

January 2005 Volume 47 Issue 2 On the Web:

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PHOTOS CONTRIBUTED BY N.

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WARNER, J. FEIGHNY,

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2005 — Builders, Restorers

My goal with the second issue of the news letter is to get some information out about the chapter builders and restorers. The aim is to not only high light the level of expertise within the Chapter, but also to give those who are contemplating a build or restoration project some contacts. My personal experience in the endeavor of doing restoration work on my Stinson and deciding to build a COZY has been very positive, largely as a result of the associations formed in Chapter 35.

I visited two builders during January. One a highly experienced RV builder and the other, a very busy local Minister, who is make slow, but meticulous progress on an composite aircraft. We have also formed a COZY builders

Jim

5

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group, Steve Carlson has some words about that in the Prez's column...

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Visit with Steve

Formhals, RV-8 builder, on January 16th, 2005. Steve, is building RV-8 components at home in his well organize ship/garage. Normal selection of tools with notable exception of a 3 out of 1 compressed air

connection I had never seen.

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ED SEURER

4514 WALZEM SAN ANTONIO, TEXAS 78218-2044 His kit is a twice previously owned quick-build that had not seen much action in the past. Steve has made good progress; his schedule is 2 hours, everyday...every day means progress. He has a hangar at Bourne-Stage for storing completed components, and the next project.

CONTINUED PAGE 2

Runway 35 OFFICIAL NEWSLETTER OF EAA CHAPTER 35 - SAN ANTONIO, TEXAS

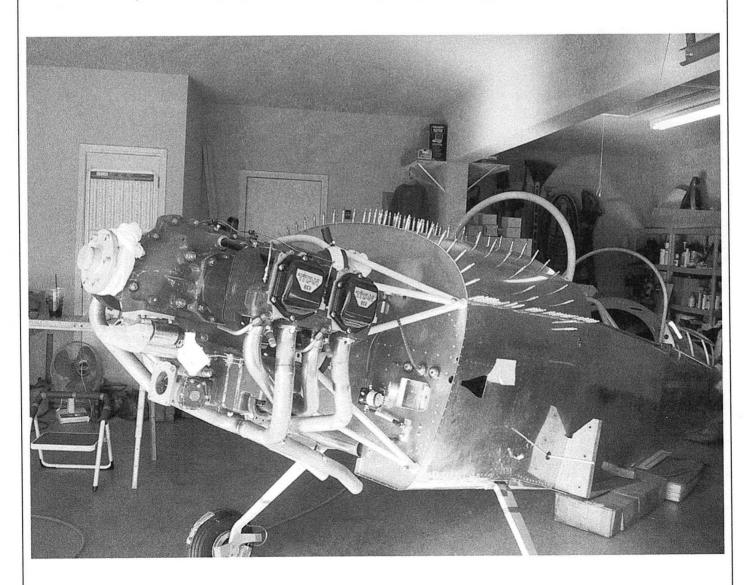
STEVE FORMHAL

Steve has build two airplanes previously, an RV -6 and a Smith mini plane, so his skills are quite well honed. Notable on the RV -8 is the decision to go all electric with Blue Mountain EFIS, engine monitor and performance instruments. A small backup alternator, battery and ability to separate out essential and support busses as well as component battery backups insure redundancy.

Steve has gone with the locally manufactured ECI builder engine kit. He said the project was not too hard, he has topped one and overhauled another engine, and support from his supplier and ECI has been very good. When all is said and done, he plans to get 180 HP out to the constant speed prop.

Steve has stuck very close to the plans, and he noted that the few deviations he did make had that inevitable domino effect down stream on the rest of the project.

If you are considering an RV—visit Steve as he has plenty of experience and knows many short-cuts and techniques for keeping the project on line, time, and budget.



Runway 35 OFFICIAL NEWSLETTER OF EAA CHAPTER 35 - SAN ANTONIO, TEXAS

CHAPTER NEWS

Lew To The Rescue

Our beautiful chapter club house was rented to a member for a private party during the Holiday season, and after an all-day preparation, the evening feast was about to be served. Whoa! The hot water pop-off valve decides to malfunction and spew water covering the floor of the storage room, definitely putting a damper on the festivities.

