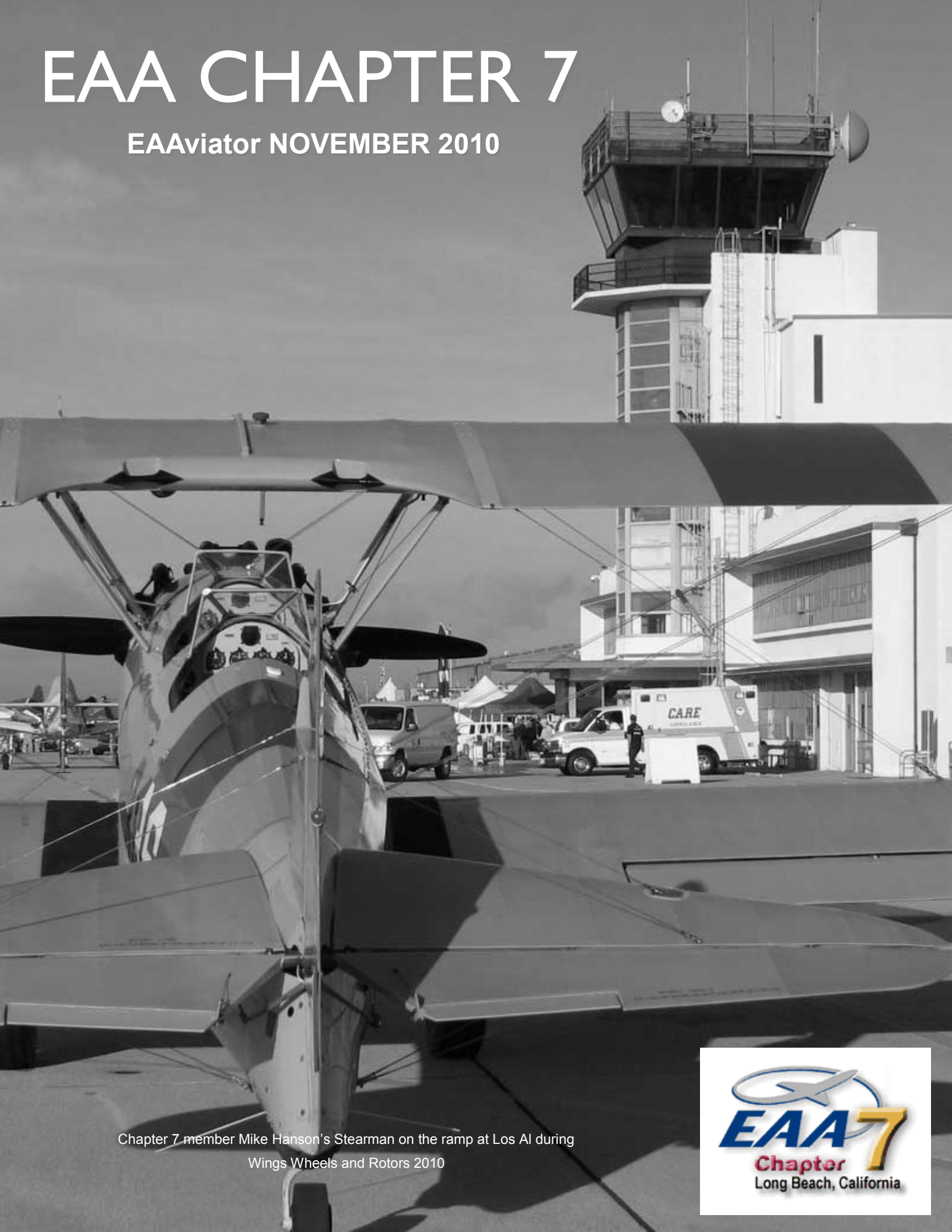


# EAA CHAPTER 7

EAAviator NOVEMBER 2010



Chapter 7 member Mike Hanson's Stearman on the ramp at Los AI during  
Wings Wheels and Rotors 2010



# EAAviator

EAA CHAPTER 7 ~ LONG BEACH, CA

[www.eaa7.org](http://www.eaa7.org)

November 2010

## WINGS WHEELS AND ROTORS 2010



### Chapter 7 Events

**NOV 11** 7:30pm  
**Chapter 7 Meeting**  
AirFlite LGB

**NOV 10-14**  
**AOPA Aviation Summit**  
LGB / Convention Ctr

**December 9** 7:30pm  
**Chapter 7 Christmas Party**  
AirFlite LGB

### November Program

**Mark Pestana**

Former EC-13 refueling pilot  
Current NASA Test Pilot



#### Inside this issue:

**Hanger Flyin'** page 3  
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**Flight Advisor** page 4  
**Meeting Minutes** page 7

#### Refreshments:

November Alex Culp  
December Christmas Party

### President's Message by Don Thompson

NOVEMBER BRINGS US TO THE LAST REGULAR MEETING OF THIS YEAR. WE WILL HAVE OUR CHAPTER OFFICER ELECTIONS AND MAKE PLANS FOR OUR DECEMBER PARTY. PLAN TO BE THERE AND BRING A FRIEND.

