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# The FlightLine

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Next Meeting November 17th ! Gotta Be There Or Else!

November, 2007

## THE FLIGHTLINE

OFFICIAL NEWSLETTER  
OF EAA CHAPTER 40  
VAN NUYS / SAN  
FERNANDO VALLEY,

DEDICATED TO THE HOBBY  
& SCIENCE OF AIRCRAFT  
BUILDING, RESTORATION,  
YOUTH OUTREACH  
THROUGH AVIATION, AND  
FOSTERING THE GROWTH  
OF PRIVATE AVIATION AND  
AIR SPORTS.

CHAPTER MEETINGS ARE  
OPEN TO ALL, AND ARE  
HELD AT 9AM ON THE 3RD  
SATURDAY OF EACH  
MONTH, AT ROCKY'S RES-  
TAURANT AT WHITEMAN  
AIRPORT

CALL 818-705-2744 FOR  
MORE INFO.

[www.eaa40.org](http://www.eaa40.org)



## THIS MONTH'S SPEAKER: FLY WITHOUT WINGS ! (AND WITHOUT DRUGS EITHER)

This month, Chapter 40 is particularly proud to have **Wen Painter** give a presentation on his work with the famous "lifting body" research vehicles such as the **HL-10** and **M2F2**. Here's some info clipped and snipped from the [www.nasa.gov](http://www.nasa.gov) website on Mr. Painter:

Wen Painter, former NASA Dryden Flight Research Center lifting body project engineer, will discuss the famous wingless lifting bodies. The radical lifting body aircraft proved that controlled flight without wings was possible. Additionally, lifting



body flight research accomplished at NASA Dryden during the 1960s and 1970s contributed to the database that led to the design of the space shuttle.

Painter retired after 24 years as a research engineer and project manager at NASA Dryden. After a short stint as a test flying instructor at California Polytechnic University at

San Luis Obispo, he then began a 20-year association with the National Test Pilot School in Mojave, Calif., as a flight test instructor. He currently works part-time for AS&M, Inc., as a consulting engineer at NASA Dryden on the Gulfstream III and Ikhana/Predator B flight research projects.

Mr. Painter is also affiliated with the National Test Pilot School in Mojave, where you can take a test piloting course ranging from \$5,000 to \$1 Million. Chapter 40 wishes to thank member Steve Brazil for helping arrange for Wen Painter to make a presentation for us. Getting good quality speakers is one of the hardest things that our Chapter President does, and all assistance in this pursuit is welcome!

*EAA Chapter 40 Hotline*

*818-725-4AIR*

*President - Charles Ducat Vice President - Dave Kolstad*

*Treasurer - Ferd Kuhn Secretary - Tom Hastings*

*Young Eagles Co-ordinator - Alycia Herman Newsletter - Bill Berle*

## Sad News

Please join all of Chapter 40 and the entire aviation community in mourning the loss of **Barbara Cesar**. Barbara was a strong supporter of general aviation, a successful aviation business owner, and a gifted pilot with aircraft and helicopter ratings.

Barbara passed away last week suddenly due to unexpected complications from a relatively minor surgery.

The aviation community will remember her as a very strong and vocal supporter of personal and private aviation, generous host of the EAA's B-17 visits, and the driving force behind several successful events designed to bring young people into aviation for personal growth and career choices.

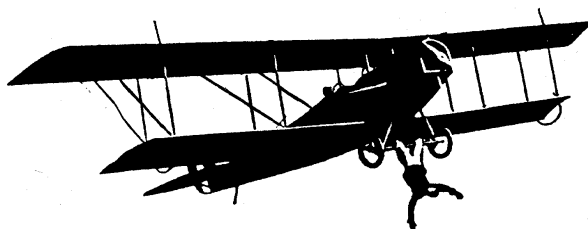
Chapter 40 would like to ask as many members as possible to please attend the memorial service, and offer their condolences on behalf of the chapter. **Memorial services** will be held for Barbara Cesar this Friday at 2PM, at the Syncro facility at 7701 Woodley Avenue across from the "LAX Flyaway" bus terminal.

## Challenge Air Event Success !

The Challenge Air event at Whiteman was a smashing success. Over 120 kids with various disabilities were flown. Chapter 40 and any other local community based organizations can take a lesson from Lonna Gibson and her Challenge Air team... their event was well-planned, well-run, and came off perfectly.

The event notably featured a large volunteer base, including Chapter 40's own **Dave Kolstad** serving as the "air boss". There was excellent sponsor participation, and a great interface with the airport management.

Please join us in congratulating Challenge Air, and expressing our thanks for showing the world that a disability is no barrier to experiencing the magic of flight.



## Last Month's Speaker

Chapter 40 would like to sincerely thank **Jack Norris** for the presentation on propellers and efficient flight. Jack is a world class engineer, designer and "out of the box" thinker in aviation. It's a privilege for us to have someone like that among our members.

