

Aviation Exploring Post 107

Aerospace Career And
Personal Development

Somerset Air Service, Inc.
SMQ



FLIGHT LOG

Dated:
April 25, 2005

<http://www.aep107.org>

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Aviation Exploring is "Learning for Life sponsored by the:
Somerset Air Service

Somerset Airport @ George Walker Field – SMQ "A Field of Dreams"
P.O. Pox 1007, Bedminster, NJ 07921

908 722 2444 / somersetair@earthlink.net / <http://www.georgewalkerfield.com>

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 / Member Hanger / Document. Welcome to our journey!

Please send all FLIGHT LOG information to: chairman@aep107.org

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

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

Congratulations Erik!! April 16, 2005

Erik completed his first glider pilot lesson.

Thank you Marcy Gruener, FFF Operations, and Gus Kushner, FFF Glider Pilot Instructor for supporting Erik. I remember James starting his glider pilot instruction, and look at him now.

R/C Model Aviation: THU, APR 21, 6:30 PM @ Fly For Fun Glider Runway

This was our first pre-meeting flight of the season.



Keith, holding glider



Ian & Cam discussing repair work

Aerospace Presentation: THU, APR21, 7:30 PM @ SMQ

Alaskan Vacation by Air, Art Burton (Ian's Grandfather)

We were treated to a slide show of Mr. & Mrs. Art Burton's Alaskan vacation in Art's airplane. The pictures of the Alaskan wilderness and mountains were gorgeous. We had a lot of questions about the flight and enjoyed the evening.

Thank You Art!!!

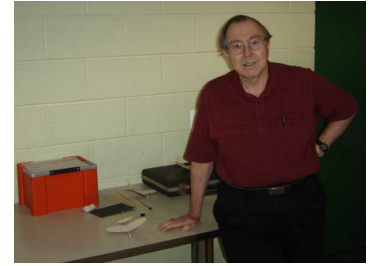
Cigar Box Soaring Contest, SAT, APR23, 9 – 11:30 AM Co-Chair: James Alaggio & Cameron
 Hosted by: 4H Broken Props Club & AEP107 at the 4H Facility, 310 Milltown Rd, Bridgewater, NJ
 This contest is open to the NJ Aerospace Community. Please, build a glider that fits into our cigar box and enjoy the day



From Left: Cam & Keith building a new entry.



From Left: Rich & Len (Smith & Wesson) were our Judges from the Somerset Signal Senders.



Gene Sellars was our design, construction & repair engineer.



Ian getting ready to launch his entry.

Our 1st Annual Cigar Box Soaring Contest was a success. We had a number people flying, the competition was a lot of fun and our overall winners were: #1 Ian, #2 Gene Sellars (the geezers were rooting for Gene), #3 Keith

The Broken Props Club and AEP107 would like to thank the 4H Youth Development for supporting this activity.

Aerospace Information Technology, Nick, President

Nick would like your help in designing a logo for his new company. The new logo needs to support his companies focus on aerospace information technology.

Please send your design to chairman@aep107.com, see Nick at our meetings or on the FFF glider flight line.

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

APRIL 2005

THU	28		Social Activity	Ian Ricks	
SAT	30	1PM	"Gentle Lady" Construction	Rich Negran	Big Al's Home

MAY 2005

THU	5	7:00 PM	Business Meeting: 7:30 PM ❖ Officer Nominations / Elections ❖ \$100 AirVenture 2005 Deposit Due ❖ Aircraft Washes ❖ Raffle	James	SMQ
THU	12	7:00 PM	Youth Protection Training: 7:30 PM Facilitator: Tom Teel ❖ All Advisors (required) ❖ All members age 18 and older (required) ❖ Committee Members and Consultants who wish to take the training.	Tom Teel	SMQ

REPETITIVE PROGRAM ACTIVITIES - WEATHER PERMITTING

SAT	0800-1000	R/C Model Aviation	M. Gruener K. Pronko	SMQ Glider Runway
SAT	8:00-10:00 AM	R/C Model Aviation	M. Gruener K. Pronko	SMQ Glider Runway

SAT/SUN 10:00 AM – 5:00 PM	Fly For Fun Volunteer Glider Operations Service	Mike Gruener Gus Kushner	SMQ Glider Runway
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You can make a difference today. <http://www.thespoke.net/ycmd/info.aspx>

From now until April 30, 2005, “theSpoke” is sponsoring *You Can Make a Difference*, a scholarship contest for high school students who want make an impact with technology. We’re accepting proposals for software projects that will benefit a charity.

