

Aviation Exploring Post 107 **FLIGHT LOG**

Aerospace Career And Personal Development

Somerset Air Service, Inc. SMQ

Dated: May 8, 2005



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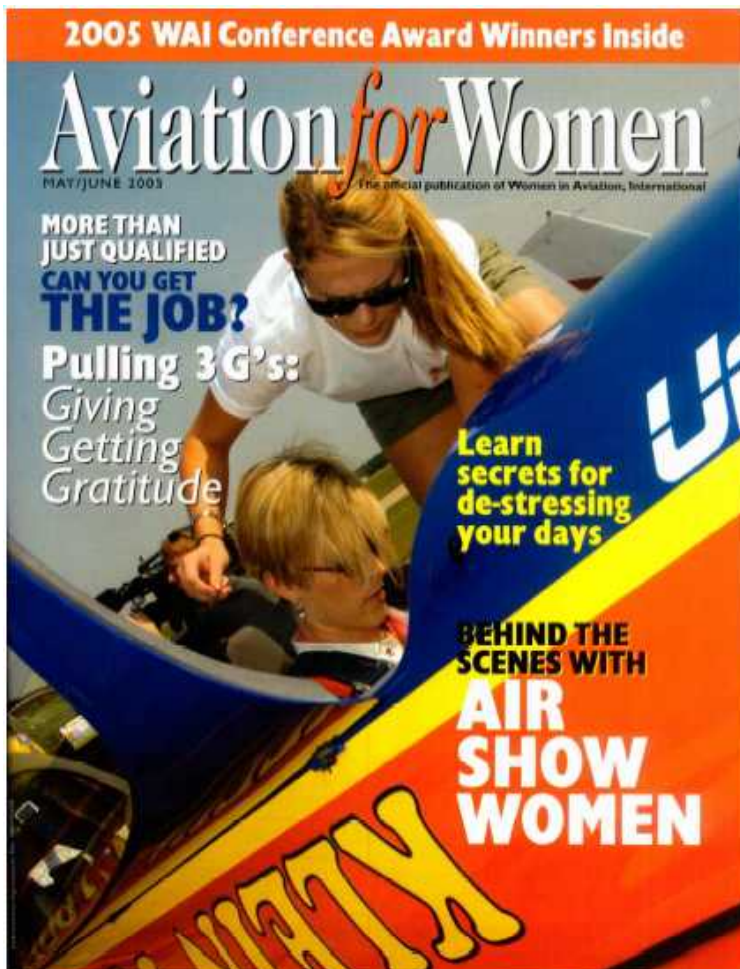
Aviation Exploring is "Learning for Life sponsored by the:
Somerset Air Service, Inc.
 Somerset Airport @ George Walker Field – SMQ
 P.O. Pox 1007, Bedminster, NJ 07921
 "A Field of Dreams"
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somersetair@earthlink.net / <http://www.georgewalkerfield.com>

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



**Thank you Mom for supporting your
 Aviation Explorers
 (of all ages)!**

Aviation Exploring Post 107



Marcy Gruener, Aviation Explorer - shown here strapping in a local reporter from Michigan.

Marcy has been a member of Explorer of Aviation Exploring Post 107 for 5 years. During this time she has been active with the Fly for Fun Glider Line as their manager. She has traveled with our Post to the EAA, AirVenture and for two years she has been the Mike Mancuso Airshow Crew Chief and dreams of being his business manager. Check out the tail and you shall find a familiar name there. T. Teel

"As for my plans, I am majoring in business administration with a minor finance and plan to continue those studies next fall at Rutgers. For now, I am off for the summer and will be working the airshows with Michael Mancuso and actually partially on the side with Kevin Russo as well. I am so excited and looking forward to a great season. I am also starting my instrument training at Wings field in PA with my old power instructor Chris Garber and will be on my way to train very soon! I am very excited that you included me in the flight log and I would like to thank everyone who has kept me flying and supported me all the way! I continue to be inspired and hope that everyone gets to fulfill their dream of flying! I look forward to seeing you all at Oshkosh then!"

Blue skies and keep the blue over the green!
 ~ Marcy G.

