

# Aviation Exploring Post 107 **FLIGHT LOG**

**Aerospace Career And Personal Development**

**Somerset Air Service, Inc. SMQ**

**Dated: May 24, 2005**



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**Aviation Exploring is "Learning for Life sponsored by the:**  
**Somerset Air Service, Inc.**  
**Somerset Airport @ George Walker Field – SMQ**  
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**"A Field of Dreams"**  
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Aviation Exploring Post 107 has taken off and is on an exciting journey in aerospace. Our journey is documented in our **AEP107 FLIGHT LOGS**. Our experiences, activities, member information are recorded and published to our membership, alumni, recruits, partners and friends of AEP107, generally on a weekly basis. The AEP107 Flight Logs are also posted on [www.aep107.org](http://www.aep107.org). Please send all FLIGHT LOG information / updates to: [chairman@aep107.org](mailto:chairman@aep107.org)

## UP & COMING ACTIVITIES [Return To Contents](#)

### MAY 2005

WED	25	7:30 PM	<b>Bedminster, Board of Adjustment Meeting</b> Re: Allowing helicopter operations at the Somerset Airport. Please support your airport and take a civics lesson.	Somerset Air Service	1 Miller Lane Bedminster, NJ
THU	26	7 PM	<b>Aerospace Presentation: 7:30 PM</b> Keith Sproul, Hot Air Balloonist & Instructor <a href="http://www.skychariot.com">http://www.skychariot.com</a>	Ian Ricks	SMQ
SAT	28	Leave 8 AM	<b>Willow Gove Airshow</b> Willow Grove, PA	Allan Macdonald	Willow Grove, PA

### JUNE 2005

THU	2	7 PM	<b>Business Meeting: 7:30 PM</b> ❖ AEP107 Officer Elections ❖ <b>Balance Due – AirVenture 2005</b>	James Alaggio	SMQ
SAT	4	9 AM	<b>AEP107 Aircraft Wash</b> SMQ – Maintenance Hanger	Ian Rick	SMQ
SUN	5	7 AM	<b>Corsairs Over Connecticut Airshow</b>	Allan Macdonald	Igor Sikorsky Memorial Airport Stratford, CT
THU	9	7 PM	<b>Career Development: 7:30 PM</b>	Tom Teel	SMQ
SAT	12	10 AM	<b>Somerset Signal Senders, Inc.</b> Glider Test Day	Rich Negran	North Branch Park
THU	16	7 PM	<b>Aerospace Presentation: 7:30 PM</b> C17 Operations, Lt. Col. Kevin Russo	Ian Ricks	SMQ
THU	23		<b>Social Activity</b>	Ian Ricks	

### FLYING SEASON – Weather Permitting

THU	6:00 – 7:30 PM	<b>R/C Model Aviation</b> Fly R/C model airplanes prior to our meetings	M. Gruener K. Pronko	SMQ Glider Runway
SAT	8:00-10:00 AM	<b>R/C Model Aviation</b>	M. Gruener K. Pronko	SMQ Glider Runway
SAT / SUN	10:00 AM – 5:00 PM	<b>Fly For Fun</b> , Volunteer Glider Operations Service For "Wing Runner" schedule, go to:	Mike Gruener Gus Kushner	SMQ Glider Runway

**Announcement:** The AEP107 are participating in the worlds greatest general aviation air show. Our **AEP107 Program Partners** (below) are also welcome to apply for one or two places for our trip to AirVenture 2005.

**KEY DATES:**

THU, JUN2, Business Meeting – **Balance Due**

SUN, JUL24, **Travel to AirVenture 2005** / SAT, JUL30, **Return from AirVenture 2005**

**MEMBERSHIP & AEP107 ACTIVITY** [Return To Contents](#)

**AEP107 Note:** May we have help of the parents, and friends to identify the great things our members are doing?

**MAY 2005**

From: "gliderguynj"

To: somersetsoaring

Sent: Sunday, May 22, 2005 3:04 PM

Subject: **Keith is Da Man**

Ron, you would have been proud. If this was 3rd grade I'd give Keith a star for the day. Not only did he inspect the rope by the glider end, but **he inspected the Whole Rope**. By inspecting the whole rope, he found that one of the braids about 30 feet from the tow plane was cut and frayed, rendering the rope well below its expected strength.

Jay replaced the rope immediately.

Way to go Keith. Excellent job! Wait...Stupendous, Simply Amazing attention to detail.

AEP107 NOTE: Keith (15) is an Aviation Explorer who has earned his glider "Wing Runner" Certificate and is a volunteer member of the Fly For Fun, Inc. glider operations. Keith, from all of us in AEP107 – ATTA Boy!!