All students that submit proposals will receive a free copy of Microsoft Visual Studio .NET Academic Edition. But that’s not all. 10 students (5 females, 5 males) will be chosen to make their project idea a reality. Each of the 10 selected finalists will receive a \$5,000 (USD) grant to be divided up as follows:

- ❖ \$1,500 – Budget to implement the charitable project
- ❖ \$2,500 – Student scholarship
- ❖ \$1,000 – Technology grant to the school the student attends

The 10 finalists will also receive a mentor from Microsoft to help them turn their project idea into a working software solution for the charity. **The submission window is from March 1 – April 30, 2005.** The contest is available to students worldwide, and they can submit their entries in 15 different languages. Additional information and an online application is available at <http://www.thespoke.net/ycmd/info.aspx>. Questions can be sent to mjobbe@microsoft.com

Millstone Valley Flight School, Central Jersey Regional Airport

We will be starting the next Private Pilot Ground School on **Thursday, May 5, 2005** at the Flight School.

Classes will be held every Thursday beginning at 7:00 PM. The length of the classes will vary slightly depending on the subjects to be taught, but will generally last about 2 hours.

The cost for the entire 11-week course will be \$219. Individuals who wish to attend specific classes may do so for \$25 per class.

Materials needed (available at the Flight School) will include:

Private Pilot Written Exam Book (Jeppesen, Gleim, King, etc.) / New York Sectional and Terminal Area Charts / Airport/Facilities Directory / Plotter / Flight Computer / Pilots Operating Handbook for your training airplane / Calculator

John Price, Chief Flight Instructor, 908-526-2822
Millstone Valley Flight School

Raritan Valley District, BSA Aviation Merit Badge Program

Saturday, May 21, 2005, 8:00 AM to 3:00 PM, Central Jersey Regional Airport (47N), Manville, NJ
Boy Scouts in the Raritan Valley District, BSA are invited to participate in a One Day, Aviation Merit Badge program and earn their Aviation Merit Badge.

Help Needed:

1. **EAA, Young Eagle Pilots:** As a separate but concurrent program, there will be a Young Eagle program at the CJRA (47N) and we need your help to fly Young Eagles. We are expecting approximately 50 flights on May 21.
 - ❖ Please contact Doug Nelson, Young Eagle Flight Coordinator, 908 479 1731, eagleflyer@att.net.
2. **Aircraft of Interest** - If you know a person who owns/has access to a vintage, warbird, special aircraft and is willing to support this Aviation Merit Badge program please ask them to contact – Linda Ricks, 908 823 9380 / raviation1@cs.com. We are planning a static display from 11:30 AM to 1:30 PM.
3. **Large Scale R/C Model Airplane** – We need a large R/C model airplane with all control surfaces operable including flaps for use as an instructional display. AMB candidates will be asked to demonstrate the control surfaces with your remote control. This model is not required to start its engine.
 - ❖ Please contact Tom Teel, 908 581 6876, chairman@aep107.com.

Thank you for your consideration! This is a really great program!

White Knight/SpaceShipOne Coming to AirVenture!

Announcement: The AEP107 objective is to take our members to the worlds greatest general aviation air show. However, the **AEP107 Program Partners** (below) are each welcome to apply for one or two places for our trip to AirVenture 2005.

- ❖ AEP107 has 10 rooms reserved at the University of Wisconsin, Oshkosh
- ❖ Transportation & Housing costs should be in the \$400 per person range for 7 days.
- ❖ Costs for food, bus to & from show (\$4.00 RT), gifts and admission costs are managed by the individual participants.
- ❖ **Note:** Explorers and adults can earn ExploringMiles from airplane washes to help pay for the trip. Our Explorers have the opportunity to volunteer at a number of places within AirVenture
<http://www.airventure.org/2005/events/volunteers.html>

KEY DATES:

THU, MAY5 Business Meeting: A \$100.00 deposit is required to reserve your spot.

- ❖ **Based on these reservations Final room reservations, airplane tickets and ground transportation will be committed to.**

THU, JUN2, Business Meeting – Balance Due

SUN, JUL24, Travel To AirVenture 2005

		A. & E. Macdonald Scholarship Recipient to AirAcademy			
		Leave	Newark to <airport>	Arrive	
SUN	24	Leave AM	Newark to <airport>	Arrive	
			AirVenture 2005, July 25 - 30, 2005		
SAT	30	Leave PM	<airport> to NEWARK	Arrive	

AEP107 PARTNER PROGRAMS [Return To Contents](#)

- EAA Chapter 643:** <http://www.eaa643.org>
- EAA Chapter 1333:** <http://www.friendsofcentraljerseyairport.org>
- Fly For Fun, Inc. at 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>
- Patriots' Path Council, BSA:** <http://www.ppbsa.org>
- Raritan Valley District, PPC, BSA:** <http://www.ppbsa.org>
- Somerset Air Service, Inc.:** <http://www.georgewalkerfield.com>
- Somerset County 4-H Club:** <http://somerset.rce.rutgers.edu>
- Somerset Signal Senders, Inc.:** <http://www.somersetsignalsenders.org>

- ❖ June 12, 2005 - Glider Test Day.
- ❖ July 30, 2005 - Club Glider Contest.
- ❖ August 20, 2005 - 2nd Annual Electric Fun Fly.

