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Embry-Riddle Aeronautical University

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AERONAUTICA

Mooney aerobatic EFS competes for Air Force contract



Flying high...
 New Mooney takes off, and will be used to screen Air Force pilot candidates as well provide the civilian market with a new aerobatic aircraft.

by John McDermott
 Aeronautica Editor

Mooney Aircraft Corporation recently rolled out and demonstrated its entry in the U.S. Air Force competition to select a new aircraft for screening candidate pilots before they begin pilot training.

The new Mooney is designated the EFS after the USAF's Enhanced Flight Screening Program, the mission for which it was designed. The winning entry in the EFS competition will replace the Cessna T-41 screener aircraft currently in use at the Air Force Academy at the other screening facility at Hondo, TX. The Air Force is expected to announce a decision in December. The contract will be for 125 aircraft.

A civilian version of the Mooney EFS, identical to the military aircraft, is scheduled for first deliveries in the third quarter of 1992, according to Mooney CEO Jacques Esculier. There is a strong interest in an aircraft of this type for sport and private flying. Deposits are being accepted now for delivery positions. The initial \$5,000 deposit is fully refundable, and will be held in escrow with interest paid. The Mooney EFS is a fully aerobatic, FAR Part 23 certified variant of the basic Mooney ATS trainer. It is stressed to plus-six G's and minus-three G's and features side by side seating for a student and instructor, stick con-

rols and a large sliding canopy for maximum visibility. Power is provided by the Lycoming AEIO-540 aerobatic engine producing 260 horsepower. This gives the Mooney EFS a rate of climb of about 1500 FPM and a maximum cruise speed in excess of 180 knots (207 mph) at sea level. Maximum gross weight is 2900 pounds for both normal and aerobatic flying. The EFS has service ceiling of 20,000 feet and an endurance of six hours at 10,000 feet with its 75 gallons of usable fuel.

According to Mooney's Esculier, purpose of the enhanced screener aircraft is to enable the Air Force Training Command to classify pilot training entrants on a two track basis. The Mooney EFS aircraft gives the program an aerobatic component it did not have before, and will help in directing pilot candidates toward one of two training tracks, Bomber/Fighter or Tanker/Transport.

The Air Force student will occupy the right seat and the instructor the left. This arrangement allows the student to fly the EFS with his right hand, using his left hand to operate engine controls, switches, and avionics.

In the civil EFS, the arrangement will be reversed with the pilot in command in the left seat. Dual controls will be provided for the civilian version for either left or right hand flying.

A civilian version of the Mooney EFS, identical to the military aircraft, is scheduled for first deliveries in the third quarter of 1992...

New BAe 125-800B uses Collins Pro Line

by John McDermott
 Aeronautica Editor

The first factory completed British Aerospace 125-800B to feature the Enhanced Pro Line II avionics system from the Collins General Aviation Division of Rockwell International has been delivered.

Completed in Chester, U.K., the aircraft was certified to the Civil Aviation Authority's Category II specifications. Delivery to customer RMC Group Services Ltd. took place on Dec. 20, 1990. The Collins Enhanced Pro Line II package will be the new factory standard on all 125-800B's delivered in the second half of 1991.

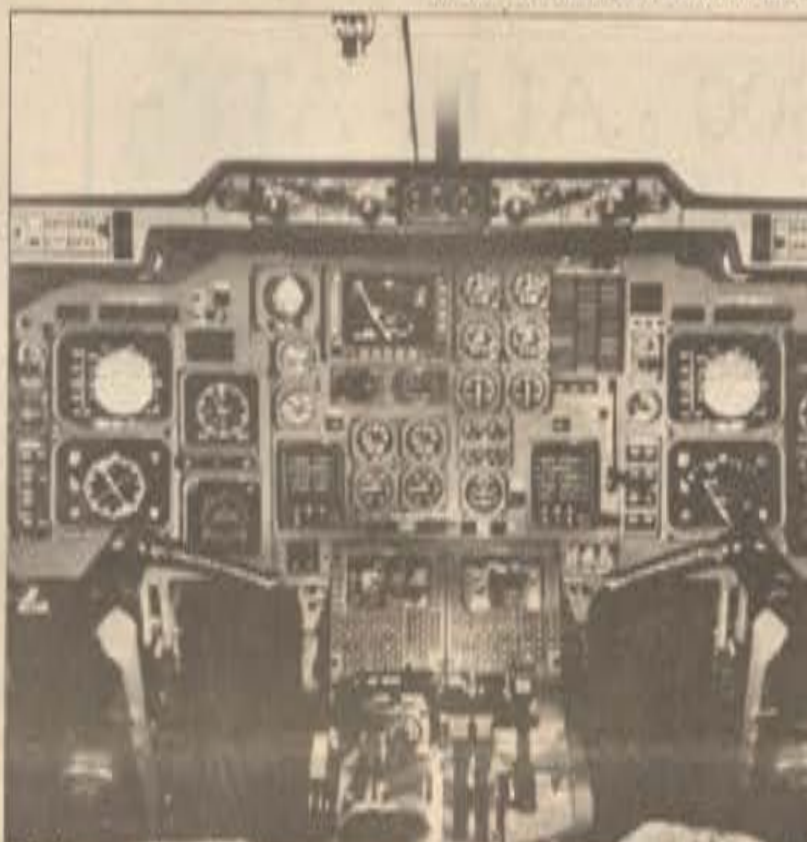
The Collins Enhanced system provides all CRT primary flight display, integrated radio tuning units, and choice of long range navigator. The

ready Mixed Concrete Group aircraft installation includes the EFIS-86 Electronic Flight Instrument System; ALI-850 Altimeter/Vertical Speed Indicator; MND-640 Multisensor Navigation Display; RTU-870 Radio Tuning Units; APS-85 Autopilot; AHS-85 Attitude/Heading Reference System; ADS-86 Air Data System;

The Collins Enhanced Pro Line II package will be the new factory standard on all 125-800B's...