**Raritan Valley District – Aviation Merit Badge Program SAT, MAY 21**

Fourty 3 Boy Scouts of the Raritan Valley District had an excellent experience at the Central Jersey Regional Airport. The program staff provided a wonderful "first touch" with the aviation community. Mother Nature provided excellent weather during the program.

Next Step: Tom Teel, Aviation Merit Badge Counselor, is reviewing the AMB worksheet competed by the Scouts to determine if they completed the AMB requirements. If complete, the worksheets and signed "Blue Cards" will be returned to the Troop coordinator. If the worksheets not complete, the unsigned blue card and worksheets will be returned to the Troop Coordinator. At that time the Scouts contact an AMB Counselor and complete the requirements.

On behalf of the Raritan Valley District Leadership, we would like to thank the Boy Scouts and their Leaders for participating in the Aviation Merit Badge program.



Here are a few of the 43 Raritan Valley District Boy Scouts participating in the AMB Program while enjoying a great day at the Central Jersey Regional Airport.

Mother Nature provided great weather for the program.

## AEP107 PARTNER PROGRAMS [Return To Contents](#)

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- EAA Vintage Chapter 7** <http://www.vintage-aircraft-7.org>  
**International Young Eagles Day**, SAT, JUN11 (rain date: SUN, JUN 12)  
**Andover-Aeroflex Airport (12N)** Andover, NJ <http://www.airnav.com/airport/12N>
- EAA Chapter 643:** <http://www.eaa643.org>  
**Chapter Meeting:** Third Monday of each month.  
**International Young Eagles Day**, SAT JUN11, 9 AM to 4 PM  
**Sky Manor Airport (N40)** Pittstown, NJ <http://www.airnav.com/airport/N40>
- EAA Chapter 1333:** <http://www.friendsofcentraljerseyairport.org>  
**Young Eagles Program**, SAT, JUL16 10 AM to 4 PM,  
**Central Jersey Regional Airport** (47N), Hillsboro, NJ, Picnic starts at 12 Noon
- Fly For Fun, Inc. @ Somerset Airport:** <http://members.aol.com/soaratsomerset/index.html>  
**We Do Glider Rides** - You and a certified pilot will be towed aloft in a glider. Your pilot will release from the towline. Remaining near the airport, the pilot will allow you to take the controls for a time if you wish, or just relax and go along for the ride. Continuing lessons are available for those who wish to pursue the sport of soaring.
- Fly for Fun, Inc. – Operations:** <http://groups.yahoo.com/group/somersetsoaring/files/>
- Hawk Valley Soaring Club:** <http://www.geocities.com/hvsoaring>
- Raritan Valley District, PPC, BSA:** <http://www.ppbsa.org>  
**Round Table Meeting:**
- Somerset Air Service, Inc.:** <http://www.georgewalkerfield.com>  
Please come and support the use of helicopters at the Somerset Airport  
May 25th, 7:30pm, 1 Miller Lane Bedminster, at the Municipal Building
- Somerset County 4-H Club:** <http://somerset.rce.rutgers.edu>  
❖ 4-H Space & Astronomy Club: <http://www.geocities.com/sc4hastro>  
❖ Broken Props Model Airplanes  
❖ Somerset Sentinels Rocket Club
- Somerset Signal Senders, Inc.:** <http://www.somersetsignalsenders.org>  
**Club Meeting:** Last Wednesday of each month.  
❖ June 12, 2005 - Glider Test Day.  
❖ July 30, 2005 - Club Glider Contest.  
❖ August 20, 2005 - 2nd Annual Electric Fun Fly.

## AEROSPACE NEWS [Return To Contents](#)

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AEROSPACE NEWS provides an insight to the aerospace industry for your use as you identify your Career Goal and start your Career Development. The following information is representative of the aerospace news available to you.

### **Aerospace: CAREER DEVELOPMENT** [Return To Contents](#)

**Young Money Magazine:** <http://www.youngmoney.com>

### **Aerospace: NEWS SOURCES** [Return To Contents](#)

**Aviation International News:** <http://www.ainonline.com/index.html>

**EAA, AirVenture 2005:** <http://www.airventure.org>

**NJDOT, Division of Aeronautics:** <http://www.state.nj.us/transportation/commuter/aviation>

### **Aerospace: THE FUTURE** [Return To Contents](#)

**VISION 100 (The Law)** [http://www.amtech-usa.org/jpdo/VISION\\_100\\_CITATION.pdf](http://www.amtech-usa.org/jpdo/VISION_100_CITATION.pdf)

**Joint Planning & Development Office:** [http://www.jpdo.aero/site\\_content/index.html](http://www.jpdo.aero/site_content/index.html)

