

# SCSU FLIGHTLINES

Vol. 4 #1 St. Cloud State University Aviation Program HH216 720 S 4th Ave St. Cloud, MN 56301-4498 (612) 255-2107 Fall/Winter 1995-96

## AVIATION PROGRAM UPDATE

Aviation program enrollment for 1995-96 is approximately 300 students. This figure includes Aviation majors, pre-majors and minors but does not include students enrolled in Elective Studies with the majority of their course work in Aviation. Approximately 115 new freshmen and transfer students indicated Aviation as their intended major in Fall, 1995. The economic recovery of the aviation industry and its return to profitability are expected to have a positive effect on student interest in aviation careers with associated increase in number of Aviation students at SCSU. There were 55 Aviation program graduates in 1994-95 with 65 anticipated during 1995-96. Placement of graduates in the aviation industry remains high with over 80 percent of SCSU Aviation graduates employed in the industry. Inquiries and applications from high school students are expected to increase as students, their parents and school counselors become aware of the opportunities in the growing aviation industry and the accreditation of the SCSU Aviation program by the Council on Aviation Accreditation. The program is the only accredited Aviation Bachelor's degree program in Minnesota.

## SIMULATOR UPDATE

The ATC 920D flight simulator is scheduled for delivery by December 31, 1995. The simulator is modeled after the Beech 1900C commuter airliner and is equipped with dual flight controls, instruments and visuals which will enhance the Line Oriented Flight Training (LOFT) portion of the flight curriculum. A two credit B1900C systems class will be offered during Winter 1996 and B1900C operations will be included in the TECH 214 (LOFT) class. This equipment will join the existing two flight simulators and is an exciting addition to the SCSU Aviation program.

## NEW COURSES

Three new Aviation courses have been approved by the university. Regional Airline/Aircraft Operations-TECH 405 and B727 Turbojet Operations-TECH 417 were first taught during Spring 1994 as seminar classes with enthusiastic response from students. Advanced elective courses such as these help students transition from college to airline operations. TECH 417 will be offered during Spring 1996 and TECH 405 during Spring 1997.

Contemporary Issues in Aviation-TECH 419 has been approved and will be offered for the first time during

Spring 1996. This capstone course will give students an opportunity to merge theory and concepts into a comprehensive research project. Aviation Management students will be required to either enroll in this course or complete an aviation industry internship.

Air Transportation-TECH 207 has received university designation as a General Education course. Three GE courses are offered by the Aviation program, including the MGM course, Women in Aviation-TECH 105. The third course is Aeronautics I-TECH 101.

## ADVISORY BOARD NEWS

The Aviation Program Advisory Board met October 19, 1995, in Atwood Center on the SCSU campus. The meeting was chaired by Board Vice Chair Ray Rought, MNDOT Director of Aeronautics, in the absence of Chair Al Lange. The Board welcomed new member Brad Snell, Chief Pilot for Schwan's in Marshall, MN. New faculty member Greg Schwab, Teaching Assistant Vicki Angell, adjunct faculty members Steve Anderson, Reg Watts and Dave Weeres and ex officio student members Brenda Johnson, Sjohnna Knack and Scot Wilcox were introduced. Industry members were optimistic about the future of the aviation industry. The increase in pilot hiring by both regional and major airlines is depleting the flight school instructor ranks. Rought reported that the air cargo segment of the industry is expanding with additional carriers based in Minnesota. Jeff Hamiel, Executive Director, Metropolitan Airports Commission, described planned MSP runway, facilities and navigation aid improvements. Please contact an Aviation faculty member for a copy of the minutes of this meeting.

## GRADUATE PLACEMENT SURVEY

The SCSU Aviation program Graduate Placement Survey will be sent to 1994-95 graduates in January, 1996. Please complete the survey and return it as quickly as possible. Please notify the Aviation program faculty with name, address and/or employment change for yourself or another graduate. This year's survey will be sent only to last year's grads.

## NATCO B747 SIMULATOR ORIENTATION

Nine SCSU Aviation students enrolled in the B747-200 Orientation at NATCO in December. Captain Dale Palmer, NWA-retired, was the instructor for the four hour class which includes an expanded briefing followed by observation and "hands-on" experience in the simulator. Each student logs two hours of flying

time, one hour in the left seat and one hour in the right.