TWR-850 Turbulence Weather Radar; Pro Line II-4 0 0 Comm/Nav/Pulse including TDR-94D Mode S Transponder; in addition the aircraft is equipped with a UNS-1A long range nav.

New options are now incorporated which include autopilot coupling to the laser inertial reference and an associated EFIS display, and the Global Airborne Flight Information System displayed on the UNS-1A.



Enhanced cockpit...
 Collins Pro Line II digital system is now available on factory completed BAe 800 business jets.

Disaster avoided on flight from Japan

by Todd Hughes
 A.P. News editor

United Airlines flight 58, en route from Tokyo to San Francisco, turned back to Tokyo and landed safely without incident shortly before 1 a.m. local time after a passenger claimed to have a bomb on board the aircraft.

The aircraft was met by emergency equipment and taxied to a remote location, where the 296 passengers and 20 crew members safely exited the United Airlines 747-100 via stairways.

The flight was two hours old when a passenger in the economy section began shouting and exhibiting an inflated sickness bag, which he claimed was a bomb. Without informing the passengers, the crew turned the aircraft around and headed back to

Tokyo. There was no panic or commotion when the planes return was unannounced, and passengers remained calm. No one was hurt in what authorities called a prank.

Japanese government officials took the passenger who made the security threat into custody and confiscated the bag that the prankster was using as his "bomb".

Japanese police experts have examined the contents of the bag and concluded that the bag contained no hazardous materials. "The security of our passengers is paramount, and we are obviously pleased that the threat of the person in custody proved to be false," said United Airlines Executive Vice President Operations James M. Guyette.

The flight was two hours old when a passenger in the economy section began shouting exhibiting an inflated sickness bag...

General Electric provides realistic visuals for simulators

by Tami Strout
 Aeronautica Writer

A new image generator, COMPU-SCENE VI, adds new features that increase terrain fidelity, accelerate the database generation process and dramatically improve scene realism. This image generator combines the advanced architecture of COMPU-SCENE PT2000 with the powerful mission rehearsal capability of COMPU-SCENE V.

Both COMPU-SCENE VI and COMPU-SCENE PT2000 will be supported by a new database generation system called TARGET, which stands for Training and Rehearsal Generation Toolkit. COMPU-SCENE VI dovetails with TARGET and COMPU-SCENE PT2000 to provide a continuum of mission generation capability that ranges from combat vehicle driver training to military flight training to complex mission rehearsal applications.

TARGET is a powerful systems package that can be configured for database tasks ranging from the very

simple to the very complex, such as rapidly creating and updating mission rehearsal databases.

Rapid database generation is now a reality due to increased automation, the elimination of image generator constraints and the creation of an intuitive user friendly interface. With TARGET, users can rapidly fuse, validate, and preview data from any source to produce common mission databases that fully correlate out the window, sensor and radar simulations and

COMPU-SCENE VI is the only image generator that will directly process geodetic coordinates...

match the real world. For example, 3000 square nautical miles of the Middle East can now be produced from digital sources in as little as two to four hours while small areas can be updated in minutes.

COMPU-SCENE VI includes many new revolutionary features. COMPU-SCENE VI is the only image generator that will directly process geodetic coordinates (real world data such as that provided by the Defense Mapping Agency). The in-cockpit and out-the-window displays will correlate exactly where as

competing image generators must cope with separate radar simulators that generate inconsistent displays.

There have been dramatic improvements in photorealism, for example up to 64 million texture elements can be rendered for a single scene.

A unique "Tiling and Layering" scheme dynamically smooths the transition from high detail (up close) to low detail.

GE is demonstrating COMPU-SCENE VI at its recently built Daytona Beach facility and will feature demonstrations of the photo extraction and image processing capabilities of TARGET at its booth (Booth number 603) during the Inter-service Industry Training Systems Conference.

This new facility in Daytona Beach signals GE's view of the future. The 10,000 square foot laboratory will play a central role in the future design, development and demonstration of sophisticated visionics.

In GE's words, "This is a show-me environment where end users and product designers can jointly evaluate visionics solutions and collaborate every step of the way, from raw concept to finished system."



Realistic Training...
 GE Aerospace's new COMPU-SCENE VI image generator features increased terrain fidelity, and improved scene realism.

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Aviation Industry news bulletin

by John McDermott
 Aeronautica Editor

A.O.P.A.
 A.O.P.A. plans to help military families of service members in the Persian Gulf. A.O.P.A. will operate a referral service for general aviation pilots interested in working with medical transportation, and to fly military family members to hospitals to visit injured service men and women.

N.T.S.B.
 N.T.S.B. urges changes in pilot-astronaut program following near-miss incidents. Three incidents involving N.A.S.A. astronauts flying T-38 aircraft could have been averted if a second crewmember had been in the cockpit and if the planes had been equipped with modern communications aids.

