one full-time instructor at each school as well as several qualified part-time instructors.

ERIA Expands Flight Simulator

By Martin Becker

Emory-Riddle is planning to expand its flight simulator program. To broaden this simulator, two courses have increased the total number of levels in which the student "flies" the simulator. These courses are the Instrument Flight Instructor course and the Multi-Engine Flight Instructor course.

"This is an indication of more things to come" according to Mr. Russell Lewis, Chief Flight Instructor, "Emory-Riddle is looking into organizing a course which would be taught entirely in simulators. This course would cover flight crew responsibilities. We are also trying to find out exactly what type of training would best suit the student and if he would have the best chance to be hired after graduation," said Mr. Lewis.

The use of simulation is increasing rapidly with the number of factors. Finally, when using a simulator for training, controlled environment exists. A person can set up any kind of situation. Turbulence, high winds, and other flying conditions may be "encountered." Emergencies can be simulated without endangering the student or the aircraft. Secondly, great fuel savings can be realized. The use of simulators has greatly increased in police training. In fact, the uprating of pilots may only require one or two hours of training in the simulating aircraft.

Next trimester, another course will be added. "We are adding a new course, Advanced Instrument (II), which will use the multi-engine simulator and the Cessna 310C," Mr. Lewis said. "We are also looking into professional trainers (simulators which will be used by the student to get acquainted with where certain instrumentation is and how to operate them for future training."

Eating Duty

By Frank Stooky

1. NEW OER FOR 1975. For those of you who were at the Army Times here is an item of interest to all of us. Dr. E. A. May, who was a member of the 1972 OER Board, says that a switch to a new OER in 1972 wasn't enough, here we go again.

Our new Chief of Staff says a new efficiency report is in the officer corps 1975 future. A job of developing the new report has been given to the MIL-TAR-DROFUIE EVALUATION Division, headed by Col. Daniel C. Tobin in MILPERSCOM's Personal Management Development Department. The Military Personnel Center Group has been at work on a list of improvements in the current OER since early last year.

According to General Weyand, the upcoming changes will "build on the current system." But he also suggested the new arrangement may use a permutating system for some grades, and even provide a system for rating the rates.

We can probably thank the immediate scoring initiatives that struck our 1972 system for the current attempts to clean up the mess.

2. DEADLINE SET FOR RA APPLICATIONS. Commissioned officers who are interested in the next Regular Army promotion must submit their entries by March 31st. These officers must therefore submit their applications by December 25th.

Eligibility criteria and a full description of the program are in AR 603-190 and DA Circular 601-8A. Applications must be made available at unit personnel offices.

Officers should include a copy of their birth certificate with the application. Certificate copies only are also useful to the selection board in making its evaluation.

3. UTSA UPDATE. Although the Bucky Tucker UTSA entry was first to fly, the Boeing Vertol Company is making good headway. GTM hours mount up, Boeing continues on an entirely, step-by-step basis toward qualifying its first YUH-61A UTSA for flight.

To minimize the risk, experienced pilots will use "old technology" methods. Boeing has undertaken a program which will involve the use of "flight simulators" to train personnel. The program is designed to perfect the 

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ANNOUNCEMENT

The International Aerobatic Club, chapter 23, Emory-Riddle Meadsor, has announced from Commandant Aviation in Ormond Beach to the new Nova Flight Center at the Daytona Beach Regional Airport. On Tuesday, December 12th, the club will have a meeting to discuss our upcoming flying breakfast and other chapter business including the competition meet coming up in January that has four $1000 prizes for winners. Any interested people are urged to attend and even if a pilot has no aerobatic experience he could be ready for competition before the meet. The prizes given to aER aerobatics will improve your skill. If you plan to be a professional pilot aerobatic competition will enhance your career for you. If you are a professional pilot aerobatic competition will improve your career. Dust has always been highly desirable. The best pilots are the ones with the most experience. The best pilots are the ones with the most experience. The best pilots are the ones with the most experience. The best pilots are the ones with the most experience. The best pilots are the ones with the most experience. The best pilots are the ones with the most experience.
**Eagles Drop Two To Saints**

By Jack Bailey

Eagle-Biddle Eagles basketball team dropped two home games to the Saints of Florida Bible College on the 22nd and 23rd of November by a small but dedicated crowd of Eagles supporters.