### **INTERNSHIP NEWS**

Ryan Lindman completed an internship at Express Airlines I, Inc. during Summer 1995. Lindman was able to apply knowledge and skills from both his Aviation and Finance majors in duties associated with the management as well as the flight side of the airline. Jennifer Robicheau and Matt Timpany interned during Fall 1995, and Mike Fritsche and Anne Oliver will intern at Express during Winter 1996. Express Airlines accepts interns each quarter and students work in either the management or flight areas depending upon their career interests. Margaret Nelson coordinates the work of SCSU interns at Express.

Brad Bachand completed a six month internship and Rich Svardahl a four month internship in Northwest Airlines Flight Operations. Bachand worked in the Safety area and Svardahl in Recurrent Training and B757 Initial Crew Training. Brett Matzke and Stephan O'Link will intern in NWA Flight Ops from January until the end of May, 1996.

The Metropolitan Airports Commission (MSP) will accept one or two SCSU Aviation interns each quarter with possibly more during the summer. Jeff Hamiel, MAC Executive Director, made the additional opportunities available to accommodate those Aviation Management seniors who are required in compliance with CAA standards to either intern or take the Aviation capstone course. Discussions are underway to establish internships at the Rochester, MN (RST) International Airport and Mesaba Airlines, station operations at St. Cloud, MN (STC) Regional Airport.

Dan Krieger completed an internship during Fall, 1995, with the National Weather Service facility near St. Cloud Airport. Krieger was the first SCSU Aviation student to intern at the facility.

Steven Anderson, Manager of Flight Instruction at Wright Aero, supervises CFI internships for one or more SCSU Aviation students each quarter. Applicants must have the CFI certificate. Each intern is assigned one Private Pilot student.

Faculty are working with other airlines and aviation companies to establish additional internship opportunities for SCSU Aviation students. Students should contact Mr. Patrick Mattson regarding operations and management-related internships and Dr. Hope Thornberg for flight-related internships. The competitive MAC Summer Internship applications will be available in February 1996, from Mr. Mattson.

### **REGION V NIFA SAFECON**

The St. Cloud State University Flying Saints Flight Team competed in the Region V National Intercollegiate

Flying Association Safety and Flight Evaluation Conference hosted by the University of North Dakota October 5-7. Although the weather was below VFR minimums on Thursday, October 4, when practice was scheduled, later improvements permitted all events to take place. The VFR Navigation event was flown for the first time since the 1992 Region V SAFECON.

The Flying Saints placed second overall and also second in both flying and ground events. The University of North Dakota placed first and Dubuque University third.

Team members placing in the top twelve of the flying events were: Message Drop--Vicki Angell-12th, Mike Fritsche-6th, Jon Lasneski-9th; Short-field Landings--Brenda Johnson-11th, Troy Lesmeister-9th, Scott Taylor-3rd; Power-off Landings--Mike Fritsche-9th, Troy Lesmeister-5th, David Smith-8th, Scott Taylor-10th; Navigation--David Smith-3rd, Scott Taylor-4th.

Team members placing in the top twelve of the ground events were: SCAN--Derek Heidelberg-6th, Bran Johannes-7th, Don Jordan-11th, David Smith-8th; Computer Accuracy--David Smith-3rd, Scott Taylor-8th; Preflight--Troy Lesmeister-4th, Scott Taylor-8th; Aircraft Recognition--Derek Heidelberg-11th, David Smith-6th; Simulator--Don Jordan-10th, Troy Lesmeister-3rd.

The Flying Saints will compete in the national SAFECON at Embry Riddle Aeronautical University, Daytona Beach, FL, May 1-4, 1996. St. Cloud State University will host the 1996 NIFA Region V SAFECON October 10-12.

### **STUDENT HONORS & NEWS**

SCSU Aviation students captured three of the five 1995 National Air Transportation Foundation Pioneers of Flight scholarships. Brenda Johnson, Rich Svardahl and Matt Timpany each received \$2,500 awards for the 1995-96 academic year. The Pioneer of Flight scholarship is renewable for an additional year.

Vicki Angell and Jennifer Slack were two of ten students nationwide to receive \$500 scholarships from the National Business Aircraft Association (NBAA) in 1995.

Vicki Angell, Professional Flight senior, was appointed 1995-96 Aviation Teaching Assistant. Derek Turner, Jennifer Slack and Justin Stahnke are student workers this academic year.