I WANT TO SAY "THANK YOU" TO ALL OUR MEMBERS AND FRIENDS WHO PARTICIPATED IN WWR OCTOBER 24TH. THE EVENT HAS GROWN YEAR AFTER YEAR WITH OUR CHAPTER STEPPING UP TO THE CHALLENGE IN EVERY WAY POSSIBLE.

YOUNG EAGLES COORDINATOR, HOLLY, DESERVES SPECIAL ACCOLADES GUIDING US WITH HER SPECIAL SPIRIT AND PRESERVERENCE TO A SUCCESSFUL OUTCOME ONCE AGAIN. CONSIDERING THE PERSONAL CHALLENGES SHE HAS AND IS FACING, HER DETERMINATION IS OUTSTANDING.

START THINKING ABOUT OUR DECEMBER PARTY AND A SMALL GIFT TO PARTICIPATE IN THE GIFT EXCHANGE. WE ALWAYS HAVE A GREAT TIME EATING AND TALKING. I ALSO MANAGE TO DO LESS SPEECH MAKING, THAT'S A PLUS.

*Don*

## Hangar Flyin' by Scott Walton, Ch. 7 VP

Our program for the November meeting will be a presentation by Mr. Mark Pestana. After retiring from the USAF as EC-13 (refueling) pilot, Mr. Pestana now works for NASA as a test pilot. Thanks John Mahany for getting Mark to speak for us.

I look at Halloween as the kickoff to the Holiday Season, which is my favorite time of the year. Now that Halloween has passed, most of us will be making our holiday plans. Who do we want to visit, or who do we hope to avoid? How many holiday parties will we attend? Which events will we devote our precious holiday time to? What church or religious celebrations will we involve ourselves in? God, Family, Celebration...It's all good!

As aviation enthusiasts, we have many unique opportunities to enjoy the holiday season. I love to fly over the huge SoCal suburbs on a clear night just before Christmas and look at the light displays. I always look forward to getting the AOPA Christmas Card samples in the mail. Even though I seldom buy the cards, I put the sample cards up around my cubicle at work. Free Christmas decorations, thanks AOPA!

Then there are the family flights. This year I hope to fly to us to Thanksgiving Dinner in San Francisco, landing in Novato. But I wonder: What will the weather hold? Will my son want to bring his giant dog? Will my other son bring his girlfriend? How much crap will we need to haul up there? Ah well, planning is half the fun for me, and I am still optimistically planning that it will happen. Even if we end up driving up there, it will still be Thanksgiving.

And of course, we all have the EAA Chapter 7 Holiday Party to look forward to on December 9<sup>th</sup>. Over the last several years, this has become one of the highlights of my holiday season. The food is great and plentiful, the decorations are beautiful, the gift exchange is a blast, you folks are all great to hang out with and on top of all that, we have it at our wonderful home airport. I am really looking forward to our next two meetings and "flying out" the rest of the year.

*Scott*



*Mark your calendar!*

**Chapter 7's next Young Eagles Rally is  
Tentatively scheduled for Early 2011!**

The Wings Wheels and Rotors event this past month was a great success for Chapter 7. We flew a total of 166 kids over the course of the day. We had a great turnout of pilots and volunteers. Thank you everyone for your help in making this event a great day! We are looking forward to the future Young Eagle events in 2011.

*Holly*



by John Mahany, 2007 Master CFI, Chapter

Greetings Chapter 7!

Those of us who flew Young Eagles on Sunday, October 24, at the Wings, Wheels and Rotors Exhibit, had a great time! Though the number of Young Eagles was lower than last year, with approximately 166 kids flown, it was still fun to do, and I had a great time.

We have a busy month here in Long Beach, as Long Beach plays host to the annual AOPA Summit, which starts on Nov. 11 and runs through the 13th. There will be a lot to see and not enough time to see it all...or so it seems.

Are you familiar with the new Apple iPad? Check it out at <http://www.apple.com/ipad/>

Last month at the Orange County Pilots Association Meeting, they had 2 people from Flight Guide Publications there, who were extolling the virtues and features found on their new software, which runs on the iPad. They explained that they will no longer be producing the paper bound version. It is becoming too expensive to produce.