Delta Airlines
 Delta Airlines recently became the first air carrier to

begin scheduled international service with the MD-11. The new tri-jet will be linking Orlando with Los Angeles and Tokyo, six days a week.

G.E. Aircraft Engines
 G.E. Aircraft Engines' CT7-9B turboprops will power the additional 20 firm and 20 option Saab 340B aircraft ordered by AMR Eagle carriers. This new order will place the Saab 340B order at 120 aircraft for American Eagle.

F.A.A.
 The F.A.A. has responded to a petition filed last summer by the E.A.A., A.O.P.A., and Helicopter Association International (HAI) by extending the deadline on the manufacture, safe and installation of Mode C transponder equipment.

The EAA reports that the FAA extension to July 1, 1991 acknowledges the lack of Mode S equipment for small single and multi-engine aircraft, but provides only short-term relief.

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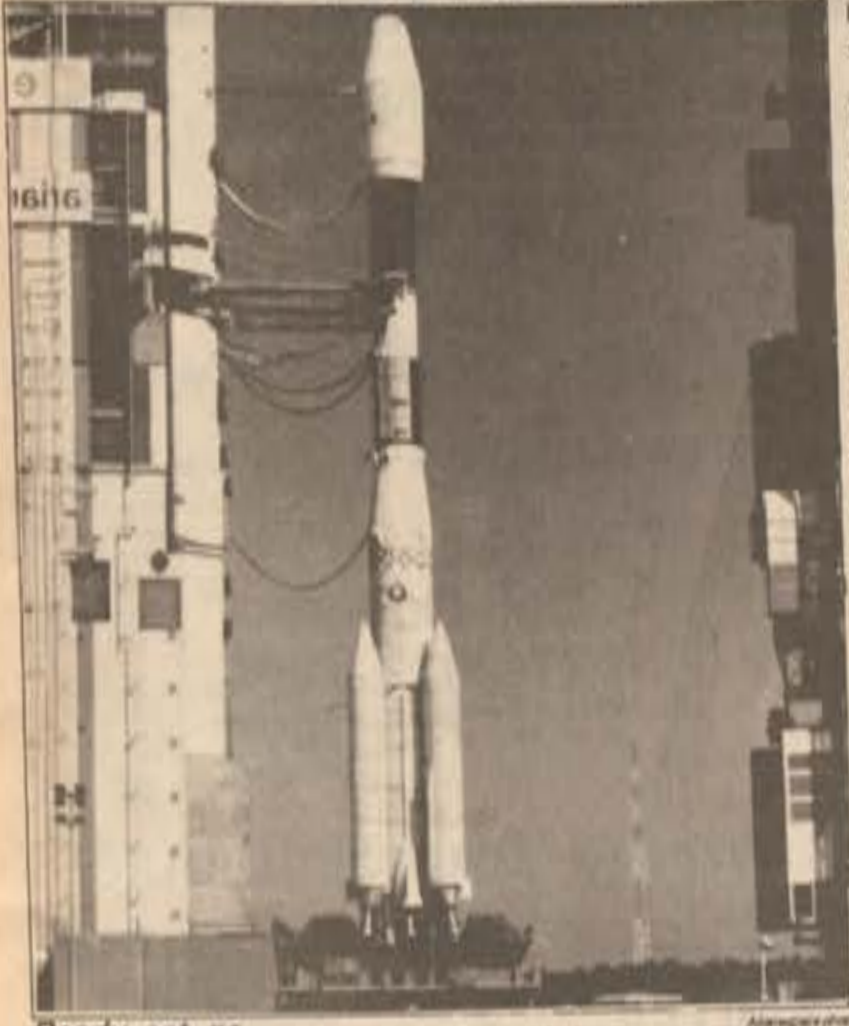


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Ariane rocket readied for next launch



Ready, set, go...
An Ariane 4 rocket sits on the launch pad, being readied for its flight tomorrow. The Ariane 4 will be carrying a dual payload into geostationary orbit.

by Brian D. Marchesseault
Space Technology Writer

The launch window for Arianespace flight 42 is scheduled to open at 11:34 p.m. (GMT) on February 21. The payload of this 14th flight of an ARIANE 4 rocket consists of the ASTRA 1B and MOP-2 satellites. Ariane launch complex nr 2 in Kourou, French Guiana marks the starting location of the mission.

An ARIANE 44LP version of the ARIANE 4 will be used in boosting the dual payload into geostationary transfer orbit. Arianespace flight 42 will be the sixth time the ARIANE 44LP is put into service. This model uses two liquid and two solid strap-on boosters in assisting to propel the vehicle skyward. The boosters are attached to the first stage N₂O₄ fueled engine, above which sits the second stage N₂O₄ engine. The third stage liquid oxygen and hydrogen engine is stacked next, with the top of the payload bay fairing atop it at 190 feet high.