## Happy Thanksgiving

By the time some of you get around to reading this, the Thanksgiving Holiday will be upon us. Please accept our most sincere best wishes for a Happy Thanksgiving. Aviation enthusiasts in America have a whole heck of a lot to be thankful for! May you and your family have a wonderful holiday.

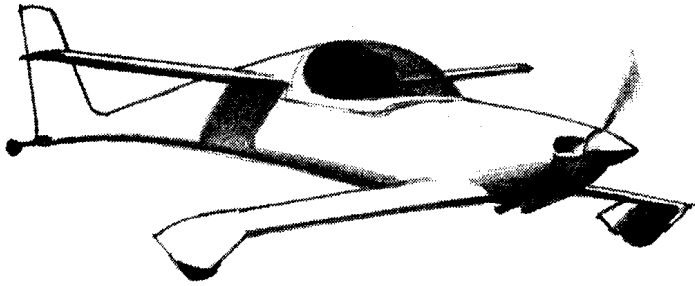


## Turkeys Give way to Eagles!

A couple of days after Thanksgiving, with our bellies still full and the taste of stuffing still lingering, wake up from your turkey-nap in time to participate in the next **Young Eagles** event, which will be Saturday November 24<sup>th</sup>. The Young Eagles event is a *go*, which means for you to be there and be part of it!

# Hot Quickie / Cool Engine

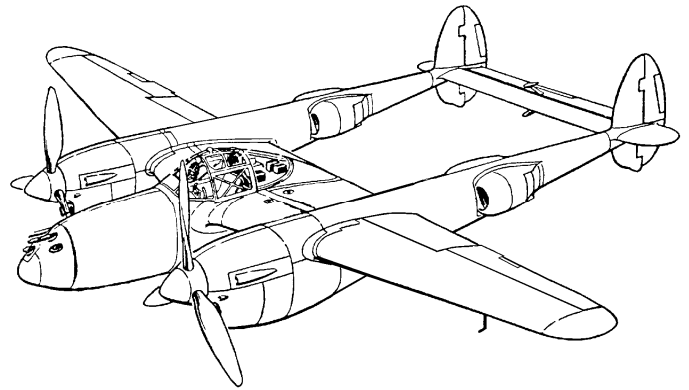
Chapter 40 member **Ron Weiss** is nearing completion of an incredible project. What started off as a relatively standard Quickie Tri-Q homebuilt project has become a showpiece on one level, and an exercise in overcoming design challenges (with clever thinking and a lot of hard work) on another level.



Ron's first idea for power was a Rotorway engine. Then he hit on the idea of a belt-driven Subaru auto engine conversion of 160 horsepower. The problem was twofold; there would be *no room* inside the cowling for the radiator, and the Subaru engine *weighed so much* that balance problems were guaranteed.

ing, guiding, and working with Ron to develop what's got to be the coolest cooling system ever! Murry envisioned the use of two radiators mounted on the sides of the Quickie's tailboom, behind the rear wing (imagine the radiators on the tailbooms of the famous P-38 fighter of WW2).

This system will move the weight of the cooling system rearward where it will help offset the heavy engine, it will allow a fully streamlined engine cowling for lower drag, and provide better cooling capacity than other options. Initial testing of the cooling ducts designed by Murry and hand built by Ron (and tested by Ron standing up in your Young Eagles coordinator's convertible... er... wind tunnel during classified high speed night tests on a remote boulevard) show that the duct's efficiency will provide excellent cooling flow. **This is homebuilt experimentation at its best!**



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## It's Christmas Time Again !

Believe it or not, this Saturday's meeting will be the very last one before our annual **Chapter 40 Christmas / Holiday Season Party**. Drop your Nuclear Physics textbook, step over the winning lottery ticket on your kitchen table, tell the supermodel on the phone to *postpone* her visit for a few minutes, and *leap across the room* to mark your calendars now! The Chapter 40 Christmas / Holiday Season Party will be **Sunday, December 9<sup>th</sup>**, at 5PM. Once again we're privileged to be invited to the home of **Tom and Joyce Hastings** and family, at 8344 Oso Avenue, in Winnetka. That's a block North of Roscoe Blvd. and a couple of blocks East of Winnetka Ave.

Bring a dessert or side dish, to compliment the luscious barbecue beef and chicken main course provided courtesy of Chapter 40! While you're at it, be sure to bring a wrapped mystery gift for the spectacular, classic, and always enjoyable White Elephant Gift Exchange. Now listen up all you cheapskates... bring decent gifts this time! The event is a lot more fun when the gifts are interesting and desirable... take your foot OFF the brake when you pass by the 99 cent store and hit the accelerator towards someplace a little nicer. Like the Craftsman Tools area of your local Sears store! Chapter 40 requests you take the time to bring an interesting, fun, and useful gift in the \$15 and up range. A good time will be had by all, that's guaranteed in writing (this writing).

## **EAA'S NEW STUDENT MEMBERSHIP**

This just in from **EAA Headquarters** in Oshkosh:

Dear Chapter President,

An exciting package of information is on its way to your Chapter! It is announcing the new EAA Membership structure changes. To better serve the interests of EAA members of all ages, our membership offerings were enhanced with the formal introduction of a new Student Membership designed specifically for youth. As a result, a change was also made to EAA's Family Membership.

