

The Pelican

A Newsletter for the F.I.T. Family

VOLUME VI

MAY, 1979

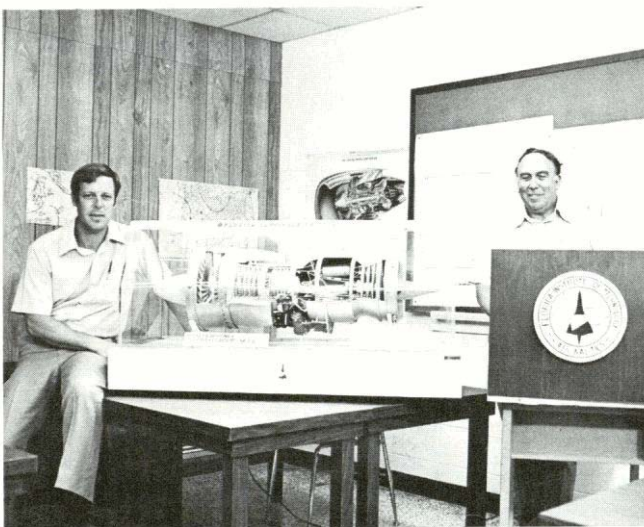
NO. 5

FAA APPROVES FLIGHT ENGINEER COURSE

Boeing 727 Aircraft is the topic of a series of five courses preparing students in the Bachelor of Science, Air **Commerce/Flight** Technology Program for a Flight Engineer, Turbojet FAA License. In some cases, students who are not majoring in flight technology may also take the 15-credit hour program.

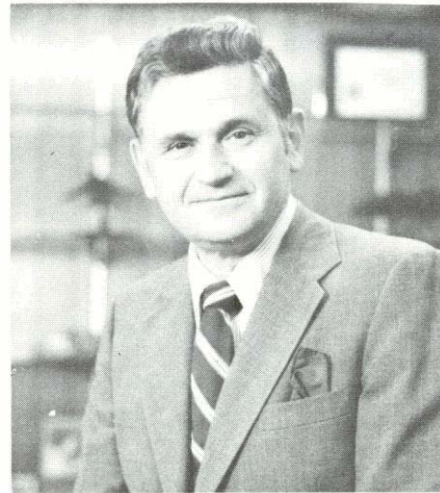
The Federal Aviation Administration Air Carrier District Office has authorized Florida Institute of Technology to conduct the approved program. In the state of Florida, F.I.T. is the only university to have such approval. Miami-Dade Community College and F.I.T. are the only colleges offering the program in Florida.

Instructors Hugh Gibson and Dan Carson have been instrumental in the development of the program and will be teaching the course. Dean Jerry Lauderbaugh says that the Flight Engineer Program will play an important role in the training of prospective airline pilots. Both Mr. Gibson and Captain Carson are to be congratulated for this achievement.



United Technologies, Pratt & Whitney Aircraft Group, donated the use of this **working** scale model of a JT3D jet engine. The engine is exactly like those used to power such modern airliners as the McDonald Douglas DC 8 and the Boeing 707 series of aircraft. The engine model valued new at over \$100,000 will be used primarily for the new Flight Engineer Program, but can also be used as a teaching aid to any courses dealing with principles of jet engines and propulsion. Shown with engine are instructors Dan Carson [left] and Hugh Gibson.

BOARD OF TRUSTEES ELECTS NEW MEMBER



George M. Skurla

George M. Skurla was elected to membership on Florida Institute of Technology's Board of Trustees at the regular annual meeting of the board on Tuesday, May 1, according to President Keuper.

Mr. Skurla is presently Chairman of the Board and Chief Executive Officer of Grumman Aerospace Corporation and a member of the Board of Directors of the Grumman Corporation.