The payload flight configuration is to mount the ASTRA 1B above the Mop-2 satellite in the payload fairing. The MOP-2 will be contained in the SPELDA 10 Dual Launch Carrying Structure of the payload fairing. The ASTRA 1B is being lifted into orbit for the Societe Europeenne de

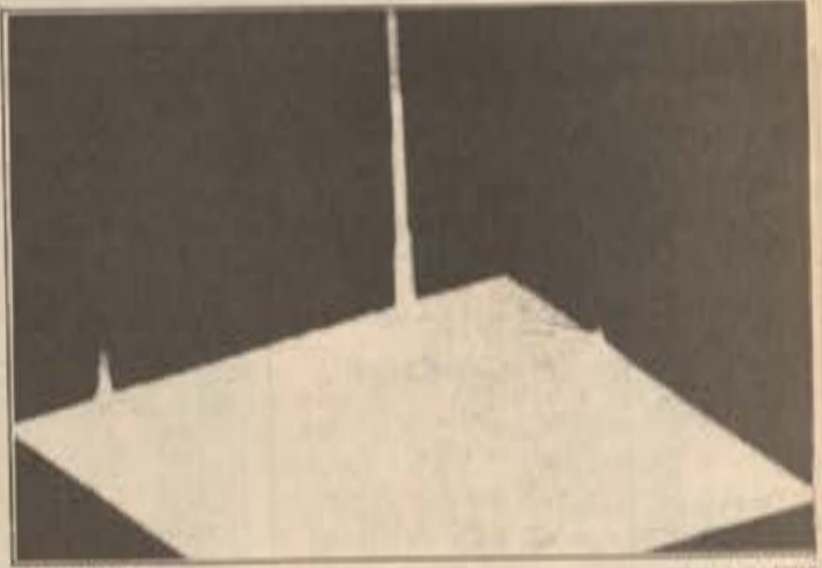
Satellites. It is to be co-positioned with the ASTRA 1A in order to permit the reception of up to 32 TV channels and a variety of radio programs on satellite dishes throughout most of Europe. American's GE Astro Space Division created the ASTRA satellites for the mission.

Aerospatiale of Cannes, France was contracted to deliver the MOP-2 for the European Space Agency (ESA). The MOP-2 is to be commissioned as a weather observer for Earth imaging, collection, and dissemination of Meteosat data. Re-transmission of other satellites' images will also be a task for the MOP-2.

In conjunction with ESA, EUTELSAT, France, Luxembourg, and Spain,

Arianespace flight 42 will be the sixth time the ARIANE 44LP is put into service.

Arianespace holds 47% of the commercial launch services launched and contracted to be launched since 1981. Arianespace's 42nd mission will represent another statistic in this high success rate of the program. Weather permitting, Arianespace flight 42 will be on its way to the heavens Thursday night. Success of this unique dual payload mission will complement the prospering Arianespace organization. More over Delta and Titan programs, Arianespace is here to stay.



It works...
The star Melnick 42, 170,00 light years from Earth was photographed with the Hubble Space Telescope. This image shows a three-dimensional view of the optical image of Melnick 42 and nearby sky.

Hubble studies star in neighboring galaxy

by Vilma E. Molina
Space Technology Writer

Astronomers working with the Goddard High Resolution Spectrograph, an advanced instrument on NASA's Hubble Space Telescope (HST), had reported what they call the best spectrograms ever obtained of Melnick 42, a very massive star in a galaxy 170,000 light-years from Earth. The report was presented by a team from NASA's Goddard Space Flight Center, in Greenbelt, Md., to the meeting of the American Astronomical Society in Philadelphia on January 16.

Dr. Sally Heap, leader of NASA's team, has reported that Melnick 42 is between 80 and 100 times more massive than the sun. She has explained that Melnick 42 is a hot young supergiant star in the Large Magellanic Cloud (LMC), a galaxy neighboring the Milky Way, which is our galaxy. The star is approximately 2 million years old, while the Earth's age is 4.6 billion years old. Melnick 42 has a surface temperature eight times hotter than the sun, or a temperature of about 86,000 degrees Fahrenheit. Melnick 42 will explode as a supernova in the next few million years, while the sun will continue to shine for a few more billion years, according to a present

theory. Dr. Heap had announced that her observations were made possible because Hubble's orbit is above the Earth's atmosphere which blocks the far ultraviolet light from reaching ground observatories. Also important was the spectrograph's tiny entrance hole, about 3/75th of an inch on a side, into which HST focused the bright core of the star's image. As Dr. Heap added later, that excluded interfering light from stars near Melnick 42.

The research involves astronomers in the United States and Europe. Their purpose is to study how chemical makeup of hot stars (hotter than the sun) influences the way in which the stars change with time on their inexorable road to stellar explosion. Dr. Heap has reported that their findings on Melnick 42, if confirmed by additional study, would seem to contradict the astronomers' assumption about "stellar winds," or hot gasses traveling at high velocity.

The astronomers' assumption is that the low abundance of elements heavier than helium in stars of the LMC (like Melnick 42) compared to stars in the Milky Way galaxy, would result in the LMC stars having rather weak "stellar winds."

Discovery gets ready

by Joshua S. Mussal
Space Technology Editor

The Space Shuttle *Discovery* has taken one step closer to its next launch by traveling the three and one-half mile journey from the Vehicle Assembly Building to Launch Pad 39-A early Friday morning. Once the vehicle arrived at the pad, the STS-39 payload was installed into the cargo bay on Saturday. During the closeout inspection of *Discovery's* external tank doors, located at the connection between the orbiter and the ET, several cracks were discovered. Cracks have been detected in three of the four hinges. There are two hinges per door. Two of the cracks have been described as being two inches long by

approximately one-tenth inch wide. Engineers will be evaluating data over the next few days to determine the best course of action. The terminal countdown demonstration test began on Tuesday when the astronauts arrived Monday morning, and will culminate with a simulated engine cutoff at T-0 at 11 a.m. today. The vice president of the United States will be visiting the Kennedy Space Center today to tour various sites on the complex, deliver a speech to space workers and participate in a press conference. The vice president will visit the Launch Control Center to witness a dress rehearsal for the STS-39 mission and speak with its astronaut crew.



