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SCSU FLIGHT LINES

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AVIATION PROGRAM

A new course, "Contemporary Issues in Aviation," TECH 419 has been developed for inclusion in the Management emphasis of the Aviation degree. Either an internship or a capstone course such as this one is required under Council on Aviation Accreditation (CAA) guidelines for all aviation management programs.

Two courses, "727 Transition" and "Regional Airlines," were offered for the first time in Spring, 1994, and have been approved by the University for acceptance as regular SCSU courses. Both courses were offered for the second time in Spring, 1995, with much student interest and enthusiasm. The 727 Transition course offers students an optional ten hours of time in a 727 simulator at Northwest Aerospace Training Corporation (NATCO) in Eagan, MN. Ken Raiber teaches the 727 Transition course and Matt Hayes teaches the Regional Airlines course.

Air Transportation (TECH 207) has been submitted to the University curriculum process for approval as a General Education course. If approved, it will join Private Pilot Ground School (TECH 101) and Women in Aviation (TECH 105) as the Aviation program's General Education courses. Women in Aviation also is a Multicultural-multigender course.

FACULTY NOTES

"Teaching a Women in Aviation Class" was the subject of Dr. Hope Thornberg's presentation at the 6th Annual International Women in Aviation conference March 16-18 in St. Louis, MO. Thornberg and Patrick Mattson developed and team teach this course focusing on the accomplishments and contributions of women to the career field of aviation. The course is part of the SCSU Aviation program's commitment to encouraging and supporting diversity.

"The Effect of the Course, 'Women in Aviation,' on College Student Attitudes Regarding Women in the Career Field of Aviation," was published in the Winter 1995 issue of The Journal of Aviation/Aerospace Education and Research. Authors are Hope Thornberg and Patrick Mattson, Aviation faculty, and Rich Sundheim, Statistics. The JAAER is a scholarly publication for educators, researchers and professionals in the aviation and aerospace industry.

Patrick Mattson has been notified that he is one of 150 faculty members from across the nation selected to participate in the U. S. Air Force Office of Scientific

Research (AFOSR) summer research program. Every year, since its inception in 1978, the program has given faculty members and graduate students the opportunity to conduct research jointly with Air Force scientists at one of six Air Force laboratories or one of five Air Logistics Centers. Areas of research include chemistry, physics, engineering to atmospheric and environmental science, biomedicine, human resource factors, and training and educational systems development. Pat will assist in the research of the feasibility of "Using Virtual Reality to Train Air Traffic Controllers" and the resulting efforts will be used by the U. S. Air Force and the Federal Aviation Administration. He will be assigned to the Human Resources/Technical Training Laboratory (AL/HRT) at Brooks AFB in San Antonio, TX.

STUDENTS HONORS & NEWS

Brenda Johnson was selected as the candidate from Region V of the National Intercollegiate Flying Association (NIFA) for the 1995 Harold S. Wood Award for Excellence sponsored by the General Aviation Manufacturers Association (GAMA). Region V encompasses North Dakota, South Dakota, Iowa, Wisconsin and Minnesota. Johnson recently was re-elected for a second term as President of the SCSU Aero Club. She is only the second woman to hold the office in the Aero Club's almost 50 year history.

Jennifer Slack is one of ten aviation students nationwide to receive a \$500 scholarship from the National Business Aircraft Association (NBAA) in 1995.

Fareed Khalil Guyot and Brad Roberts were among 34 SCSU students who received the 1995 Excellence in Leadership Award April 30. "These leaders of today and tomorrow" were cited for their "academic excellence and their commitment to making the world a better place." On April 24 Guyot was given the honor of covering President Clinton's visit to Minneapolis for KVSC-FM, campus radio station.

Cynthia Bernard and Tonya Wruck participated in the University Aviation Association Seminar on Establishing Aviation Policy held in Washington, DC, in January, 1995. Included were briefings and discussions with government organizations such as DOT, FAA and NTSB, and visits with industry organizations. Participants visited the FAA's Central Flow Control and the accident investigation labs of the NTSB and ALPA.