After completing college in 1944, Mr. Skurla joined the Grumman Aircraft Engineering Corporation as an apprentice engineer, and has remained with the company since that time, progressing through a number of engineering and operational posts. He was chief engineer for Aerobilt Bodies, Inc., manager of Corporate Commercial Product Development, and assistant **director** of flight test. In the latter role, he was involved in the design and development of a number of Grumman Aircraft, including the F7F, F8F, and F9F.

In 1965, he received the challenging assignment as Director of Operations for Grumman at the National Aeronautics and Space Administration's (NASA) Kennedy Space Center. In this position he brought together the management team responsible for site activation of the numerous facilities associated with the preparation of the Apollo Lunar Module (LM) for launch. All in all NASA launched 10 LM's from Kennedy Space Center, and six of these were successfully flown to and from the lunar surface.

While still at the Kennedy Space Center, Mr. Skurla was appointed a vice president of the Grumman Aerospace Corporation, subsequently

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Campus Notes



F.I.T. was represented by twelve mechanical engineering students at last month's Regional Student Conference of the American Society of Mechanical Engineers held in Boca Raton. This was the largest delegation F.I.T. has ever sent to an ASME student conference. Two papers were presented. "Friction Losses in Corrugated Hose" by K. C. Eisenberg and "Modeling the Longitudinal Biplane" by Richard J. Foch. Both students are seniors who will graduate this June. Eisenberg's presentation won a fifth place award, a commendable performance in a conference that included twenty universities with fully accredited mechanical engineering programs.

Allocations have been received for F.I.T. cadets to attend the Air Assault School at Fort Campbell, KY and the Airborne School at Fort Benning, GA this spring and summer.

LTC Goodchild, CPT Ellenson, CAPT Moeller, MSG Devlin and SSG Hudspeth will be attending advance camp at Fort Bragg, NC this summer.

The Ninth Annual F.I.T. Military Ball was held Friday, May 11 at the Patrick AFB Officer's Club. There were 169 faculty, Army graduate students and R.O.T.C. cadets in attendance.

LTC Goodchild spoke to the Military Order of the World Wars in Vero Beach on Saturday, May 12.

Mrs. Joan LeMosey, of the library reference department, gave a lecture to the freshmen engineering class on the types of engineering reference materials available in the library.

Welcome to Ms. Julia Reynolds who joined the library's circulation staff April 26. Ms. Reynolds succeeds Mrs. Carolyn Drake.

Several members of the library staff attended the annual Florida Library Association conference held at the convention center of the Sheraton-Towers in Orlando. Meetings were held on such topics as collection development, on-line bibliographic searching and plans for Florida libraries resulting from the Governor's Conference on Florida libraries.

Dr. Frank Webbe of the Department of Psychology recently attended the 25th Annual Meeting of the Southeastern Psychological Association in New Orleans. Dr. Webbe presented a paper summarizing research on the interactive effects of drugs and behavior in animals.

Marie-Claire Tippen, a graduate student in the Oceanography Department has been selected to work in NASA's 1979 Federal Summer Intern Program. According to Dr. Dubbelday, Ms. Tippen's sponsor, she will be assisting the review of proposals on oceanographic research.

Dick Enstice spoke at the regular monthly meeting of the American Business Women's Association held at the Melbourne Regional Airport restaurant. Mr. Enstice spoke about programs at the graduate level and other continuing education programs offered at F.I.T.

Pat Long, of the president's office, is resting at home after being in the hospital for several weeks. We are all looking forward to her return to the campus.

Father George Moreau, director of the campus ministry, will be leaving with 30 people for Guatemala, June 11. This eight day educational trip will include visits to many archeological and historic sights including Lake Atitlan, Antigua, Guatemala City and Chichicastenango.

REAL ESTATE SEMINAR OFFERED

Florida Institute of Technology will offer Real Estate Course I, Introduction to Real Estate Principles, Practice and Law, beginning June 12 and ending August 16. The class will meet weekly on Tuesday and Thursday evenings, from 7:15--10:00 p.m., in Room 521 of the Crawford Science Building. This course is the only instructional prerequisite for the salesman's license examination administered by the Florida Real Estate Commission. The fee for the non-credit course is \$100.00.