One step closer...
The Space Shuttle *Discovery* made its way to Launch Pad 39-A last Friday morning, leaving the Vehicle Assembly Building at 12:43 a.m. and arriving at the pad at 7:30 a.m.

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Student debt counseling available

Staff from Student Financial Services and the Financial Aid Office are available to meet with you to assist you in planning the payment of your outstanding tuition. Please note, this is not a payment-on-demand session. This is a chance for you to meet with University personnel to discuss your debt, and how to meet your payment deadline and remain enrolled.

If you would like to take advantage of this service, please contact the Student Financial Services Office at 239-6285 to arrange an appointment.

Financial aid update

The Financial Aid Office has mailed scholarship applications to students eligible to apply. If you had a 3.0 cumulative GPA at the end of the Fall '90 term and have not received a scholarship application in your ERAU mail box, please stop by the Financial Aid Office to pick one up. The deadline for submitting the completed application to the Financial Aid Office is February 28.

Two more workshops are scheduled to give assistance in completing the 91/92 financial aid application: Feb. 22 at 12 p.m. and Feb. 27 at 4 p.m. Both workshops will be held in Room 115, of Spruance Hall.

If you haven't picked up an application for 1991/1992 financial aid, do it now. The April 15 priority deadline is close to final. Fill the form out now, and save yourself some stress.

The Financial Aid Office is located in Room 135, of Spruance Hall. We're open from 8 a.m. until 5 p.m., Monday through Friday. The phone number is 239-6300.

Spring degree applications available

Applications are being accepted for those expecting April 1991 degree completion. Come to the Registration and Records Office to complete an application to receive an evaluation.

For those students anticipating summer 1991 graduation, the Records and Registration Office suggests that you fill out your Degree Completion Application for a preliminary evaluation for degree completion. It is especially important for those summer applicants anticipating attendance at the Spring 1991 ceremony to apply at this time.

Applications are available in the Registration and Records Office on the second floor of the John Paul Riddle Student Center Extension.

Simuflite scholarship offered

The Simuflite Corporation at Dallas, Texas has provided two scholarships per year to Embry-Riddle Aeronautical University students. This scholarship is composed of approximately \$8,000 in training in either the Citation or the King Air Phase II simulators and \$1,000 for expenses. To be eligible for this scholarship, the following criteria must be met:

- 1) Complete all degree flight requirements at ERAU.
- 2) Currently enrolled as a full time student at ERAU.
- 3) Have minimum cumulative GPA of 2.8 with a minimum GPA of 3.0 in Flight and in Aeronautical Science course work.
- 4) Possess Commercial Instrument and Multi-Engine ratings, 5) Recommendations from previous flight instructor and the appropriate flight training manager.
- 6) Two letters of recommendation from Aeronautical Science faculty.

Candidate must have had each of the faculty members for at least one upper level course.

Students can pick up applications in the Aeronautical Science Office, room 123, in the new AWS building. The application data is also due into the same office by the end of the day on Thursday, Feb. 14, 1991.

Spring degree applications available

Applications are being accepted for those expecting April 1991 degree completion. Come to the Registration and Records Office to complete an application to receive an evaluation.

For those students anticipating summer 1991 graduation, the Records and Registration Office suggests that you fill out your Degree Completion Application for a preliminary evaluation for degree completion. It is especially important for those summer applicants anticipating attendance at the Spring 1991 ceremony to apply at this time.

Applications are available in the Registration and Records Office on the second floor of the John Paul Riddle Student Center Extension.

Aerospace Society hosts Guest Speaker

The Embry-Riddle Aerospace Society will be hosting Mr. Robert Granath of Lockheed Space Systems Corporation. He will be speaking about the Space Station *Freedom*. The presentation will be held in room W-306 starting at 7 p.m. this evening. This presentation is the first of several scheduled by the Aerospace Society for the semester. Next week, they will be hosting Dr. Ken Jang, Programs Manager for Pratt & Whitney's Government Engines Business.

The Weekly Crossword Puzzle

ACROSS

- 1 Engineer's compartment
- 4 Monster
- 8 Ship's complement
- 12 Anglo-Saxon money
- 13 Act
- 14 Kind of bean
- 15 Lamprey
- 16 Delightful
- 18 Small valleys
- 20 Newspaper paragraph
- 21 Either
- 22 Affirmative
- 23 Sum up
- 27 Small rug
- 29 Evil
- 30 Accumulate
- 31 Negative prefix
- 32 Obstruct

