

Southeast SATSLab Consortium - February 2001 News

Embry-Riddle Aeronautical University - Global Navigation and Surveillance Systems - Jakari Associates - Florida Aviation Trades Association
Safire Aircraft Company - Melbourne Airport Authority - Air-Sur - Flightline Group - Florida Aviation & Aerospace Alliance - Proton Aerospace
VB Aviation - Air Traffic Consulting Service - Rannoch Corporation - Lakeland Linder Regional Airport - Daytona Beach International Airport
BFGoodrich Aerospace - Gainesville-Alachua County Regional Airport Authority - Harris Corporation - Sebring Airport Authority
National Safe Skies Alliance - SkyShare International - Individual Members: George McKnight. Student Members: Sung-Lieh Lin.



Week of February 19 and February 26

Flying will be as easy as driving a car - William Peakin, Sunday February 25, 2001, The Observer.
http://www.observer.co.uk/uk_news/story/0,6903,442773,00.html

AOPA ePilot, Volume 3, Issue 8, February 23, 2001 **SPECIAL REPORT: SAFIRE MEETS THE PRESS** - In an effort to update readers on the competition to build a jet for the common pilot, the editors of "AOPA Pilot" engaged Safire Aircraft Company founder Michael Margaritoff in a question-and-answer interview. This follows a previous interview with Safire's competitor, Eclipse Aviation. From its conical nose to its cruciform tail, Safire wants to get people to their destination and allow them to arrive

in style. See for yourself on AOPA Online how the company plans to offer jet performance for about the price of a new piston twin (http://www.aopa.org/members/files/pilot/2001/safire_qna.html).

SATS Education and Awareness Activities on the Calendar

February 28 - GAMA, Washington D.C. - Jim Bodine, Steve Hampton, and Bob Peak will present the Southeast SATSLab Consortium to the General Aviation Manufacturers Association in Washington D.C. GAMA requested the presentation to foster communications between and among manufacturers and other potential research partners in response to NASA's impending request for SATS joint sponsored research.

March 1 - St. Lucie Chamber of Commerce, Ft. Pierce, FL - Ken Stackpoole and DeWitt Becket of Micco Aircraft will address the St. Lucie County Chamber of Commerce Governmental Affairs Committee on the objectives and plans of the Southeast SATSLab Consortium.

March 8 - Daytona Beach Chapter of IEEE - Ken Stackpoole will present SATS to the Daytona Beach Chapter of the Institute of Electrical and Electronic Engineers at the Halifax Yacht Club in Daytona Beach.

March 13 - Sebring Chamber of Commerce - Mike Willingham of Sebring Airport will present SATS and the Southeast SATSLab Consortium to the Sebring Chamber of Commerce and other local officials, to include legislators, council persons, and the local economic development office. The BFGoodrich SmartDeck SATS cockpit simulator and the Harris Corp. ACTT (Airport Technology Communications Trailer) will be available for demonstrations of the new aircraft and airport technologies. Harold Brackett will represent Harris at the meeting, David Rockwell will be on hand to demonstrate the cockpit simulator, and Ken Stackpoole will represent the consortium and ERAU.

March 14 - GMAA, Miami, FL - Ken Stackpoole will brief the Greater Miami Aviation Association on the objectives and plans of the Southeast SATSLab Consortium.

April 8-14 - Sun-N-Fun, Lakeland, FL - The Southeast SATSLab Consortium will participate with **FAA Southern Region** in their exhibit at Sun-n-Fun.

Enterprise Florida is Producing Statewide Aerospace Directory -- Enterprise Florida is updating its statewide directory of Florida aviation and aerospace companies and organizations. To add or update your organization at no cost, visit www.x-cd.com/faaa and follow the simple instructions. The completed directory will be available in print, CD-ROM, and online. Enterprise Florida will distribute the directory at all major domestic and international aerospace trade shows and conferences. Advertising opportunities are available. Call Ken Cooksey at 850-922-8832 for information. Ken is also taking

reservations for space within the Florida Pavilion for the 44th Paris Air Show.

AOPA ePilot, Volume 3, Issue 9, March 2, 2001 - **FRENCH COMPANY (SMA) TO PRODUCE DIESEL ENGINE** - A French company has received Design Organization Approval in Europe for its SR 305 230-horsepower diesel engine that offers improved performance, longer TBO, and the ability to run on jet fuel. SMA, Societe de Motorisation Aeronautiques, created four years ago by Aerospatiale and Renault for the development and sales of a range of piston aircraft engines, plans to go into production soon. All of the testing has been completed. Following an administrative process, the company expects to have certification under the Joint Aviation Authorities (JAA) by the end of the month, said a company official. Through a reciprocal agreement, SMA also plans to receive FAA certification in the United States later this year. A price has not been announced. For more, see the Web site (<http://www.smaengines.com/>).

FedEx will start delivery of the A380 in 2008. The exact specifications are as follows: Wing Span: 261 feet, Length: 239 feet, Tail height: 79 feet, Maximum takeoff weight: 1, 235,000, Range: 8, 150 Nautical Miles. Submitted by Tony Digirolamo, FedEx.