Contact Denise Riordan, Continuing Education Office, Florida Institute of Technology, 723-3701-extension 109, for registration information.

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became director of product engineering for all spacecraft programs, and finally general manager of operations at Grumman's Calverton facility on Long Island. Mr. Skurla holds memberships in a number of professional societies and civic associations. Among his many awards and achievements are an appointment as a Jimmy Doolittle Fellow in the Air Force Association, 1975's Man of the Year Award from the Association's H. H. Arnold Chapter, and Fellow of the American Institute of Aeronautics and Astronautics.

Mr. Skurla received his Bachelor of Science degree in Aeronautical Engineering from the University of Michigan in 1944.

PROFIT & CASH FLOW MANAGEMENT SEMINAR TO BE HELD

A two day seminar entitled "Profit and Cash Flow Management for Non-Financial Managers" will be held on the Melbourne campus, June 4 and 5 from 9:00 a.m. until 4:00 p.m.

This seminar will, in simple, clear language, explain what cash flow management is, why it can greatly improve a company's profitability and how to organize a cash flow analysis so that a manager can accomplish his profit and growth objectives. Each participant will receive continuing education units and six professional credits per day from the Manufacturing Engineering Institute toward the Society of Manufacturing Engineers recertification program.

Conducting the seminars will be John A. Welsh, D.Sc., founder and director of the Caruth Institute of Owner-Managed Business of Southern Methodist University and Jerry F. White, MBA, MSEE, associate director of the Caruth Institute. Mr. White is also an independent management consultant specializing in new and fast growth businesses.



These pilings are the beginning of a 650 foot L-shaped dock being built on the Indian River. When the dock and marine facilities are completed in the very near future, Jensen Beach marine operations will become a permanent part of the campus as all research and training vessels will be docked here instead of at Fort Pierce.

JUNE CALENDAR OF EVENTS

- 2 F.I.T.S.S.F.F. Cartoon Festival, Gleason Aud., 7:00 P.M. - 11:00 P.M., 50¢.
- 3 S.G.A. movie, "Smokey and the Bandit," Gleason Aud., 7:00 and 9:15 P.M., free.
- 8 Commencement, Jensen Beach, 3:00 P.M., Chapel.
- 9 Commencement, Melbourne, 11:00 A.M., Gymnasium.
- 27 Melbourne and Eau Gallie Kiwanis Clubs, Lecture/Demonstration "Energy for the Future—The Breeder Reactor," Gleason Aud., 7:30 P.M. to 8:30 P.M., free.

ANNUAL SPORTS AWARD BANQUET HELD



Jack Kelly

One hundred ninety-five (195) members of F.I.T.'s athletic teams were honored at the Eleventh Annual Sports Awards Banquet held May 23 at the Student Union Building. Master of Ceremonies was Tom Nugent. The awards were presented to the team members by their respective coaches.

Guest speaker for the evening was former U. S. Olympic champion John B. (Jack) Kelly, Jr. Kelly, one of the world's outstanding athletes from 1944 to 1960, has set innumerable national and international records. In 1947 he received the A.A.U. Sullivan Award for the outstanding amateur athlete in the U. S. Kelly is a member of the Helms Sports Hall of Fame, former president of the A.A.U. and currently is national television chairman of the A.A.U.

ROTC AWARDS CEREMONY

The **F.I.T.** Army ROTC awards ceremony was held Thursday afternoon, May 3, in the Student Union Building.

Approximately 150 cadets and guests were in attendance as 18 awards were presented to 36 cadets. Included this year was the National Sojourners Award presented by LTC Watts, USA (**Ret.**). Other special awards were presented by Commander **McCabe** of American Legion Post #81, Nathan Ranch, representing the Sons of the American Revolution and **CPT** James Vredenburg of the Military Order of the World Wars. Speaking to the cadets about his experiences during the Vietnam war was Air Force Major **Mel** Pollack.