DOWN

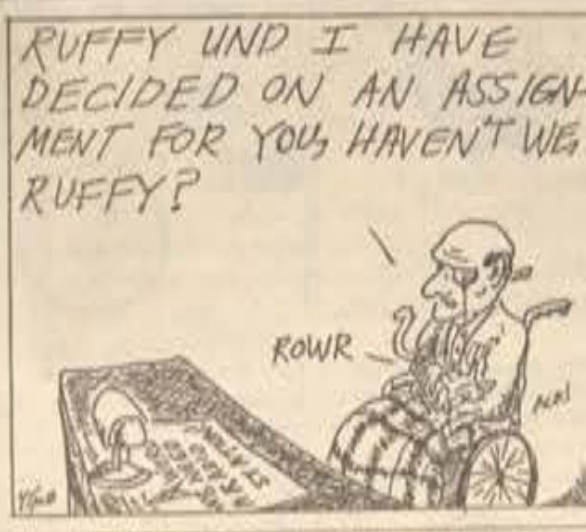
- 33 Fixed charge
- 34 Amidst
- 35 Run easily
- 37 Impediment
- 38 Choose
- 39 Jump
- 40 Hourly
- 41 Italy abbr.
- 42 Consume
- 44 Stumble
- 47 Triangular sail
- 51 Lubricate
- 52 Care for
- 53 City in Nevada
- 54 Ocean
- 55 Asian deer
- 56 Walk
- 57 Superlative ending

4 Advantage
5 Command to horse
6 Depended on
7 Residents

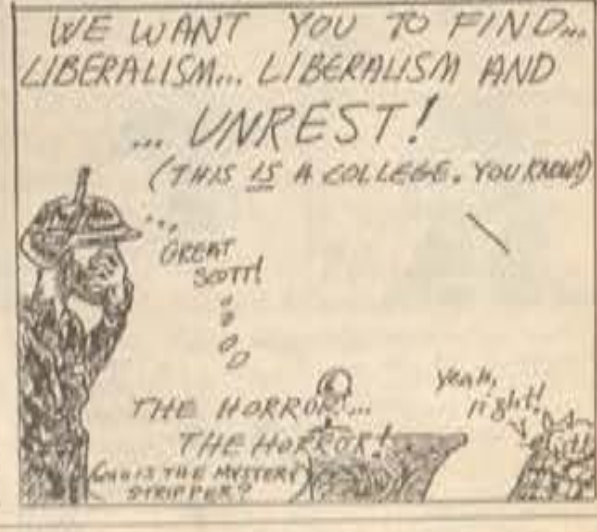
8 Atmospheric conditions
9 Spanish for "river"
10 Large bird
11 Exiled
17 Symbol for cerium
18 Tautonic deity
22 Sweet potato
24 Pull
25 Fall in drops
26 Dispatched
27 Small factory
28 Century plant
29 Evil
30 Weight of India
32 Heals on
33 Novelty
34 Man's partner
37 Container
38 Indolent
40 Heavenly bodies
41 Negative prefix
43 Article
44 Torrid abbr.
45 Saver's product
46 Harrow, flat board
47 Pigeon
48 Edible seed
49 Writing fluid
50 Compass point

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The Unknown Stripper



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 7-12 P.M.
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 T-SHIRT NIGHT
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 \$1.00 MIXED DRINKS

THURSDAY NIGHTS
 \$1.00 IMPORT BEER

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Autos for sale

87 SUBARU XT-4WD turbo, black, runs great, fully loaded, must sell, asking \$6500 OBO. Call 255-4767 ask for Ramiro.

83 CHRYSLER-New Yorker E Class loaded with options. Black 4 door with silver cloth int. looks, runs, and drives great. only \$1,275 OBO. Call 760-4285

WANTED: Big, old, American gas gazzer. Must have V-8 and 4 barrel. Composites and ugly paint. Must be able to stop 9mm rounds. Call Dale 760-3153

87 DODGE OMNI-5 speed P/S, P/B, AAC, Am/Fm Stereo, Rear window wiper, silver 5 door with silver cloth int. Runs, drives and looks excellent. Will sell for \$750 below book value of \$2250. Call 760-4285

Roommates

ROOMMATE NEEDED-3 Bedroom house, 1.5 miles from ERAU. Pool, jacuzzi, washer, dryer, microwave and other utilities. Call 760-1754.

ROOM FOR RENT Available immediately. \$172/month + 1/3 util. Call Rob 257-3360.

TOWNHOUSE FOR SALE-2 BR, 2+1/2 Bath, community pool, screened porch, Forest Lakes subdivision. Assumable VA mortgage 9% fixed. \$5000 down and assume mortgage of \$481/mth (includes taxes and insurance). Call 788-5372

2 roommates needed to share nice 3 bedroom house in quiet neighborhood. 3 miles SE of campus. \$155/month, \$80 security, 1/3 utilities. Call 788-6679 or 788-6610

Want a new place to live? I'm sub-leasing my Apt. at Cypress Landings. Pool, tennis, racquetball, and many other features. 1 bedroom w/ bath. No deposit + \$275 month rent. I am currently living w/ my girlfriend and don't need this room anymore. Call 255-8419 or leave a message in box 2071.

2 WEEKS FREE!-Would you like 2 weeks free rent? Sign a lease and I'll pay your first 2 weeks. One bedroom, \$345 mth rent, \$300 deposit. Apt. #1058 at the Water Club. I live a CO-OP in Chicago and need to sub-lease. Call 255-8419 and leave a message. I'll get back to you.

PELICAN BAY-Housing to share for top notch Embry-Riddle student. Contact Neil Genova at 756-1916.