It is really amazing to see what all it can do. It is going to eventually replace charts in the cockpit. It is a great EFB, or electronic flight bag. This is the direction technology is taking us, as you know. You will have your A/FD, along with current Sectional Charts, and both Low and High Altitude En Route charts all on the iPad, which uses a touch screen for access. It is really quite impressive. Another pilot who was there, sitting next to me, told me about another kind of flight planning software, called 'ForeFlight', which is flight planning software comparable to Flight Guide, but at a lower price. Go to <http://www.foreflight.com/> for more information on this.

For any who may not be able to do much flying, for any variety of reasons, there are many resources available online for you to use as a review, from time to time, or regularly. AVweb has their 'brainteasers', which are a series of quizzes designed to test your knowledge and understanding of any number of subject areas. There are over 100 of these now. You can find these at <http://www.avweb.com/brainteasers/>

The Air Safety Foundation has a growing number of online courses which also run the gamut, covering a number of topics. They are all interactive, and when you finish the quiz at the end, you can print out a certificate which counts towards your Wings Participation. You can find these at [http://www.aopa.org/asf/online\\_courses/](http://www.aopa.org/asf/online_courses/)

Fly safely,

*John*

## **WINGS, WHEELS AND ROTORS REPORT**

### **Los Alamitos Air Show**

By Stefan Steinberg

It was a beautiful October 24<sup>th</sup> Sunday morning after a week of rain and overcast skies for the annual Wings, Wheels and Rotors Airshow in Los Alamitos, ten minutes from my home in Huntington Beach. I was up at 5:45 checking weather because Los Al, KSLI, flight ops had told me I had to check in after getting airborne at 8 AM for my proper landing sequence. I had a secret 11 digit alpha numeric code I had to give them for proper identification. The arrival I chose, after careful study, was the eastern arrival following Katella Avenue from the east. How I would identify Katella Avenue from outside their controlled airspace to follow it was beyond me.

Lifting off Fullerton 10 minutes early, I asked the tower to leave their frequency as soon as possible to get Los Alamitos ATIS and contact their tower. When you lift off KFUL you are almost in the KSLI airspace. I guess most pilots don't get up early anymore to fly on Sunday, so the airport and frequency was mine. At 400 feet I switched to KSLI tower and gave them my N number - the weather was clear and I did not have time for ATIS - a nice ladies voice told me since I was the only one she was working, I was cleared for a straight in to runway 22R from the Fullerton pattern. All that great planning and studying .... However, I know that if I had not studied the procedure carefully and made lots of notes, she would have cleared me down Katella Avenue and seen I could not find it 5 miles east of the field.

It was a great show. Hundreds of cars were on display, many from my youth in the 50's, and some beautiful airplanes. The best part was taking those kids for rides and seeing their amazement when they got out and realized they actually flew an airplane. The smiles were wide and great. Most had never seen the Navy Weapons Depot, Long Beach, the Queen Mary, the Seal Beach Pier and the Huntington Beach Pier from the air. They loved it. It was a great day and we could not have done it without the very hard working volunteers.

I got to take lots of photos of everything and I hope you can see most of them.

***WINGS WHEELS AND ROTORS PICTURES CAN BE FOUND ON PAGE 9***

***ADDITIONAL WINGS WHEELS AND ROTORS PICTURES CAN BE FOUND  
AT***

***<http://gallery.me.com/timkojeff/100194>***

***Courtesy of Chapter 7 Member Jeff Timko***

## AOPA SUMMIT INFO

As a chapter 7 member I would like to extend a personal invitation to you and fellow chapter members to visit our booth (#1429) at the AOPA summit in Long Beach. On static display is our advanced technology business aircraft RT-700. We are located near the Cirrus Exhibit.

I look forward to seeing you all.