Col. Goodchild awarding medals to [back to front] Cadets **Jack Black**, **Steve Moore**, **Joe Carlson** and **Jim Choss**.

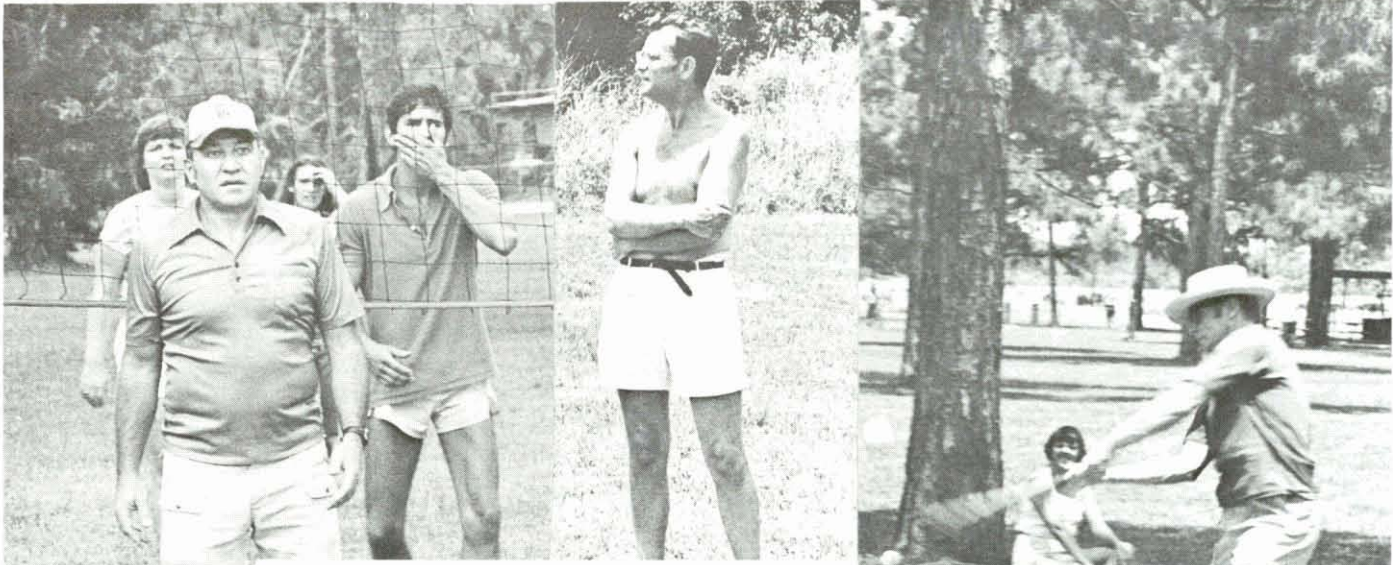


SAFE DIVING FOR WOMEN DISCUSSED

The subject of a seminar held May 24 was safer and more enjoyable diving for the growing number of women participating in the sport. Current research on the physiological effects diving has on women was discussed. The seminar was sponsored by F.I.T. and the National Association for Underwater Instructors.

Guest speaker for the evening was Dr. Susan A. Bangasser. Dr. Bangasser received her Ph. D. from the University of Illinois Medical Center. She became a NAUI instructor in 1947 and is currently serving as co-branch manager of NAUI, Pacific Branch. Dr. Bangasser is co-author of **Women Underwater**, a new book which should be available this summer, and has presented many talks on the subject at national conventions.

Many subjects were discussed, including women's susceptibility to decompression sickness, the effects of birth-control methods on divers, special problems of menopausal divers and the safety of diving during pregnancy.



*Faculty - Staff
Picnic
May 5, 1979*