Old News in case you missed it

(all old news is posted to the web site: <http://sats.erau.edu/news>)

Week of February 5 and February 12, 2001

The General Membership and the Board of Directors had successful meetings in Tallahassee last week. We thank Flightline Group (Mac Langston, Bob Van Riper, and John Hunt) for their wonderful hospitality for the reception Wednesday evening and the meetings on Thursday. Minutes of the meeting will soon be distributed to members and posted to the SE SATSLab web site.

We welcome **four new members** to the Consortium - **National Safe Skies Alliance** represented by Tom Jensen, **SkyShare International** represented by John Hunt and its President Samuel Miller. Individual member **George McKnight** who represents FAA Air Traffic, Southern Region and Student Member **Sung-Lieh Lin** who is a graduate student in Business Administration at ERAU.

Steve Dye, Air Traffic controller in Orlando, attended the meeting in Tallahassee and has been assigned by FAA Air Traffic, Southern Region, to represent them in the consortium along with Justo Casablanca.

Six members were elected to the SE SATSLab Board of Directors at the February 8 General Meeting of the Consortium - Air-Sur, Air Traffic Consulting, BFGoodrich Avionics, Harris Corporation, National Safe Skies Alliance, and Sebring Airport Authority. We welcome their leadership as we participate with NASA to bring improved access and mobility to all regions and citizens of our State and the Southeast.

Planning is in process for SE SATSLab participation in the following events: **March 13:** Sebring

Airport Authority briefing to local authorities and legislators, chamber of commerce, and local industry and civic groups. **April 8-13:** Participation with FAA Southern Region in their display at Sun-n-Fun. The BFGoodrich "smart deck" cockpit simulator and Harris' airport technology trailer will once again be on display. Both provide tremendous hands on demonstrations of the new SATS aircraft and airport technologies.

From MIT's **March 2001 Technology Review Magazine**, check out the article: "**Flying Made Easy**" by **David Freedman** at this web site: <http://www.technologyreview.com/magazine/mar01/freedman.asp>. Thanks to Peter Morton, Boeing VP, Retired, and Dr. John Wise, ERAU Professor of Human Factors, for sending this link.

Week of January 29, 2001

We welcome two new members to the Consortium, **Harris Corporation** and **Sebring Airport Authority**. Harold Brackett is the prime contact for Harris. Harris has been working under the NASA AGATE project and has developed an airport communications technology trailer which contains much of the electronic infrastructure necessary to convert any airport to a high technology SATS capable airport. Harris will work alongside our other partners on the Airport Airside Working Group. Mike Willingham is the prime contact for Sebring Airport, he has been very active with our Consortium efforts over the past year. He is also a member of the Florida Airport Managers Association (FAMA) General Aviation Committee.

From Aviation Week and Space Technology, Jan. 22, 2001 - **ADAM Aircraft Industries** has set an introductory price of \$695,000 for the first 20 production units of its centerline-thrust, twin-engine Adam M-309 business aircraft, which includes electronic flight displays and avionics. The all-composite, six-seat airplane is projected to have a range of 1,500 naut. mi., a useful load of 2,300 lbs. and a maximum speed of 250kt. at 20,000 ft. Two Teledyne Continental TSIO-550 piston engines power the M-309. FAA certification and initial customer deliveries are tentatively scheduled for 2003, according to president John C. Knudsen.

Week of January 22, 2001

We **welcome Gainesville-Alachua County Airport Authority as our newest member** of the Consortium. Pat Bainter, a member of the Airport Authority will be the primary contact. For others wishing to join our Program Plan to bring advanced, affordable, convenient doorstep-to-destination transportation coverage to all regions of the state and the southeast, the Invitation to Join and Application can be found on the SE SATSLab Web site at <http://sats.erau.edu>.

Final arrangements for the **February 8 meeting** have been made. The meeting will start at 8:30am in the McDonnell Douglas Conference Room in the Main Airline Terminal at Tallahassee Regional Airport.

The agenda includes: Introductions of Directors and Guests, Report of Activities since the October 4 Board Meeting, Update on NASA SATS Program Plan - David Hahne, Update on SE SATSLab Program Plan – Bob Peak, Presentation of Draft Airport Selection Plan – Seth Young, Election to fill Open Board of Director Slots, Opportunity for Member/Guest Participation & Discussion, Lunch Hosted by Flightline Group, Inc. The Board Meeting will start immediately after lunch and includes the following: Approval of the Minutes of the October Meeting, Treasurers Report, Discussion of Program Plan, Review and Approval of Airport Selection Plan, Report on Funding and Legislative Committee Efforts, Report on Marketing and Membership Committee Efforts, Discussion of Proprietary Rights and Internal Competition Issues, Board of Directors Liability Insurance, and New Business. We expect to adjourn by 3:30pm. The reception the night of February 7 will start at 5:00pm and will be held at Flightline Group Inc. general aviation terminal on the airport.

The Consortium will have an opportunity to **brief the Florida Airport Managers Association (FAMA)** at their semi-annual meeting on February 7 in Tallahassee. We will have 30 minutes on the agenda and will update the Association on progress since our last presentation to the group at their Annual Meeting in St. Augustine in 1999. Five airports have joined the Consortium to date: Sebring, Melbourne, Lakeland, Daytona Beach, and Gainesville. We expect to select airports from all economic regions of the State for participation in the project demonstrations.