Best regards,

**Dr. Ravi Tripuraneni President/CEO Aviation Technologies Intl.**

## AirShow/Fly-In Events



For complete So. Cal Air Show and aviation events [click here](#)

### Monthly Events in So. Calif.

<a href="#">Palm Springs Air Museum</a> , Palm Springs CA	Every Sat PM, museum aircraft flown regularly
Chino <a href="#">Planes Of Fame</a> Open House, Chino CA	1st Saturday, 3rd Sunday, west of Cal Aero Dr.
Agua Dulce Airpark, Agua Dulce CA	1st Saturday, and 3rd Sunday
Santa Paula Open House, Santa Paula CA	1st Sunday <a href="#">Aviation Museum of Santa Paula</a>
Apple Valley Open House, Apple Valley CA	2nd Sunday, Antique/classic static
Brown Field Fly-In San Diego CA	2nd Sunday <a href="#">San Diego Flight Museum</a>
Whiteman AP Open House San Fernando CA	2nd Sunday <a href="#">Whiteman Airport Association</a>
Corona Airport, Corona CA	2nd Sunday Antique Aircraft Display/Fly-In
Fullerton Airport Fly-In Fullerton CA	2nd Sunday
Brackett AP Open House, LaVerne CA	3rd Sunday
Zamperini AP Open House, Torrance CA	4th Sunday
El Monte AP Classics Display El Monte CA	Last Sunday/Month

**Secretary Notes** by Merv Meyer, Chapter 7 Secretary**BOARD MEETING 10/14/10**

Present were Don Thompson, Chapter 7 President, Scott Walton, Vice President, George McDaniel, Treasurer, Merv Meyer, Secretary, Holly Richards, Young Eagles Coordinator, Tom Griffith, membership Coordinator and Mike Hanson.

Don told the Board that Kim Proctor, the vendor, that the new chapter T-shirts with the reduction to three colors, will cost only \$4.50 each. He will order one dozen of the EAA calendars for 2011.

Don said that there was no reason to assign different food to members for the potluck Christmas dinner at the members meeting in December. He said that members can just bring their favorite dessert.

Holly Richards reminded members of the Young Eagles event at the Wing, Wheels and Rotors show at Los Alamitos on Sunday, October 24. Holly has 19 slots for Young Eagles pilots. Don added 4 more. An additional should be added for Martin Burnham, a pilot from Chapter 96.

Mike Hanson commented on the time-consuming briefing of pilots before the Young Eagles event at Los Alamitos. Don said that the briefing will be shorter this year, and that more printed information will be available. Don turned over pilot certifications (DD2400) to Holly. Holly presented the food menu and the bill for food utensils for payment. Holly brought up the possibility of pilots based at El Monte Airport flying Young Eagles out of El Monte and Long Beach Airport. Holly said that it is necessary to set up a separate tent for kids waiting for a Young Eagles flight. George McDaniel has a trailer to bring in supplies. Setting up a Young Eagles event at the AOPA meeting at Long Beach Airport in November was discussed. Holly is in contact with two Boy Scout troops for the Young Eagles event at Los Alamitos.

**MEMBERS MEETING 10/14/10**

Attendance: 39

Don Thompson, Chapter President, led members in the Pledge of Allegiance to the Flag.

**OLD BUSINESS**

George McDaniel, Chapter Treasurer, gave his report. The report was approved by voice vote.

DVD's, videotapes, books and manuals are available for check-out at a table near the officers' table.

**NEW BUSINESS**

Guests were introduced:

RICHARD WHITESIDE is retired from the Los Angeles County Sheriff's Department. He was a helicopter pilot/police officer. He is now a sailplane pilot.

BOB MORENO and his father JOHN MORENO

Don Thompson told members that now is the time for nominations for chapter officers. Elections will be held during the November meeting.

Don has ordered two dozen more caps with the Chapter 7 logo.

Holly Richards, Young Eagles Coordinator, needs more ground crew for the Young Eagles event being held during Wings, Wheels and Rotors at Los Alamitos on October 24. Holly said that there are only three more slots for Young Eagles pilots. She anticipates that in five hours at least 200 kids, flown by 24 pilots, will become Young Eagles. Holly asked volunteers to show up at Los Alamitos no later than 7:30 AM on Sunday, October 24. Holly said that a Young Eagles event is being planned for the AOPA event at Long Beach Airport in November.

Tom Griffith, Membership Coordinator, told the members that badges were on the officers' table to be claimed by members. Tom recently passed the FAA medical exam and now has his pilot's license back.

Tom Sutfin recommended the air museum at Torrance Airport to members. This museum has the Northrop YF23 prototype which lost out to the YF22 in the competition for the ultimate fighter. George McDaniel recommended the air museum at Santa Monica Airport. The airport also has a good restaurant.

Alex Culp attended the Edwards Air Force Base fly-in. The gathering was held on Rosamond Dry Lake, south of the Edwards runway complex. Spectators were accommodated by a large tent. Owners of 2,000 warbirds applied for entry; 100 warbirds were accepted. Alex saw an F35 there. She said that the organizers want to hold a fly-in again.

Nick Walton, son of Vice President Scott Walton, is in his junior year at Embry-Riddle Air University, Prescott, Arizona. Three hours per week he has a class administered by the Air Force.

