



The Intrepid Airmen



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May Event:

Andy Werback and his new Steen Skybolt

Andy Werback is giving a presentation on his Steen Skybolt, which is flying out of Hollister airport. Andy will provide us with details of its construction and an update on the mysterious oil temperature problem he has been encountering while flying off the required 40 hours.

UPCOMING EVENTS

May Chapter Meeting

May 4. Andy Werback, unrepentent airplane builder, Terminal Building

Chapter 62 Board Meeting

May 11 at 7:30 PM in the Terminal Building, all welcome.

May 19, Practical Aircraft Design Class. Chapter member Martin Hollmann, Monterey

May 19, Young Eagles Event, South County Airport Day

Harris Ranch Fly-Out

- date to be determined

May 19 Fly-Out

- Santa Paula (KSZP)

June Chapter Meeting

June 7. We will be having a Rusty and Randy-prepared dinner at Mark Wainwright's house in Los Gatos, where he may pull out some dusty Falco bits.



Sam and Andy with their penultimate airplane



The latest creation

EAA Chapter 62's April meeting will be held at the RHV Terminal Building

Everyone is welcome, and please bring friends

6:30 PM General Meeting
7:30 PM Presentation

President's Letter, by Konstantin Blank

Our April general meeting guest speaker was Dr. Tiffany Davies, who gave an excellent presentation about medical renewals and associated issues.

From first-hand experience (I renewed my class 3 medical with her) she is very knowledgeable and professional in her work. It also helps that she has a very convenient location in Los Gatos.

On April 21st, we had three airplanes that flew out to the Calaveras airport fly-in. A week later, we had a very successful Young Eagles event. Thanks to Russ Todd for being the organizer and all pilots and ground support! Unfortunately, I was not able to be there due to a business trip but I hope to attend the next one.

Our upcoming May 3rd speaker is Andy Werback who will talk about and show pictures of his Steen Skybolt! Make sure to attend!

On May 19, we have a Young Eagles event at South County. Its very busy so all pilots are encouraged to show up to give rides!

Also, if you haven't paid the annual dues, please do. Its money well spent :-)

-Konstantin



Quickie

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Rusty's Seawind Engine by Mark Wainwright

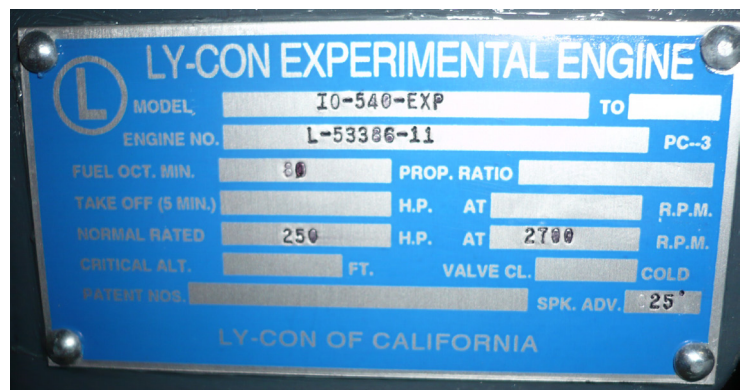
Rusty Wells recently received his rebuilt IO-540 engine from Lycon engineering in Visalia California. Rusty's engine is unusual in that Lycon installed forged, low-compression pistons, which will allow him to add a supercharger to the powerpack on his Seawind. The dyno test results that Lycon



provided Rusty show that the engine in its current configuration produced 300 hp at 2759 RPM—a very high number for an IO-540, even compared to similar engines with normal or high-compression pistons. Rusty's set-up will produce manifold pressures up to 38 inches, which he estimates will generate up to 400 hp for takeoff.

Another challenge Rusty faces is how to kick the MT prop into reverse pitch. The factory tells him that a minimum RPM is necessary to provide the oil pressure – about 1000 RPM – but Rusty intends to change the pitch at slower engine speeds for water operations. He will install a hand pump to provide the necessary oil pressure through the crankshaft to the prop.

Aero Supercharger Solutions of North Las Vegas, Rusty's vendor, has been building supercharger systems for high performance aircraft since 2001. Rusty intends to move the entire tail assembly down to Nevada so that the company can mount the engine/ supercharger unit onto the engine mount on the Seawind's tail.



Builder's placard



Where the engine's headed

Membership Notes by Donald Von Raesfeld, Jr.

Membership Chairman
408-507-0951

On April 5th our monthly meeting was once again held in the RHV airport terminal building. Vice President, Mark Wainwright, opened the meeting around 7:55 PM. Chapter business included a short discussion of two Fly Outs on April 21. The originally scheduled Fly Outs were to Harris Ranch or Calaveras County. It was later decided to hold the Harris Ranch Fly Out in May and go to the Calaveras County FLY IN. VP Mark Wainwright also mentioned the chapter's first 2012 Young Eagles event on April 28th.