Ann Mommsen and Anne Oliver, winners of the Kimberly Ann Ritsche scholarship in 1994, have been awarded the scholarship for a second year. Brenda Johnson received the \$600 Ritsche scholarship for the first time in 1995 for the 1995-96 academic year.

Scott Taylor received the Robert Stieler Memorial award presented by the SCSU Aero Club. This award is given each year to a student who has been very active in the Club and who also has demonstrated excellent progress in flight training.

Brenda Johnson was named the 1994-95 Outstanding Member by the student chapter of AAEE and Kyle Scapple was named by AHP, co-ed Aviation fraternity.

CONGRATULATIONS TO ALL OF THESE STUDENTS!

INTERNSHIPS

Brendan Larson and William Hunchis are completing Spring quarter internships at Express Airlines I, Inc., MSP. Steve Unzen and Ryan Lindman will be interning at Express during the summer terms.

Brad Bachand has been selected by Northwest Airlines for a six month internship with Flight Training Development, Flight Operation at Northwest Aerospace Training Facility (NATCO), Eagan. NWA offers competitive internships to aviation students from colleges and universities throughout the country.

Brenda Johnson, Sjohnna Knack, Chad Leqve and Yukari Ikeda were among 10 students selected by the Metropolitan Airports Commission (MAC) for summer internships in the Twin Cities.

AVIATION ADVISORY BOARD

The Aviation Advisory Board held its Spring meeting April 13, 1995, at Regent Aviation, St. Paul Downtown Airport. Christine Jones, NWA line pilot, and Jewel Puhl, FAA ARTCC, are new members of the Advisory Board. Alden Lange, Green Tree Financial Services, was re-elected Chairperson and Ray Rought, State Aviation Director, was elected Vice-Chair. Airline members shared optimism regarding the state of the aviation industry with pilot hires increasing. Mesaba Airlines has added Ottawa, Canada, and Ely, MN, to its destinations. Mesaba and NWA agreed that ground personnel including dispatchers, mechanics and management people comprise a stable group with little hiring occurring. FAA members indicated that air traffic controllers will not be hired for another two years. FAA occasionally hires other types of personnel but these people have significant aviation experience. The Aviation Advisory Board will meet Thursday, October 19, 1995, on the SCSU campus.

1995 NATIONAL NIFA SAFECON

The SCSU Flying Saints flight team competed at the National Intercollegiate Flying Association SAFECON hosted by Delta State University at Greenville, MS, in April. Twenty-three teams representing colleges and universities throughout the country competed in flight and ground events. Flying Saints team members placed in the top 20 of 115 entries in most events with Troy Lesmeister placing 7th in the Pre-Flight inspection event. The SCSU team placed 10th in overall ranking for the SAFECON. Chad Emery, SCSU Aviation graduate and Wright Aero CFI, coaches the team. For the second consecutive year, Brenda Johnson placed 2nd in the Women's Achievement Award. This award is given by the Ninety Nines, the international organization of women pilots, and is dependent upon an application and interview.

SCSU AVIATION WEEK

The first SCSU Aviation Week began Wednesday, May 3, 1995, when the 133rd Guard Unit flew a C-130 into St. Cloud Airport. The Aircraft Commander was Captain Joe Skolte, SCSU Aviation graduate. Co-Pilot was SCSU grad Captain Dana Wilson and Flight Engineer was Sgt. Brad Bachand, SCSU Aviation (Elective Studies) student. Other crew members were Captain Greg Johnson, Navigator, and Sgt. Tim McCann, Loadmaster. The aircraft was on static display for almost three hours, allowing students and others to visit it. Following take off and a fly by, the C-130 departed for its home base in the Twin Cities.

Gregory A. Feith, Senior Air Safety Investigator, National Transportation Safety Board, presented, "The Anatomy of an Accident," at the Spring Safety Seminar on campus Thursday evening, May 4. This second event of Aviation Week was attended by over 100 students and other interested individuals. Mr. Feith addressed Ken Raiber's CFI Ground School class Friday morning.