In the first game (2/33) Eagles trailed at halftime by a score of 31 to 35. Gary Jones hit the Eagles ahead early in the third quarter with a fifteen-foot set shot but the Saints proved to be too strong, and came back to win by a score of 78 to 70.

High point man for the Eagles was Foster with 25 points. Jones added twelve points to the losing cause. High point man for the Saints was John Bickham with 19 points. Steve Pusateri and Harry Haus added a host ofinside to the Eagles efforts. The Eagles managed to close the gap a bit in game two but their efforts were not good enough. Our sports program can only be what we make it, let's done a little school spirit and support the Eagles. Basketball season is short this year but baseball is just around the bend.

**Sport Scuba Club**

The Emory-Biddle Sport Scuba Club sport last November 22 underwater. Nineteen members of the club contributed $5 to rent a large area hole at Blue Grotto, Florida and the surrounding parks area for a day of diving and conkately.

Blue Grotto, located near Camouflage, was formed by a cleft of the earth's surface and provides an interesting dive for all different experience levels. The most inexperienced divers stayed in open water and dove to a depth of sixty-five feet and the old stager went down into a natural cave to a depth of 165 feet. Your air rushes were provided and members spent two or three hours underwater. All of the dive computers on the natural rock formations and large fish, which are right out of your hand, throughout the sink hole. The divers were spaced between trips to the picnic area where members enjoyed hot dogs, hamburgers, and chicken with liquid refreshment. The more hearty souls even got in some skating.

After leaving Blue Grotto several club members drove to DeSoto Springs where they enjoyed a right nice dive.

The next meeting of the Scuba Club will be held on January 20, 1975 and everyone is invited. If anyone would like to dive near the Christmas break contact Ken Stein at 253-8779.

**Delta Chi News**

We extend a warm fraternal welcome to our new brothers. On Thanksgiving Day the Brothers of Delta Chi will be enjoying turkey dinner prepared by our little sister, the Chi Delphia Chapter of the Whole Cameron. The Brothers are looking forward to the spring term as we hope you do. If you come to our next meeting we hope you had a good time; we enjoyed having you. We hope we interested you in the idea of joining a college fraternity. If so, we will be initiating a pledge class in the spring. Between now and then we invite everyone to drop by our fraternity house at 538 South Ridgewood.

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**Eagles Closes Best Season**

By Nora Wilson

The Emory-Biddle Golf team has recently completed its best season yet according to Dick John Simpson, coach of the golf team. In a statement to the students, Coach Simpson said, "We have just completed what must be considered the most successful season. The beautiful truth is that we managed to beat or tie somebody in every match last fall." In getting over the past season's accomplishments, the coach saw some remarkable improvements in his team efforts. An example of the teams improvements can be ascertained from its invite to the Florida Intercollegiate Competition and its closing match of the season with Flagler College.

At the Florida Intercollegiate matches at Fort Lauderdale on the 13th of November, the Eagles in their first Stadium at Miami College; the other in a top tournament at the met with who do not provide scholarships for their teams. On November 22, the ERAU Eagles had a match with Flagler College on their home course at 84 Ave. vs. Flager was the only team to defeat the Eagles in a 1 to 1 match and tie the course. In an octagonal choice Eagles redeemed themselves on their home course and Flager for the seasons finality.

**What To Say For Exams...**

When you are given an objective test: "It doesn't say you express yourself."

When you are given an essay test: "It's no vague. You don't know what's expected!"

When you are given a multiple selection test: "Why not have a few high ones. This keeps you on edge all the time."

When you are given a few major tests: "Too much depends on each one."

When you are given no tests: "It's not fair. How can be possibly judge what we know."

When every part of the subject is taken up in class: "Oh, be just follow the book."

When you are asked to study a part of the subject by yourself: "Why we never been discussed it."

When the course is in lecture form: "We never get a chance to say anything."

When the course consists of informal lecture and discussion: "We just sit there. Who wants to hear the students? They don't have the chance to how to teach this course."