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

MAY 2005

THU	12	7:00 PM	Career Development: 7:30 PM	Tom Teel	SMQ
THU	19	7:00 PM	Aerospace Presentation: 7:30 PM	Ian Ricks	SMQ
THU	26		Social Activity	Ian Ricks	

JUNE 2005

THU	2	7:00 PM	Business Meeting: 7:30 PM ❖ AEP107 Officer Elections ❖ Balance Due – AirVenture 2005	James Alaggio	SMQ
THU	9	7:00 PM	Career Development: 7:30 PM	Tom Teel	SMQ
THU	16	7:00 PM	Aerospace Presentation: 7:30 PM C17 Operations, Lt. Col. Kevin Russo	Ian Ricks	SMQ
THU	23		Social Activity	Ian Ricks	

FLYING SEASON – Weather Permitting

THU	6:00 – 7:30 PM	R/C Model Aviation Fly R/C model airplanes prior to our meetings – weather permitting	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 For “Wing Runner” schedule, go to:	Mike Gruener Gus Kushner	SMQ Glider Runway

[EAA, AirVenture 2005](http://www.airventure.org/index.html) / <http://www.airventure.org/index.html>

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

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

Business Meeting, THU, MAY5, 7:30 PM

AEP107 Officer Nominations

- ❖ President: Nick Asch and Cameron MacMillian
- ❖ VP-Administration: Henry Coslick
- ❖ VP-Aerospace Program: Ian Ricks
- ❖ Treasurer: Nathan Drelles
- ❖ Secretary: Keith Pronko

A & E Macdonald Aerospace Scholarship Award

- ❖ Chris Boehm (16) has been awarded the Alan and Edith Macdonald Aerospace Scholarship.
- ❖ Chris, a member of AEP107, submitted his Resume and Cover letter for the Scholarship. While Chris is not able to travel to our meeting he has been very active with the EAA Chapter 643 and the Sky Manor Airport.
- ❖ We wish Chris the best while attending the AirAcademy. Chris will join the AEP107 Crew at AirVenture 2005 and fly back with us. We are also looking forward to Chris' presentation to the Post about his experiences at the AirAcademy.

\$100 AirVenture 2005 Deposit Due

- ❖ The final balances for our AirVenture 2005 Trip are due at our THU, JUN2 Business Meeting.

Nick's Aerospace Information Technology Company Logo

- ❖ Nick would like to thank everyone for their suggestions and designs. He is currently working on a final design.

Aircraft Washes

- ❖ Our Airplane Wash will be held SAT, JUN4 between 9 AM until we finish the last Aircraft.

Airport Signs

- ❖ Tom Teel will finish painting the SMQ signs. They will be ready for the AEP107 Construction Crew for planting.

Raritan Valley District – Aviation Merit Badge Program, SAT MAY21, 8 AM

- ❖ There are 34 Boy Scouts signed up for the AMB program. We request the all Explorers not schedule for the FFF Glider Line Service support the AMB program at the Central Jersey Regional Airport.

AirShows

- ❖ May 22, 2005 – Millville Airshow
- ❖ May 28, 2005 - Willow Grove Naval Air Station

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EAA Vintage Chapter 7

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:

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:

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>

Aviation Merit Badge Program, Saturday, May 21, 2005, 8:00 AM to 3:00 PM, Central Jersey Regional Airport (47N), Hillsboro, NJ
Help Needed:

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 [Return To Contents](#)

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>

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

Japan plays large role in development, assembly of new Boeing jetliner

Three Japanese manufacturing conglomerates will design and build 35% of the **Boeing 787**, the Seattle Times reports. This marks the first time Boeing has outsourced the design and assembly of a new jetliner's wings. Japan is expected to spend \$1.6 billion on development for the 787. [The Seattle Times](#) (free registration) (5/1)

Astronauts back NASA's decision to push launch date back

Astronauts who will fly on the Discovery shuttle said they supported NASA's decision to postpone the launch date until July, Florida Today reports. Eileen Collins said the later launch date will give the astronauts more time to prepare for the mission. [Florida Today \(Melbourne\)](#) (5/2)

In cost-cutting move, some airlines start making parts

Some airlines are trying to cut costs by making aircraft parts themselves, the Wall Street Journal reports. They are also seeking out less expensive suppliers. Parts prices are rising 5%. Meanwhile, airlines are reporting large losses as fuel prices soar. **Continental Airlines**, for example, said it saves almost \$2 million building parts such as tray tables and window shades. [The Wall Street Journal](#) (subscription required) (5/3)

Supreme Court will not hear case on pilot age restrictions

The Supreme Court declined to review a challenge to a law forcing commercial airline pilots to retire at age 60, the Associated Press reports. A lower court had ruled that it would be unsafe to change the law; the Federal Aviation Administration has argued that pilots lose critical skills as they age. A group of 12 pilots sued, calling the law discriminatory. [USA TODAY/Associated Press](#) (5/3)

NASA chief predicts more women as top managers

By Deborah Zabarenko Tue May 3, 2005 01:58 PM ET

WASHINGTON (Reuters) - NASA, once seen as a largely male bastion, will soon have more women in upper management as part of a push for more capable staff, the U.S. space agency's new chief said on Tuesday.

Noting that more women pursue careers in aerospace than previously, NASA Administrator Michael Griffin said this was good but could be better.