Dr. Tiffany Davies

Mark Wainwright then introduced our guest speaker, Dr. Tiffany Davies. Dr. Davies graduated from UCLA Medical School and is board certified in family practice. She is also an AME and serves the local pilot population from her office in Los Gatos. Dr. Davies' main emphasis in her talk was the proper preparation for the physical. This included updating the online application with current medications, chronic medical problems or surgeries since your last medical. She also reminded us that AOPA has a list of allowed medications on their website. And last but not least remember, to bring the required completed paperwork for any specific conditions that must be noted on the application. Dr. Davies also stressed that the AME is your friend and is there to help you.

During her presentation she provided a list of medications that might cause a deferral, common medical problems that can be addressed with information, common medical problems that require special issuance, and deferral expectations. She described the symptoms of hypertension and diabetes and their affect on pilots. This was

followed by a question-and-answer session. Mark Wainwright then presented Dr. Davies with one of our chapter caps. Dr. Davies' presentation was very informative and I would like to thank her for her time.

MEMBERSHIP RENEWALS

Membership can be renewed online or by sending a check for \$30.00 made out to EAA Chapter 62. Checks can be sent to me or brought to the General Meeting. As of April 20, 2012 we have 37 paid members. I would once again like to thank all of you who have renewed to date and hope that the rest of our 2011 members will renew soon.

CAPS AND SHIRTS

The chapter now has T-shirts and caps available at all of our general meetings for \$15 each. See me if you are interested in purchasing a shirt or cap.

YOUNG EAGLES

The Chapter's 2nd YOUNG EAGLE event will be held on May 19th at the Wings of History Open House at South County Airport. As always, we need volunteer pilots and ground crew. Contact our Young Eagles Coordinator, Russ Todd, if you can help out.

(cont' on page 5)

FLY OUT

The Harris Ranch Fly Out originally scheduled for last month has been changed to this month. Date is still to be determined. If you are interested in attending Contact President Konstantin Blank. Details will be available on the Chapters website and an e-mail will also be sent out.

One Day, PRACTICAL AIRCRAFT AND FINITE ELEMENT ANALYSIS CLASS DESIGN CLASS

by Martin Hollman

There is still time to sign up for this class. If you know anyone who would be interested in this class please pass this information on to them.

Date and time: One day, Saturday, May 19. 9 AM to 5 PM

Place: 5 Harris Ct. Bldg S, Monterey, CA. Telephone: 831-621-8760

Latest aircraft design technology, materials, and computer programs will be discussed. Each participant will have the opportunity to work on a computer and learn to use the design programs. These programs include performance, c.g., a.c., stability calculations, V-n diagram, wing sizing, fuselage plot, fuselage loads. All programs run on a PC using Windows XP. Each student will receive a copy of all aircraft design programs and a NASA finite element analysis program capable of handling up to 1,000 DOF.

Advance Registration:

Due to limited size, advanced registration is required. Registration at the door will not be accepted. Sign up now! Registration fee: \$340 includes all computer programs.

ARCHIE MALTBIE

Many of you attended our February meeting where Archie Maltbie was our guest speaker. I received an email from Nick Hawkins who videotaped a presentation given by Archie on January 28, 2010 at the Golden Gate Wing of the Commemorative Air Force.

Here are seven video clips of him describing his memories of his WWII experience.

Clip 1 - Introduction of Archie "Lin" Maltbie
http://www.dailymotion.com/video/xco097_maltbie-ch1_people

Clip 2 - Family Introductions, Post-Flight Training, Transition to P-47, Across The Atlantic
http://www.dailymotion.com/video/xco0d0_maltbie-ch2_people

Clip 3 - England, "How to Bail Out!", D-Day, Battle of Normandy
http://www.dailymotion.com/video/xco13m_maltbie-ch3_people

Clip 4 - First Dog-Fight, Bailout, Avoid Capture
http://www.dailymotion.com/video/xco1vt_maltbie-ch4_people

Clip 5 - French Resistance False "ID", Safe House, Displaced Person, Escape II, "I don't want to go home!", "Are You Crazy?", Motorcycles and Fords and Silk Maps
http://www.dailymotion.com/video/xco908_maltbie-ch5_people



Clip 6 - Battle of the Bulge. Metz- Big Surprise!, Aachen, 2nd Kill over Remagen, Operation Varsity, Riesa Ammunition Dump, Flying Bathtubs, Conclusion

http://www.dailymotion.com/video/xcogpv_maltbie-ch6_people

Clip 7 - Questions: Golf, Rolande and Madam Barbet, Germans for Breakfast, Return to Theater of Operations, Spotters. Lin's Pistol, High Velocity Rockets, P-47 Accompany Bombers, P-47 vs. P-51, Flak,

http://www.dailymotion.com/video/xcokla_maltbie-ch7_people

JUNE MEETING

Our June meeting will be held at Mark Wainwright's home in Los Gatos. Mark may be talking about his Falco project.

Donald Von Raesfeld, Jr.



Another P-47



"Go-fast" plenum mounted on an IO-540

Don Von Raesfeld
Membership Chairman
930 Monroe Street
Santa Clara, CA 95050

Address Label is **RED**,
time to pay your dues.



MEMBERSHIP APPLICATION

Name _____ National EAA #. _____

Address _____ City _____ State _____
Zip _____

Phone _____ Email: _____

National Membership Required www.eaa.org \$40.00 per year
EAA Chapter 62 www.eaa62.org \$30.00 per year PayPal Available
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