The new **Student Membership** is something you, your Chapter, your fellow EAA members and more importantly the young people have been waiting for! The Student Membership has benefits that will motivate young people into further exploring their passion for aviation and provides the next step opportunities to Young Eagles. Just think about where it will take them in the future! The sky is the limit!

Designed for kids through age 17, the Student Membership delivers benefits including an exclusive fun-filled Student Members-only website providing access to scholarships and internships, information on aviation career choices, and other exciting benefits, all for \$10 per year. The new EAA Student Membership kit is an easy way to give the gift of membership to a deserving young person. Each kit includes the X-Plane flight simulator demo CD, EAA Aviation Highlights DVD, *Reach for the Sky* booklet, Whitewings glider, and a unique online activation code.

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### ***Take Off – To the Great White North !***

This just in from Chapter 40 and SFV 99's member Ceci **Stratford**:

The San Fernando Valley Chapter of the Ninety-Nines would like to invite you to a Special FAA Seminar, on December 3, at the: Airtel Plaza Hotel, 7277 Valjean Ave , Van Nuys, Ca.

#### **"DESTINATION ALASKA: Preparing for the Ultimate Flying Adventure"**

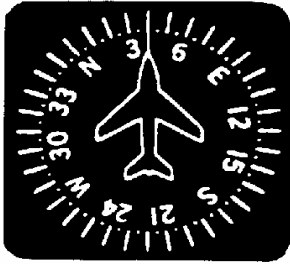
This fast-paced presentation will show you how to safely enjoy the trip of a lifetime. See what you need to bring to make the trip a success. Almost as important, see what you need to leave behind. Discover the benefits and the disadvantages to each of the major routes to Alaska - learn how to chose between them. Find out what it takes to make it through Canada, See where to go once you get to Alaska.

This Seminar will be given by Tom Koff, an ATP/CFII with 13,000+ flight hours. Tom has been flying in Alaska since 1976. From April through October he is employed as a glacier pilot with Talkeetna Air Taxi in Talkeetna, Alaska, flying mountain climbers and flight-seers onto the glaciers of Denali (Mt McKinley). Learn from his experiences traveling to and from Alaska to enhance the enjoyment and safety of your journey North. For the Ninety-Nines traveling to Alaska for the International Conference in August of 2008, Tom is going to focus his talk on the time frame the Ninety-Nines will be in Alaska.

If you need a room for the night, contact [jeannefenimore@earthlink.net](mailto:jeannefenimore@earthlink.net) We will put you in touch with the Hotel for a Special Rate. This presentation is Free, Bring a friend, bring two.



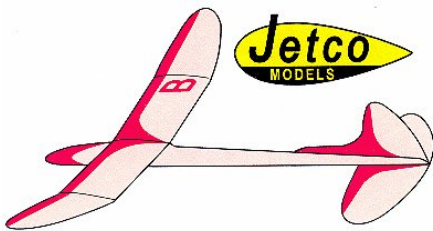
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# THE FLIGHTLINE

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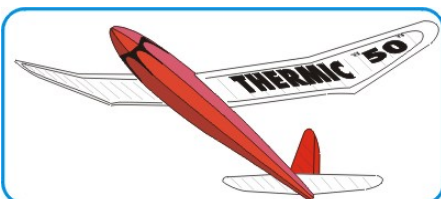
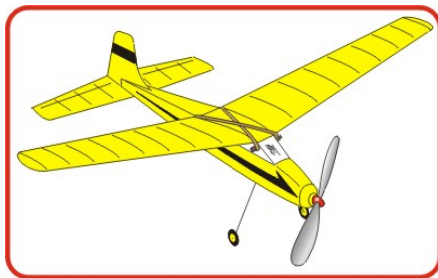
## Where Homebuilding Starts

If you made a list of the people who contributed significantly to aviation and aerospace, what do you think the most common factor would be? Education? Wealth? IQ? College test scores? *Nope!*

The most common thread you could find that runs through all of the great engineers, designers and pilots in aviation, from the Wright Brothers to Burt Rutan, from Barnaby Wainfan to our own Jack Norris, from Jimmy Stewart to Paul Poberezny to Scott Crossfield ... is that they all began with simple balsa wood model airplanes.

Model airplanes give young people the skills and character to become engineers, thinkers, doers, and achievers. If you want to give a young person the keys to a lifetime of achievements, open the door to their future, and give them the gift of flight starting with model airplanes! Doing this for a child is every bit as important as a \$100,000 college education for them as an adult.

Stop by **Smith Bros. Hobby Center** on Reseda Blvd. a block south of Nordhoff, and ask for Tony Naccarato. Tony is one of the great all-time teachers and mentors in the model aviation world. For an investment of \$2.95, you might just be helping a child become the next great scientist, pilot, or aerospace engineer that changes the world!



Thank you, Mr. Zaic !