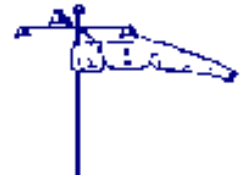


The Static Line



News and Views of EAA Chapter 538

Volume 30, Number 6

June 2005

Come See This Plane!



At our next chapter meeting, we will meet at Jim Moss's hangar where we will have the opportunity to see this Senior AeroSport and hear from the man who built it, Wally Chapin. See inside for more details and directions to Jim's hangar.

EAA Chapter 538

2005 Officers & Staff

Acting President	Dave Barnhart 623-931-6605
Vice President	Dave Barnhart 623-931-6605
Secretary	Dave Biddle 602-265-1172
Treasurer	Don Ridder 602-942-5934
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Newsletter Editor	Tina Christie 623-535-1647 tinac@dancris.com

The Roy Castle Chapter of the Experimental Aircraft Association publishes the Static Line monthly (except July, August & September, which may be combined).

Unsolicited submissions are welcome.

Please send photos, art, articles, letters, calendar events, or classified ads to the Editor at the return address listed on the mailing label portion of this newsletter.

Articles and ads may be submitted on paper, Windows or MS-DOS 3.5" floppy diskettes (MS Word, RTF or text only, please). Photos and artwork may be submitted on paper or by floppy diskette and will be returned upon request. Submissions by telephone or e-mail are accepted for ads, short articles, and calendar events.

Classified ads are free to all members of EAA Chapters. Ads should generally be aviation-related or of interest to aviators or chapter members.

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Treasurer's Report

04/21/05

submitted by Don Ridder

Beginning Account Balance: \$ 5815.35

Income:	
2005 Dues	\$ 50.00
Raffle	\$ 12.00

Total Income: \$ 62.00

Expenses:	
Newsletter	\$ 12.45
Room Rent	\$ 15.00

Total Expenses: \$ 27.45

Ending Account Balance: \$ 5849.50

Note: 53 members for 2005 paid to date.

Calendar of Events

Some events are tentative. **PLEASE CALL AHEAD TO ENSURE AN EVENT IS TAKING PLACE.**

June 2005

11: Show Low, AZ – Fly-In Breakfast, Show Low Regional (SOW). Information: LeRoy Castle 928-537-4990.

25-26: Valle, AZ – High County Warbird Fly-In. Information: 909-597-372 or planesoffame.org.

July 2005

25-31: Oshkosh, WI – EAA AirVenture Oshkosh 2005, Wittman Regional Airport OSH. Information: Dick Knapinski 920-426-4800, webmaster@eaa.org, <http://www.airventure.org>.

Secretary's Report

submitted by Dave Biddle

May 10, 2005 meeting.

The **Secretary Report** for the March meeting was given. The **Treasurer Report** was given.

Tech Counselor Report: Be sure the mechanical installation of avionics and electrical equipment is sufficient to support the anticipated loads.

Young Eagles Report: International Young Eagles day is June 11th. Next Young Eagles scheduled for May 21 at Glendale Airport. Proposed future Young Eagles dates: October 22, November 19th. Contact: Cheri McGunagle and Jim Moss.

Old Business: Don't forget to check the Chapter Website for newsletters and updates on meetings. See: <http://www.eaa538.org>. Yahoo group created for Chapter members to communicate with each other- <http://groups.yahoo.com/group/ea538>.

New Business: Deer Valley terminal building second floor conference room is available for our meetings. We will meet there September and October and decide whether or not to keep on meeting there. Current meeting room at Deer Valley Community Center rules to change requiring vacating the room by 8:30.

Program:

Planning of the meeting activities for the rest of the year. June 4th will be at Jim Moss's hangar. No meeting July or August. September 13th at DVT conference room DVT traffic manager, October 11th Copperstate wrapup and Young Eagles kickoff, November 5th Bob Brock Lancair, December 3rd Potluck. at GEU.

Wally Chapin & His Senior AeroSport

submitted by Jim Moss

PJ-290 N321WC was scratch built from plans by Wally Chapin, USN retired and JAL retired. He started this project in 1969 while living in Tokyo Japan, did most of the construction while living in Anchorage Alaska in his beautiful log cabin garage/workshop/machine shop, and final assembly and first flight was done in Glide Oregon 1997.

Wally is 86 years old now, and no longer flying, so I get the honor of flying & maintaining his airplane. He has recently moved to Phoenix with his lovely wife of 38 years, Chiseko. She has recently retired from Air France, was the Asst Station Mgr at San Francisco Int'l (SFO). Their two grown daughters live here in the valley. This has been the plan all along, to move the airplane down here first (and let me take care of it) and then eventually move after Chiseko retires.

Here's a photo of Jim Moss piloting the Senior AeroSport. Looks like fun!!!



STATISTICS

Empty weight 1888 lbs

Gross weight 2500 lbs

Wing surface area 185 sq ft

Wing span 21' 8"

Height 6' 4"

Length 18' 3"

Fuselage construction material Steel tube. Aluminum skin covering the cockpit and fabric aft of the cockpit.

Fuel capacity 4 X 15 gallon tanks = 60 gallons

Oil capacity 12 qts

Engine type Lycoming IO-540G1C5

Horse power 290 HP @ 2575 RPM

Power system 12v 35amp

Propeller type Hartzell HC-C2YK4BF

Propeller size 86" diameter

Roll rate approx 180 degrees per second

Vintage Project began in 1969, completed in 1997. Scratch built from plans, designed by Nick D'Apuzzo

Top speed 200 MPH IAS Vne

Landing speed 70 MPH IAS

Stall speed 40 MPH IAS

Climb rate 2000 FPM

Maximum G limits +9, -6

Young Eagles' Report

submitted by Cheri McGunagle

On May 21, 2005, Chapter 538 held a Rally at the Glendale Regional Airport. We chose this date as the final one of the school year because we have most of our students coming from the local Junior ROTC classes at nearby high schools and it was Armed Forces Day.

We ended up having 5 aircraft and 10 ground crew, which was just fine, but we only had 22 Young Eagles. As it turned out that was just fine too, as the temperatures that day rose above 100 degrees and the flying time was limited. We chose to stop a bit earlier than we usually do. The highlight was, as usual, the flying, but we were excited to have one of our members bring his equipment to have a rib making, hands-on, demo. It was very educational and another way to introduce the wonders and opportunities of flight.

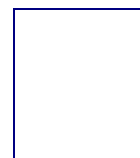
We also were happy to have 2 new contacts come to our event. They are looking forward to our next Rally on October 22, 2005, Make A Difference Day.

Why the First Officer Does the Walkaround...



Photos from m90.org
submitted by Jim Buchanan

Newsletter Editor
EAA Chapter 538
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Litchfield Park AZ 85340



ADDRESS CORRECTION REQUESTED



**Roy Castle EAA
Chapter 538**

It's Time for a Project Meeting!
Come see a Senior AeroSport at
Jim Moss's Hangar at Deer Valley

**Saturday, June 4, 2005
8:00 AM**

See inside for a write-up about this very special plane and its builder.

Jim's hangar is number 6-7, located on the southwest portion of the airport, near the Westwind parking. Go into the main entrance, turn left and park in the CAP Wing parking. Follow the signs from there.