ROOMMATE NEEDED-\$247 a month rent + half utilities. Own room + bath. Cable, washer, dryer, and pool. Pet Org. area. 10 min. from school. 756-1463

Miscellaneous

WANTED-MA220 Tutor. Must be excellent in math and able to teach. \$7.00 per hour for approx. 3 hours per week. Cash bonus at Semester's end based on grade received for course. Remit: Proof of qualifications. Name, evening phone number, and Box # to: MA 220 Box 8491

FOR SALE Multi I/O Card, 1 Parallel, 2 Serial, 1 Game. Serial Ports can be configured as COM1 to COM4. Printer port can be configured as Lpt1 or Lpt2. \$30.- Call 760-3219.

SCUBA INSTRUCTION: 13 years diving experience; specializing in advanced training. See Jan at the scuba club meeting or call 761-2021.

MULTI ENGINE INSTRUCTION-Piper Seneca/ATP, M12 or Multi. \$120 per hour includes instructor. Call 258-3372.

MISC FOR SALE: IBM PC Convertible and IBM Color Display, Two 128 KB Memory, CRT Display Adapter, Serial Parallel Converter \$400 - Take New, Hurry! Call 760-5127, Diana.

DOUBLE BED FOR SALE-Like new. Mattress, box spring, and frame. \$75 Call Nancy 258-6181

TWIN SIZE BED FOR SALE-Frame included \$50 Call 258-3989

GREEN MILITARY FLIGHT JACKET FOR SALE-\$45 This flight jacket is in excellent condition. Call 258-3989 or leave message in box 8654

FOR SALE-Full size bed, mattress and box spring \$75. Call Lance at 761-4685.

PIONEER STEREO-VSX 5300 Receiver, 110 watts, remote, dual cassette, CD player, 2 Tower spks, 2 bookshelf spks. Too many features to list. \$950. Call Fred 252-6527

FREE KITTEN-Gray and white, long hair, 10 weeks old. Very cute. Call Michele at 761-0424

FOR SALE-2 Hayes Smartcom 1200B modems, 1 C. Ink Prowriter, 1 KX P1091 Panasonic Printer, 305 small block chevy engine, 1 Weiland aluminum manifold SB chevy, Holley 600 CFM carb. Leave a message in box 6350 or call 255-2162

QUEEN SIZE WATERBED-Complete with drawers, headboard, heater, and liner. Like new 390 OBO 274-4218.

WEIGHT SYSTEM-Weiber, bench butterfly, curl, leg curl, pulley system, includes cement and iron weights, lots, does it all. Like new. \$120. Call Pete 761-4264

FOR SALE-golf clubs, complete set, all-leather carry bag \$125. Acoustic guitar, Alvarez Regent, 1 year old, excellent condition \$125. If interested, contact Thomas at 760-2828

CD's for sale. Lots of bargains! Call Beth 255-1067 or drop a note in my mail box-1393.

SAILPLANE INSTRUCTION Experience the pure and quiet, yet challenging sport of soaring. For more information about Rules and instruction contact Drew Pearce Box 3394 or 252-2164.

FOR SALE/R/C Helicopter, 45 engine, fully aerobatic, auto rotation, flies great even for a beginner. ONLY \$350. Call 760-3219.

SONY DISCMAN-Portable CD player. Runs on AA batteries! \$70. Sony "Watchman" B/W TV only \$50. Midland 40 channel CB \$25. Radio Shack PRO-34 scanner, picks up everything you want to hear!!! \$220 Call 238-0896
For Sale-Twin bed with bookcase headboard.
Contact Jim at 673-8107 or Box 6430

For Sale: Loveman \$50.00-Tv/VCR stand \$10.00
Call Rorry at 255-0776

Anyone knowing the whereabouts of a set of lost/stolen keys near the ASSJ/AWSC building on the 11th, Please contact Box 5092 or call 238-3946. Approximately seven keys were on the ring. (Motorcycle, GM car, etc.)

VCR-Brookstone, 4-head, 14 day, 4 event timer, with remote. 3 months old, rarely used. Call Chet-253-9498
After 6:00pm. Asking \$150.00

1966 Ceema 150-F 2400 TT, 350 SMOH, IC In and Out. For more information contact Drew Box 3394 or 252-2164.

FOR SALE Okidata, Okj 20, 20, for Amiga or IBM, with Centronix interface, 24 pin thermal B/W or color (144 shades). \$150. Call 760-3219.

FOR SALE High Quality 24 pin printer, 5 resident fonts, one downloadable, 8K RAM buffer, amazing paper handling, top feed, bottom feed, front feed, paper parking for tractor paper allowing printing on envelopes & letter heads. Paid \$400 ONLY \$315 - O.B.O. Call 760-3219

FOR SALE Roland Synthesizer, fully programmable, stereo, with sustain & patch change pedals; 2 groups 8 banks per group and 8 patches per bank, for total of 128 patches. MIDI in, out, thru. Serious inquiries only \$800. Call 760-3219.

FOR SALE Roland Cube 60, Keyboard Amp, 2 inputs, with reverb, bass, mid, treble control, effects in/out, line record out, 15 inch woofer, 60 watts RMS. \$125. Call 760-3219.

FOR SALE Full Color Printer, prints all colors in one pass with 36 pin print head. Centronix parallel interface for IBM or Apple. \$300. Call 760-3219.