**SECRETARY NOTES CONTINUED ON NEXT PAGE**

**PROGRAM**

Ron Hodge introduced sailplane pilot and aerobat and historian **Dan Ryan**.

Dan has designed two gliders, the single seater DR107 and the tandem two seater DR109, in 1996.

Dan's focus for this presentation is the German sailplane manufacturer founded by Alexander Schleicher 80 years ago. Most glider and sailplane activity then was in a region of western Germany called Wasserkuppe (Water Cup). This is a region surrounded by the Rhons hills. In the late Thirties many Luftwaffe pilots got their primary training in gliders and sailplanes.

At first sailplanes had extremely long, high aspect ratio wings. Then after World War II the Standard Class was introduced. In the Standard Class wing-span was limited to 15 meters (49 feet). The first successful designer of Standard Class sailplanes was Rudy Kaiser. He designed the Ka6. Over 2000 Ka6 sailplanes were built.

In 1964 Schleicher hired Gerhard Waibel to be his chief designer. From this time on company sailplanes had the ASW designation.

The ASW 12 first flew in 1965. Fifteen were built. One of these flew 1400 km (900 mi) from Germany to Spain.

The ASW 15 was the first all-composite sailplane built to the Standard Class. This was also the first to have wing spoilers. 453 were built. Later on the balsa wood in the core of the wing and the fuselage was replaced by foam. Balsa develops fungus.

52 ASW 17 were built. Wing aspect ration was 27:1.

The ASW 19 first flew in 1975. 425 were built.

The ASW 20 first flew in 1977. This is the most popular model built. It is the model which has set the most records. 905 have been built. The Lift/Drag ratio is 41.7:1. This model has flaps, and the flaps and ailerons work together. There are variants. Some have winglets. These provide more lift, getting around the 15 meter span limit. Some have ballistic chutes. There is one variant which is heavier, built for wind conditions in the United States South-west. There is a variant with variable geometry flaps.

In thirteen years of sailplane competition 97 out of 274 entrants have been the Schleicher ASW20. The ASW holds 13 world records.

There is a PSR retractable jet turbine to assist winch take-off. This is a small jet pod which is called a sustainer because it is not powerful enough to make the sailplane climb, but will enable the sailplane to sustain level flight if a thermal is lost.

An on-line sailplane competition is held, using a website log aboard the sailplane. Gerhard Waibel won the OSTIV safety prize twice. One award was for his design to cause the parts of the fuselage to expand away from the pilot in case of impact. In 2003 Gerhard Waibel retired.

At an AWS20 gathering in the States on September 5 14 AWS20's showed up.

Redline for an AWS20 is 140 mph.

Dan Ryan owns a sailplane based at the California City Airport, east of the Sierra Nevada Mountains. He described using thermals and mountain lift to sustain flight. He has been up to 25,000 feet with oxygen. At extreme altitude the pilot encounters intense cold and sometimes, if the canopy frosts over, loss of visibility.

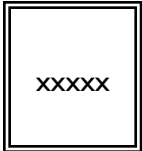


# WINGS WHEELS AND ROTORS 2010





EAAviator  
NOVEMBER 2010



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**E.A.A. Chapter 7 meetings:**

2nd Thursday of each month

Board Meeting 6:00 pm

General Meeting 7:30 pm

Location: AirFlite (west side of LGB, south of Wardlow Rd.)

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Long Beach, CA 90807  
(800) 241-3548

Website: [www.eaa7.org](http://www.eaa7.org)

**EAA Chapter 7 Non-Profit Declaration and Legal Disclaimer**

EAA Chapter Seven exists as a non-profit organization whose sole purpose is to promote the interests of its members. EAA Chapter Officers, Directors and Leaders serve without compensation and have sworn to carry out the will of the membership by means of Democratic processes and rules of order set forth in the Chapter's by-laws. No claim is made and no liability is assumed, expressed or implied as to the accuracy or safety of material presented in this publication. Viewpoints of those who contribute to this newsletter are not necessarily those of EAA Chapter 7, the EAA, or their board members. You must be of good character, adhere to the chapter's by-laws, and respect the chapter's Mission and Value Statement to become a member of the chapter. Dues are \$12.00 per year payable to Chapter Treasurer. Chapter dues are payable at the first meeting of the calendar year. New members joining after the first month are prorated at \$1.00 per month through December of the calendar year. Member correspondence and newsletter contributions are encouraged to be submitted by mail to the address appearing on page 10 or e-mail the newsletter editor. The deadline for submissions is the last Wednesday of each month.