And as always, Mr. Fixit, Lew Mason arrives to save the day—vacuuming the water up and moving out the perishables. Lew, Nancy, and the Betty Day family soon made the storage area cleaner than ever before, and by the next day, Lew had installed a new valve, and plumbed it to overflow outside the building, in case it ever malfunctions again.

Thanks, Lew—the chapter couldn't have a better friend and member!



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NOT ONLY A GOOD NEWSLETTER EDITOR BUT A GREAT PILOT TOO!!!

BY SKIP BARCHELD

LAST MONDAY JIM FEIGHNY FLEW HIS STINSON OVER TO HONDO TO MEET ME AND THEN PROCEED TO FLY TO NEW BRAUNSFELS. WE LOADED MY LONG EZE WITH ME IN FRONT AND JIM IN THE REAR. IN FRONT I HAD MY GARMIN 295 AND IN THE REAR, JIM HAD HIS GARMIN 196. THE DIFFERENCE BETWEEN THE TWO IS THAT THE 196 IS BLACK AND WHITE AND THE 296 IS COLOR.

AFTER WE WERE BELTED IN WE BOTH SET OUR

GPS'S ON A COURSE DIRECT SAT VOR AND THEN DIRECT NEW BRAUNFELS. THEN WE BOTH FLIPPED TO THE PAGE OF INSTRU-MENTS. THERE ARE FIVE INSTRUMENTS IN THIS PAGE, AN ALTIMETER, A GROUND SPEED INDICATOR, A TURN AND BANK, A RATE OF CLIMB AND AN HSI. WE AGREED THAT JIM WOULD FLY THE AIRPLANE USING THOSE IN-STRUMENT IN THE GPS. THE ONLY HELP THAT I WOULD GIVE HIM WAS TO KEEP THE LONG GOING STRAIGHT DOWN THE RUNWAY UNTIL WE BECAME AIRBORNE. USING ONLY THOSE INSTRUMENTS, JIM TOOK OF, CLIMBED OUT, LEVELLED OFF, FLEW THE EXACT COURSE, EN-TERED THE PATTERN AT NEW BRAUNSFELS AND FLEW THE PATTERN AROUND TO FINAL. AT ABOUT 100 FEET, JIM COULD NO LONGER SEE THE RUNWAY FROM THE BACK SEAT SO I HAD TO TAKE OVER AND COMPLETE THE LANDING. WERE JIM ABLE TO SEE THE RUN-WAY, I FEEL CONFIDENT THAT HE WOULD HAVE BEEN ABLE TO COMPILER THE LANDING HIMSELF. WE DID THE SAME THING ON THE WAY BACK TO HONDO, EVEN FLYING THE GPS17L APPROACH INTO HONDO.

FOR SOMEONE THAT HAD NEVER FLOWN A LONG EZE BEFORE, HE DID EXCEPTIONALLY WELL. I NEVER HAD TO TAKE OVER THE CONTROLS NOW WE JUST HAVE TO WAIL UNTIL JIM FINISHES HIS COZY AND HE GET IT INTO THE AIR. HE ALREADY KNOWS HOW TO FLY IT.

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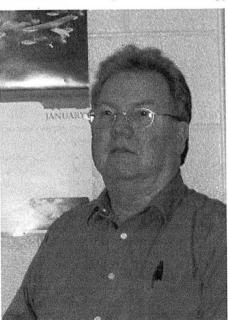
NEW MEMBERS

Jo Jenkins of the Pleasanton area is one of the new chapter members. Jo has been a very active businesswoman, and is also a near-professional event planner and manager. In fact, she has agreed to chair our May picnic!

Jo recently published her aviator father's autobiography, which is a fascinating story of his service as an infantry soldier in WWI, and as a flyer in WWII.



Clarence Smith, is the technology instructor at War-



ren High School. In Clarence's lab. interested students stay after school to build the Ultralite "Dream Maker". Assisted by other chapter members four afternoons each week, progress is being made on this project funded by chapter member Al Almond. Clarence is seriously consider-

ing the "Koala" as a project for himself. In addition, Clarence has accepted the responsibility of presenting qualified candidates for the Oshkosh-based Air Academy Summer Camp to the chapter's board of directors. Clarence invites chapter members who know of a quality candidate (ages 12 to 17) to contact him – 210.698.3061. **Jay Watts** joined the chapter in January. He has a strong interest in Unmanned Aerial Vehicles (UAF's) and is also a confirmed member of the chapter's radio control flyers.