The Aviation Ambassadors, the newest Aviation student organization, was formed in Fall, 1995, to spread the word about the SCSU Aviation program. Five students comprise the executive board: Kerry Leaders, Bret Matzke, Matt Cole, Troy Lesmeister, and Mike Fritsche. The Ambassadors plan to visit high schools and talk

with students who are interested in aviation careers. They also will periodically staff a booth in SCSU's Atwood Student Center lobby to answer questions about aviation. Plans include setting up and staffing the Aviation program booth at various aviation-related meetings in Minnesota and Wisconsin during the year. The SCSU Aviation program has long been "one of Minnesota's best kept secrets." The Ambassadors want to change that!

### FACULTY NOTES

Mr. Greg Schwab joined the Aviation faculty in Fall, 1995, in a one year, fixed-term position. During a twenty year U.S. Air Force career, he spent eight years as a radar and control tower air traffic controller and facility manager, accumulated 3,000 flight hours as a mission crewmember on the E-3 AWACS aircraft and for several years was an airfield manager. Prior to coming to SCSU, Schwab was Airport Manager of Aberdeen, SD Regional Airport. He holds bachelors and masters degrees in Aviation Management and is a private pilot and advanced ground instructor. Schwab recently earned his private pilot certificate.

Mr. Patrick Mattson, Mr. Ken Raiber and Dr. Hope Thornberg attended the annual professional meeting of the University Aviation Association in Las Vegas, NV, September 28-30, 1995. Raiber and Mattson also attended the National Business Aircraft Association meeting held in Las Vegas earlier that week.

Mr. Ken Raiber attended the annual meeting of educators representing aviation-related two and four year programs offered by Minnesota's colleges and universities. The conference was sponsored by Minnesota Department of Transportation Division of Aeronautics and hosted by St. Paul Technical College, St. Paul, MN, November 9, 1995.

Mr. Patrick Mattson has been selected to attend the UAA 1996 Issues in Aviation Seminar as a faculty facilitator, January 6-12, 1996 in Washington, DC. This year's topic will be "Transforming the FAA".

### SCSU AVIATION WEEK

The second annual SCSU Aviation Week will be May 6-11, 1996. The four Aviation student organizations--AHP, AAAE, Aviation Ambassadors, and the SCSU Aero Club--are planning a full schedule of activities from career planning seminars to fly-bys. The 1996 Spring Banquet on Friday, May 10 followed by a golf outing on Saturday, May 11 will end the week.

### RECENT GRADUATES

Listed below are some of the recent SCSU Aviation graduates and where 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 *FlightLines* list more graduates.

- 1995 Doug Beck, CFI, Parks College, Cahokia, IL  
 Craig Breitzkreutz, CFI, Anoka County Airport  
 Eric Cederstrand, Management, AirVantage  
 Dan DeNell, Pilot, Mesaba Airlines  
 Faye Ide, CFI, Wright Aero, Maple Lake  
 Rick Johnson, Operations, Sun Country Airlines  
 Nicolle Keller, Aviation Insurance, St. Louis, MO  
 Kristi Kraemer, WheelAir, Anoka  
 Joseph Krolak, Aviation Finance, Minneapolis  
 Gerald Lebakken, Dispatch, TWA Express  
 Ryan Monson, CFI, Wright Aero, STC  
 Eiji Nakano, CFI, California  
 Dan Oehlke, Pilot, Mesaba Airlines  
 William Purcell, CFI, Wright Aero, STC  
 Michael Saletel, Dispatch American Eagle, DFW  
 Marnie Schmidt, Pilot, Mesaba Airlines  
 Trevor Thomas, Operations, Mesaba Airlines
- 1994 Steve Haglund, Dispatch, Sun Country Airlines  
 Char Johnson, CFI, Flyteline, Lakeville, MN  
 Tom Macazek, Manager, Mesaba, Lafayette, IN  
 Bruce Miller, Pilot, Mesaba Airlines

### INFORMATION IS AVAILABLE

You can reach the SCSU Aviation faculty by:  
 Internet: WWW - <http://www.stcloud.msus.edu/aviation>  
 Email: [aviation@tigger.stcloud.msus.edu](mailto:aviation@tigger.stcloud.msus.edu)  
 Phone: 612-255-2107 FAX: 612-654-5122  
 SCSU Admissions Office: 800-369-4260

*Flight Lines is published twice each year as an information source for SCSU aviation students, alumni and friends of the program. You can find this publication at <http://www.stcloud.msus.edu/aviation> (our WWW site) This newsletter is written by Dr. Hope Thornberg and*

SCSU Aviation Program  
HH 216  
720 S. 4th Ave.  
St. Cloud, MN 56301-4498

SCSU is an equal opportunity educator and employer.