"I think if you watch, as the months go by, you'll see more rather than fewer women in senior management positions" at NASA, Griffin told a breakfast meeting of Women in Aerospace

Asia expected to drive sale of jetliners: Asian airlines are ordering more jetliners as the region's booming economy boosts demand for air travel. In the next decade, Asian companies are expected to purchase more than 800 planes. [The Washington Post/Associated Press](#) (free registration) (5/4)

Northrop considers partnering with Airbus parent for tanker competition

Northrop Grumman is weighing whether or not to partner with the parent of **Airbus** and compete for the Air Force tanker refueling contract, the Wall Street Journal reports. Northrop would be part of a team competing against **Boeing**. No agreement has been reached, but it is said to be politically risky for Northrop to team up with Airbus. [The Wall Street Journal](#) (subscription required) (5/5)



Have a nice day at 730 mph

By [Dominic Gates](#), Seattle Times aerospace reporter

Capt. Suzanna Darcy-Hennemann, right, a senior test pilot with Boeing's 777 program, and Capt. Frank Santoni, chief 777 test pilot, pose in the cockpit of a new 777-200LR at Everett's Boeing plant before the plane's maiden flight in March.

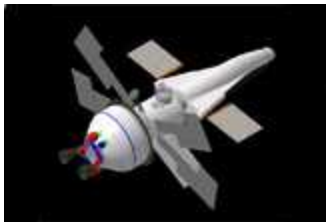
Suzanna Darcy-Hennemann has taken a Boeing 777-200LR jetliner above 30,000 feet and let it stall, testing whether it can recover without a precipitous drop. She has put it into a dive, approaching the speed of sound. Soon, while accelerating down

the runway, she'll shut one of the two engines to test that the jet can still take off safely.

How's that for a dream job at 52?

Capt. Darcy-Hennemann is a senior test pilot on Boeing's 777 program and lead pilot on current test flights of the 777-200LR, the latest ultra-long-range model.

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NASA Receives Crew Exploration Vehicle Proposals

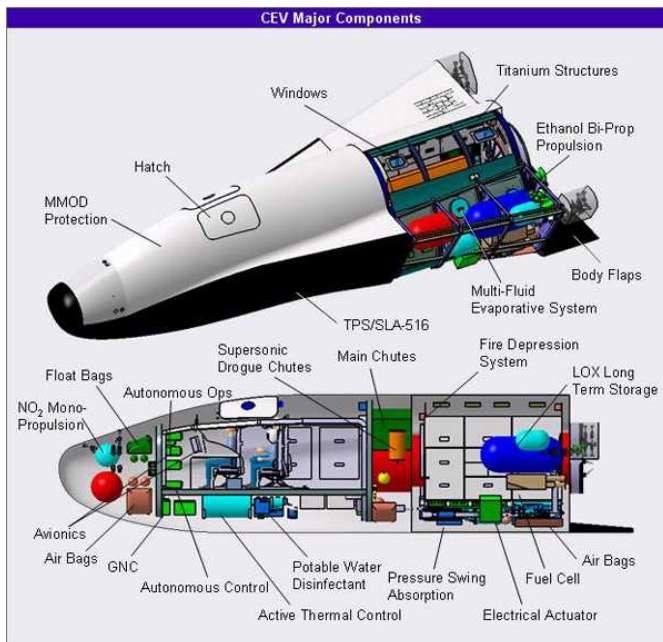
By [Leonard David](#), Senior Space Writer, posted: 03 May 2005, 12:02 pm ET

KENNEDY SPACE CENTER, Florida -- The future of human space transportation, not only into Earth orbit, but also back to the Moon and onto Mars, kick-started this week as NASA received contractor proposals for the Crew Exploration Vehicle (CEV).

A glimpse into one concept -- provided by Lockheed Martin Space Systems near Denver, Colorado -- shows a lifting body craft that can be outfitted for lunar as well as Mars operations.

"Basically what we came down on was the side of safety for the crew in making our decision to go with a lifting body," said Patrick McKenzie, CEV Business Development Manager at Lockheed Martin Space Systems Company.

Additionally, the design of the basic vehicle would allow it to be utilized to support near-term human expeditions to the Moon, as well as Mars in the future, McKenzie told *SPACE.com* in a phone interview.



Alliant Techsystems designs solar-powered sail for spacecraft

Alliant Techsystems' solar-powered sail is designed to propel a small spacecraft through space, the Minneapolis Star-Tribune reports. The company developed the sail for NASA, which hopes advanced propulsion technologies will cut travel times, spacecraft mass and cost. [Star Tribune \(Minneapolis-St. Paul\)](#) (free registration) (5/5)

Lockheed gets contract to help develop tactical laser system

Lockheed Martin will help **General Atomics** build a tactical laser system that could protect a border or population against rockets, missiles and artillery, the San Francisco Chronicle reports. Lockheed will develop the laser's ability to track a target. General Atomics will build the laser. It is expected to be finished in 2009. [San Francisco Chronicle](#) (5/6)