When detailed material is presented: "What's the use? You forget it at all after the exam anyway."

When general principles are presented: "What did we learn? We know all that before we took the course."

When you are given a true-false test: "It is a trick question test."

When you are given any kind of test: "It is an open book test?"
Cluh
By W. D. Wire

ry
re
National
few
otion team. I would like to say a few words in relation to the National College Parachute meet from a layman's point of view.

On Saturday morning (20 November) my wife and I headed south toward Deland Airport to see for ourselves what type of crazy people would throw themselves out of a perfectly safe aircraft and fall toward the earth at approximately 176 feet per second (50 mph) for another sixty seconds before they attempted to open some form of parachute or parasail. As we approached the Deland area (5 miles out) we could see four small forms falling from an aircraft at what seemed to be a relatively high altitude, quite a ways south of the Deland Airport. After what seemed a long period of time these forms had lowered a streamer that shortly afterwards made itself into a beautiful colored silo parachute. When we finally reached the sight of all the activity we were surprised to find a well organized and disciplined group of relatively young college people participating in this sport. While we were standing around talking to all the colors and activities of the meet which we didn't actually understand, a young man approached us and introduced himself as William (Bill) Bohlinger, an ER 73 grad. Bill, we found, was typical of all the people at the meet, if you had any questions on the procedures, equipment, training or anything that you didn't understand, no matter how simple, they were more than happy to answer it or if possible show you the everything opened. Bill informed us that we were welcome to go out to the landing area and watch the competition in various accuracy landing events, which consisted of landing on a three-inch disk, starting from an altitude of 3000 feet three or several exact landings by the way. Both my wife and I were surprised to find that women also competed in this sport and that one of the top flyers of this competitive meet was a young woman jumper for the Air Force Academy team (she was a friend of one of the color's)

We found that to make a single jump, you must be qualified and hold a current certificate (Type A, B, C, D, E). Then you must pack your own main parachute and reserve chute, then find an unpacker-pay the pilot to take you up to some safe altitude, then simply JUMP out of the door, heading for Earth. Then at some safe altitude, pull your parachute and deploy your main parachute allowing you to float to the ground and make a safe, controlled landing. The final landing I understood, could be compared to jumping off a two foot high shelf.

The last jump we were told before a brisk southerly wind closed the day's events, was an attempt to form a star, consisting of 15 guys and girls from various colleges and universities. After an extensive practice on procedures while still on the ground, the group boarded three aircraft and headed for the proverbial wild blue to rendezvous at 10,000 feet above the Deland Airport. When the signal was given to jump the sky became alive with 13 individuals doing just that. The group then made a direct tracking towards the ground trying to land into a single large unit before cine camera ran out. At about 70 seconds five falls into the jump only six or so were able to join up-land was critical, the star was broken allowing everyone to clear themselves for a safe deployment of their chutes. With all the parachutes open the blue sky became a multicolor of colors, floating and dancing upon the winds to deposit their burden, sometimes as gently upon the — trees, tall grass, ponds, hard ground - etc.

From a novice point of view this was no longer a complete layman we found the sport and the College Parachute meet quite interesting and educational for us and for the competition it seemed to breed a common fellowship and spirit on high qualities of sportsmanship no matter where one finished in the final tally.

The only question I have, is why didn't Embry Riddle Aeromatical University send a squad to show more interest and enter in the meet, since we were the host school in this meet to do so, I would assume that Sport Parachuting does qualify as an occupation, orientated type activity and that, I think is what Bill is all about — promoting interest and safety in aviation and associated fields and activities.

By Jack Sprankle
Embry-Riddle fellers held their first FPA, Florida Inter-Collegiate Fencing Association tournament at Daytona Beach Community College gym. Schools belonging to FPA joined Riddle for the competition, included were: Florida State University (Fsu), University of Florida (Uf), Miami-Dade Community College (Mdcc), Florida International University (fiu) and Brevard Community College (Bcc).

Several Riddle students assisted the team members in laying down fencing strips and preparing for the competition the night before. The building began at 9 AM with men's and women's foil, since Gillies, Warren, and Jack Sprankle (fencers) men's foil for Embry-Riddle and fought strongly throughout the event.