To all my friends and even to those who were't, I wish you all long life, and smooth flying. P.F.W.A.Y.F.H. Hey M.M. I did it! See you on the other side!
SINCERELY, JOE PILOT
P.S. B.D.H.L. You're not worth mentioning here so I didn't!
P.P.S-By the way ERAU, I don't care what you thought of my tag.

I Love You Jeannie!!!!

TO THE ORLANDO BOYS
How is that fence treating ya? Can we please get a little closer!

ERAS Members,
You'll never know!
Roland

H+S
I'm glad you understand my point. I'll let you live.
MAD MAX

TRACER
I now have made \$846 stuffing my envelopes. HA! HA! I'm getting rich!
FLU-BOX

H+S AND MAD MAX
Can I get to know Red too?
KUIAMA

ALEX
Do the envelope thing by GT DISTRIBUTORS. I've already made \$74 on day #2.
MARTY

Take care Primitivo, Peach Fuzz, Sweet Meat, Kevin, Ken, Brian, Sean, Jud, Joe, Dee, Jay, Tina & Coleen. The pleasure of knowing you all was mine. Good luck in your studies & all future endeavors.
CPL. JIM VAN CATT U.S.M.C.

Amy Litzinger
Happy Valentines Day!
MAD MAX

Once upon a time Once when you were mine...
LOVE ALWAYS JRM!

Dear Rach:
Happy 21st! I guess we'd better start buying stock in Ardenmore-Build now.
LOVE M.F.

TO EP-491 R.L.G. LANDER DESIGN TEAM, Good Presentation, Now get the hell back to work!
LOVE, LANDER COMMANDER

AMY
So you missed this last time. Let's see if you will do it again. You are becoming more and more special to me every time we talk. We'll be conversing live before you know it.
YOUR LITTLE BEARKAT

To all Nobody Beats the Wiz employees and former employees: We need you! The Crazy Eddie retail electronics support group now wants Wiz employees, due to lack of response from within C.E. We are organized to deal with the wave of bankruptcies in our industry. Join now. Contact Box 6365 or Box 6220.

YBEC
I can't believe we doing it. I wouldn't want anybody else.
TOP MAN

NEW ENGLANDER
Life only comes by once. Live for today. Have fun!
HTO

ALINOR
You're rooming with Bob.

IBM 55SX		Protek '386SX
'386SX CPU	'386SX	
2Megs RAM	4Megs	
16MHz Speed	16MHz	
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Yes Mouse	Yes	
No Joystick	Yes	
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\$2349	PRICE!!	\$1625

The Protek costs less because I own it and need to sell it. It's in perfect condition. The monitor will be ordered new with warranty. \$1825 with Super VGA.
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CLASSIFIED AD POLICY

- Non-commercial classified advertising and personals are free to the student body, faculty and staff of Embry-Riddle with a 35 word limit.
- All other non-commercial advertising is \$10 with a 35 word limit. Each additional word is 10 cents.
- Commercial advertising is available through the Avion advertising department.
- Classified advertising is carried out by filling out a classified ad card in the Avion office.
- Only one classified ad per card. Name and address of advertiser must be included for the ad to run.
- Only paid ads will run for two issues and may be renewed by filling out another classified ad card.
- No classified ads will be accepted over the phone.
- For more information, stop by or call the Avion office at (904) 239-6049.

FOR SALE Round End Table. Real well built \$20. Sizzor arm lamp. Looks new \$10. Call 760-3219.

For Sale: 1988 Yamaha YSR50 Great Condition, Garage kept New Pistons & Rings, Time-up \$850 OBO call 756-3641

For Sale: Girls Bike (10 up) \$25. Bed-extended twin \$35 Contact Vito-Box 4401 or 274-4058

WANTED: Attractive female for purely sexual relationship. I'm tired of all the other nonsense. No strings. No experience or name necessary. Please hurry, BOX 6073

Personals

Avion for sale-1976 Olds Cutlass "Urban Assault Vehicle" Composite Body, Gundy Available, Silver stripes for high speed use, Scratch-proof paint, scratch-and-sniff interior, 90% chance of surviving Earth atmosphere re-entry. Rock bottom price. \$49
Call Bob at 274-5269

ERAS Thieves,
Where is my car?
Pms.

Love means nothing to a tennis player.

Save ACETII!

FOR SALE-Sony CD Player, CDP-310 \$80. Phone 788-8062 or Box 3146. Ask for John.

Alicia,
Do you really read the personals?
RH

FOR SALE CGA Video Card. Works Good. With cables \$45. Call 760-3219.

MICHELLE MA220
Does your boyfriend live around here?
MM

FOR SALE 50 Meg Hard Card, Seagate 157, 6 heads, 2hrs ave access time, with controller VERY FAST!!! Paid \$550, NOW ONLY \$375, Brand new in box! Call 760-3219.

PS209
... only going forward 'cause we can't find reverse." The Film
MAD MAX

FOR SALE R/C Ducted Fan Unit for .60 to .90 size engines. Balanced 5 bladed prop. All mounting hardware. Produces 12 lbs. thrust at 19,500 RPM. NEVER USED! New cost \$100. Now only \$80.-Call 760-3219.

Dee (Pookums),
You asked for it, you got it. Sorry I couldn't get in contact with you about the 'Seam. You were probably over at Wood Forest anyway.
C. Ed

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