The three Aviation student organizations hosted the 1995 Spring Banquet Friday evening, May 5, at the St. Cloud Holiday Inn, with over 140 people in attendance. Aviation safety was again the subject of Greg Feith's slide presentation with emphasis on the investigative efforts utilized by NTSB in several recent airline accidents. Mr. Feith, a graduate of Embry Riddle Aeronautical University, opened SCSU Aviation students to yet another aviation career opportunity--that of accident investigator for the NTSB. He emphasized that NTSB is an independent federal agency and NOT a branch of the Federal Aviation Administration. The 1995 Spring Banquet committee consisted of John Farendorf, American Association of Airport Executives SCSU Student Chapter; Eric Whyte, Aero Club; and Jessica Makinen, Alpha Eta Rho.

The Saturday, May 6, golf outing at Angushire Golf Course, Sauk Rapids, concluded the 1995 SCSU Aviation Week.

The first SCSU Aviation Week was an outstanding success! Over 75 percent of SCSU Aviation students participated in one or more of the week's events. Alumni and the public were encouraged to join students, faculty and staff in celebrating Aviation at St. Cloud! The year 1999 will mark the 60th anniversary of aviation activity at SCSU. That was the year the federal Civilian Pilot Training program began on the campus and old airport. Alumni--students--friends of SCSU and aviation: let the Aviation program faculty know how this anniversary should be celebrated! 612/255-2107.

SIMULATOR UPDATE

The initial bid for a multiengine turboprop flight training device (simulator) was rejected because the bid was over budget. Specifications were revised and the project was re-bid with a closing date of May 8, 1995. The target date for installation and acceptance of the device has been moved to December 1, 1995. The FTD will be modeled on a Beech 1900C commuter aircraft and will be used for an introduction to turboprop operations and systems as well as in the Line Oriented Flight Training program (LOFT--TECH 214). The addition of this device will enhance the flight curriculum and prepare graduates for the transition to commuter airline and corporate pilot positions.

AAAE NATIONAL ACADEMIC CONFERENCE

Ninety five university aviation students from across the nation attended the Second Annual National Academic Conference hosted by the SCSU Student Chapter of the American Association of Airport Executives at the Minneapolis Sheraton Airport Inn April 5-8, 1995. Conference co-chairs (SCSU students) Brenda Johnson and Sjohnna Knack pronounced the conference a huge success! Speakers included: William Shea, former FAA Director of Airports; Dr. Peggy Baty, Parks College; Walter Coleman, Regional Airline Association President; Charles Barclay, AAAE President; Jeff Hamiel, MAC Executive Director; Kelly Gerads (SCSU '90), MAC Asst. Manager-Reliever Airports; Steve Leqve, Rochester, MN Airport Manager; Dan Handlin, Director of Special Projects, NWA; Bob Billingsly FAA; Maureen Woods, FAA Air Traffic Control Great Lakes Region; Curt Vainio (SCSU '91) Denver Stapleton Airport and The Honorable James Oberstar, 8th Congressional District Representative.

RECENT GRADUATES

Listed in the next column are some of the recent SCSU Aviation graduates and the area they are employed. If you know of someone whose name should be here let us know. Only the last two years are listed due to space

constraints. Previous issues of the *Flight Lines* list more graduates.

- 1995: Kevin Cencer, CFI Wright Areo
Chad Field, Operations, AirVantage
Eiji Nakano has returned to Japan
Kevin O'Brien, Dispatch School
Mani Radmanesh, Canadian Flight, Inc
Kenneth Elkin, Operations, United Express
Kerry Landais, Dispatch, Express I
- 1994: Toni Anderson, Dispatch, United Express
Earl Burress, USAF Missile Operations
Dan DeNell, Pilot, Mesaba Airlines
Jeff Klingfus, CFI Wright Aero
Tony Loftus, Pilot, Mesaba Airlines
Mark Lutgen, Dispatch, TWA Express
Chris Ruhberg, Dispatch, Express I
Doug Sanders, Dispatch, TWA Express
Vic Thiedek, Computer Network Manager
Al Woehrle, Pilot, Mesaba Airlines
Bret Zable, Dispatch, American Eagle

INFORMATION IS AVAILABLE

You can reach the SCSU Aviation faculty by:

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Flight Lines is published twice each year as an information source for SCSU aviation students, alumni and friends of the program. This newsletter is written by Dr. Hope Thornberg and edited & designed by Mr. Patrick Mattson.

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