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: 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

Joint Planning & Development Office: 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>

[Interesting Websites:](#) [Return To Contents](#)

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Indian market opens to jet fighter manufacturers

The U.S.'s decision to allow sales of fighter jets to India gives U.S. companies the opportunity to sell 126 jets, the New York Times reports. It may allow **Lockheed Martin** to keep its F-16 line alive or provide more business for **Boeing**, which builds the F/A-18 Super Hornet and the F-15 Strike Eagle. [The New York Times](#) (free registration) (4/16)

Analyst questions Pentagon's mix of technology, praises Global Hawk

A prominent defense analyst at the Lexington Institute recently questioned the Pentagon's mix of satellites and spy planes, the Dow Jones News Wires reports. In a research note, Loren Thompson said the Air Force Global Hawk program can do the same tasks, but for a lower price tag. [The Wall Street Journal](#) (subscription required) (4/15)

DOD APPROVES LOCKHEED MARTIN F/A-22 RAPTOR AIRCRAFT FOR FULL-RATE PRODUCTION

MARIETTA, Ga. , April 19, 2005 -- The Lockheed Martin [NYSE: LMT] F/A-22 Raptor fighter aircraft has been given the green light by Department of Defense acquisition officials to enter into full-rate production.

Unmanned vehicle market is bright spot for Northrop, Mississippi

Northrop Grumman will soon start building its Integrated Systems' Unmanned Services Center in Pascagoula, Miss., the Mississippi Press reports. Officials are optimistic about the future of the center and noted the UAV market is growing faster than most other areas in the defense sector. [The Mississippi Press \(Pascagoula\)](#) (4/17)

Flying in the Front Seats: A Look at STS-114's Commander and Pilot

By **Tariq Malik**, Staff Writer, posted: 21 April 2005, 7:00 a.m. ET

http://www.space.com/missionlaunches/050421_rtf_cmdr_pilot.html

There is no shortage of experience at the helm of NASA's next space shuttle mission.

With a total of four shuttle flights and 844 hours of space time between them, STS-114 commander Eileen Collins and mission pilot James Kelly are well prepared.

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NASA will demonstrate nuclear power in trip to moon or Mars

NASA will use a mission to the moon, Mars or an asteroid to demonstrate its nuclear propulsion system, Florida Today reports. NASA had planned a mission to Jupiter's moons, but will delay that trip until at least 2017. Florida Today (Melbourne) (4/18)

N/A This Week Due To File Size

NJ AEROSPACE EVENTS [Return To Contents](#)

This calendar is a service of New Jersey Aviation Education Council (NJAE) <http://community.nj.com/cc/njaec>
 The information is not guaranteed. It is wise to confirm dates as some events are canceled without notice.
 Please send all event information to either of the two addresses listed below. Thank you. Compiled By:

Diana Dade
 1430 Maple Ave.
 Hillside, NJ 07205
 (973) 923-1795

Mary Sullivan
 103 Mountain View Road
 Warren, NJ 07059
 (908) 647-6606 /
 Aeroy@optonline.net

NOTE: This list is edited to fit in our [Flight Log](#) and is not complete.

AVIATION RELATED EVENTS

Updated 04/01/05

DATE	EVENT	CONTACT
April 27	Somerset, NJ Adult Education Career Program (NJAE) Franklin Twp Public School Room 305	Doris Stevens (732) 873-1227
April 28	Fairfield, NJ <i>Carol Ann Garratt – Solo Trip Around the World in a Mooney</i> C & W Hangar at Caldwell Airport Gourmet dinner @ 5:30; Program @ 7 PM Sponsored by Morristown Pilots Association	Len Levy (973) 299-9148
April 30	Lumberton, NJ Aerospace Ed Camp NJAE & Burlington Co. 4 – H Flying W Airport	Nancy (609) 265-5765
May 5	Fairfield, NJ The Care and Feeding of Your Aircraft's Engine 6:30 PM C & W Services Hangar, CDW (Gourmet dinner @ 5:30 PM)	
May 9	Newark, NJ - NJ Aviation Conference & Tour 8:30 – 4:30 PM Newark Liberty International Building One Fly In privileges for 1st 20 registrants Sponsored by MAAC (Mid Atlantic Aviation Coalition)	Bob Checchio (732) 968-6908 www.njaviation.com
May 14	Lumberton, NJ Young Eagles Flights Air Victory Museum So. Jersey Regional	(609) 267-4488
May 14 May 15 (rain date)	NJ/NY locations – Poker Run Sky Acres, Sullivan County, Blirstown, Greenwood Lake, Orange County (Terminus) \$15 a hand 10 AM – 2:45 PM Sponsored by the North Jersey 99s	Shirley Onacilla (212) 787-2058 www.nj99.com
May 15	Trenton, NJ - NJ Aviation Education Council Meeting Mercer County Community College	Tom Flieger (732) 671-9327