**LiftPort Group Inc.:** <http://www.liftport.com/index.php>

**National Consortium for Aviation Mobility (NCAM) – SATS:** <http://ncam-sats.org/>

**NASA-Small Aircraft Transportation System (SATS):** <http://sats.larc.nasa.gov>

**Space Elevator 2010:** <http://www.elevator2010.org>

### **Aerospace: BUSINESS NEWS** [Return To Contents](#)

#### **Florida works to lure spaceship manufacturers**

Officials in Cape Canaveral, Fla., are launching a campaign to have the replacement for the space shuttle built in

the area, Florida Today reports. They hope to attract companies competing for the spaceship contract. In the past, rockets and spaceships that launch from the Florida coast have been built in other states. [Florida Today \(Melbourne\)](#) (5/17)

### **Air-traffic controller union warns of upcoming shortage**

Union officials representing air-traffic controllers warned staffing at Dallas/Fort Worth International Airport will become "perilously low" if the rate of retirements continues to outpace the rate of new hires, the Dallas Morning News reports. By the end of this year, the approach control facility will operate with 25% fewer workers. The Federal Aviation Administration acknowledged the controller shortage. [The Dallas Morning News](#) (free registration) (5/18)

### **Airbus gets launch customer in exchange for loan**

European jetmaker **Airbus** loaned **US Airways** and **America West** \$250 million to complete their planned merger. In exchange, the airlines will buy an unspecified number of A350 jetliners. The carriers announced the merger Thursday. [The Seattle Times](#) (free registration) (5/20)

## **Aerospace: TECHNOLOGY NEWS** [Return To Contents](#)

### **NASA Rethinks Technology Needs**

By [Brian Berger](#), Staff Writer

More than \$1 billion worth of human and robotic technology projects selected for funding late last year by NASA's Exploration Systems mission directorate are on the chopping block as the U.S. space agency re-evaluates its technology investment strategy.

NASA Administrator Mike Griffin told an industry group last week that he intends to concentrate the agency's exploration systems research and development budget on technologies promising near-term payoffs for the intertwined goals of retiring the space shuttle, fielding a shuttle replacement as soon as possible and getting humans back to the Moon by 2020.

### **Lockheed starts final assembly of Joint Strike Fighter**

**Lockheed Martin** on Monday mated the wing and fuselage assemblies of the F-35 Joint Strike Fighter, a major milestone in the plane's development. The company's Fort Worth, Texas, assembly plant is expected to build the plane for the next 20 or 30 years. The JSF is expected to make its first flight next summer. [Fort Worth Star-Telegram \(Texas\)](#) (free registration) (5/17), [The Dallas Morning News](#) (free registration) (5/17)

### **Air Force Seeks Bush's Approval for Space Weapons Programs**

By [TIM WEINER](#), Published: May 18, 2005

The Air Force, saying it must secure space to protect the nation from attack, is seeking President Bush's approval of a national-security directive that could move the United States closer to fielding offensive and defensive space weapons, according to White House and Air Force officials.

A Minotaur rocket successfully lifted an XSS-11 microsatellite into orbit last month from California.

### **ARSENAL OF THE FUTURE**

*Previous articles have examined weapons of the future for the military.*

First Article in the Series: [Pentagon Envisioning a Costly Internet for War](#) (Nov. 13, 2004)

Second Article in the Series: [A New Model Army Soldier Rolls Closer to the Battlefield](#) (Feb. 16, 2005)

Third Article in the Series: [Drive to Build High-Tech Army Hits Cost Snags](#) (March 28, 2005)

Fourth Article in the Series: [Navy of Tomorrow, Mired in Yesterday's Politics](#) (April 19, 2005)

The proposed change would be a substantial shift in American policy. It would almost certainly be opposed by many American allies and potential enemies, who have said it may create an arms race in space.

A senior administration official said that a new presidential directive would replace a 1996 Clinton administration policy that emphasized a more pacific use of space, including spy satellites' support for military operations, arms control and nonproliferation pacts.

### **Artificial Gravity: NASA Spins Up New Study**

[http://www.space.com/business/technology/050518\\_tech\\_wednesday.html](http://www.space.com/business/technology/050518_tech_wednesday.html)

A new NASA/university collaboration will systematically study how artificial gravity could be a way to beef up the overall health of crews on future space exploration jaunts.

### **Burt Rutan Chides NASA for Dullness, Says Space Should be Fun**

[http://www.space.com/adastra/050519\\_nss\\_rutan.html](http://www.space.com/adastra/050519_nss_rutan.html)

By [Anthony Duignan-Cabrera](#) posted: 19 May 2005, 11:29 am ET

ARLINGTON, Virginia -- Maverick aerospace designer Burt Rutan kicked off the 24th International Space Development Conference here today with an exuberant, yet pointed presentation chiding NASA and the nation's

aerospace industry for not working hard enough to excite the next generation of space explorers and resting on the laurels of past successes and ideas.