Embry-Riddle men's foil and four weapon teams were among the other events held. The four weapon team for Riddle consisted of Warren Luttrell, Steve Gillies, and Jack Sprankle above. ERAU had to forfeit the fourth weapon which is a woman flier due to lack of a female team member.

After twelve hours of steady dollar shaving, troops were given to the first three women in each event, and medals were awarded for the men's individual epee. The competition concluded ERAU's fencing for the fall semester, but they will be back in full swing for a January 19th tournament next year.

Warren Lucas, elected team captain, will be graduating in December. The team will be losing a devoted and outstanding fencing member. The team would like to thank Warren and with him the best of luck.

Thanks also goes out to all those who helped the team this semester, especially during the home meet.

**Parachute Meet: A Layman's View**

**Fencing Tournament**

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**NOTICE**

To all graduating seniors. If you want a yearbook to be sent to your home, phone number: NEXT SEPTEMBER, please fill out the form below and return with the Phoenix office or the mailroom. If we do not have your address we can't send you a book.

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**Girl Of The Week**

Photo by: Jeff Rubin
Christmas
Greetings

Brothers of the Wind

By Jack Bailey

Brothers of the Wind, a newly formed social club on campus, got off to a good start during the month of November by visiting the Volusia County Department of Parks, where they played flag football and basketball with the young residents there. The club visited the detention home on two occasions, each time the majority of the young people there showed a great deal of interest in airplay and the field of aviation in general.

Also on last month's agenda for the club was the granting of honorary membership to Mr. Mattie Williams, a retired educator and long-time resident of Daytona Beach who worked in an aircraft factory in Michigan during World War II.

Brother of the Wind plans to be involved in campus and community activities. The club's officers are Robert Williams—president, Ralph McLean—vice president, Stephen Gillis—secretary and George Cooper— treasurer.

DOES YOUR IDEA SIMPLIFY COMBINE, ILLUMINATE OR IMPROVE?

Little things mount up. The ocean, for instance, is the sum total of the countless tiny drops of water it contains, and the desert is a grain of sand multiplied by incalculable numbers. Likewise, a wasted piece of material—worth only a fraction of a cent—can turn into an incalculable liability if it is wasted several hundred times a day.

A few years ago, a young clerk at the Veterans' Administration headquarters discovered that a printed report form could be eliminated since the data it contained was available from other sources. Elimination of the form, the work saved in preparing it, and time saved in the post office amounted to more than one and a half million dollars. Needless to say, that clerk is a clerk no longer.

A wrapper in a mail-order house found that a standard package could be adequately secured with 36 inches less than an old specification sheet called for. The company shipped an average of three million such packages annually. The saving: 1,800 miles of string a year!

What are some of the areas where savings of time and money can be made? Let's take a look:

Raw materials: better methods of storing, handling, transporting, testing, using in production.

Fabricated parts: cutting of rejects, preventing damage, softening in handling processing for reuse, adaptability to production methods.

Methods: Eliminate unnecessary handling. Will one operation suffice where two are now used? Modification of production reduces time of production.

$1500-$2500 cash bonus for one of these jobs.

Not everyone can do the job, but many can qualify for them. But, if you do, and successfully complete your training, you'll be paid a cash bonus. The bonuses range from $1500-$2500, depending on the job. You'll be expected to serve a year's apprenticeship. But the bonus will be paid in lump sum after your training is completed. And most of the jobs are open to women.

In addition to the bonus, you'll also receive regular Army pay and benefits. Starting salary of $250 a month below deductions, with a rise to $250/10 just four months later. Pay raises, bonuses, and educational benefits are available annually.

Here are some of the jobs:

- Construction Mechanics: Airframe Mechanic, Radio Mechanic
- Diesel Mechanics: Diesel Mechanic, Industrial Mechanic
- Aviation Mechanics: Aviation Mechanics, Industrial Mechanics
- Aircraft Repairmen: Aircraft Repairmen, Aircraft Mechanics
- Automotive Mechanics: Automotive Mechanics, Automotive Mechanics
- Aircraft Operators: Aircraft Operators, Aircraft Operators

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