Oakman Hurd from Converse is a new chapter member who joined via the internet. He is a retired Senior Army Aviator with all of the ratings and experience that that entails. Oakman is a volunteer at the Vintage Aviation Historical Foundation, where he is currently working on their DR-1 (sounds like great fun!). He is also seriously looking at the Pietenpol as a project.

First time visitor **Dan Parsons** (a prospective new member) and his friend Dottie White were introduced at our January meeting. Dan's days in EAA go back to the earliest organized homebuilding in Austin, where he was a close friend of SWRFI founder, Tony Bingelis.

Gary Blanscet of Boerne joined the chapter in December. Gary is warmly welcomed by the Cozy builders of the chapter, as his Cozy MK IV is well underway.



From the President's Desk

By Steve Carlson



Cozy group

We had the second Cozy Group meeting otherwise known as the running of the bull on Saturday, 22 January. We met at Chester's and seem to have

established the habit of gathering at a local eatery close to our intended target, then caravanning to the project to be visited. This month's target was my own project hangar (garage). There was an excellent turn out with a great mix of experience levels. From just reviewing plans to flying articles, all were there. This mix is key to making the group work. We had a good discussion on engine cooling and inlet ducts. I have some information on the early NACA inlet duct development indicating that these ducts were developed for early jet engine inlets, and includes cautions against using these ducts for situations requiring large inlet velocity ratios such as oil coolers, radiators and carbureted engine inlets. This subject was discussed in Flying Magazine last September in an article called "The Scoop on the NACA Scoop" by Peter Garrison. I am considering changing to cheek inlets on my project. I believe they can be made smaller with higher pressures and less drag. The subject then turned to cooling plenums and good design practices for putting that cooling flow to work. To that end, our next Cozy group meeting will be at New Braunfels Airport to visit a Velocity that has a nice (tight) plenum design.

Chapter Direction

The board has approved the rental of a new hangar for the chapter. The new hangar will be built by the San Geronimo Airpark association and will be just across the parking lot from the chapter house. The hangar will house our growing tool crib and will have room for member projects as well. The hangar is forecast to be completed by September. If you are a chapter member with a project and would like to get some space in the hangar, we anticipate a charge of \$100 per month. It would be good to get

a feel for the size of the demand for space as soon as possible. **Ed Seurer** has volunteered to be the hangar manager. With his help we will have more specific operating rules put together for the hangar soon. There is a good set of baseline hangar rules on the EAA chapter resources, reference papers website at

http://www.eaa.org/chapters/resources/reference/Reference%20Papers,%20A%20Primer%20on%20Chapter%20Hangars.html#TopOfPage

with particular attention to the section starting at "Utilization of Chapter Facilities and Equipment" and "Hangar Policy".

Air Academy

Clarence Smith has volunteered to chair the Air Academy selection process. If you know of a deserving young person that would make a good candidate for this program, please contact Clarence at 771-4111. The selection will be made in March.

SWRFI Volunteers

Lemonade Stand volunteer is **Doug Aspey**. Sign up with him by calling 479-8593. The Tram service will be managed by Alex Roca at 495-4381

Picnic

Our picnic chairman is new member Jo Jenkins and a more enthusiastic, organized, volunteer I have never seen. This picnic will be a barn burner for sure. She will need lots of help to keep it together so get with her soon. She will need money takers, food cookers, flying and ground safety, the usual cast of characters. Multiple volunteers for each area will allow for some relief duty.

These fine people are the backbone of Team 35. Let's all lend them a hand.

Steve

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CHAPTER OFFICERS, BOARD MEMBERS AND CHAIRPERSONS

OFFICERS AND BOARD MEMBERS

ACTIVITY CHAIRPERSONS

PLEASE SAVE THIS PAGE

POSITION	NAME	PHONE NUMBER	<u>ACTIVITY</u>	CHAIRPERSON	PHONE NUMBER
PRESIDENT	STEVE CARL- SON	210.545.2376		CLARENCE SMITH	210.771.4111
		(C)210.414.3809			210.771.7111
VP-RETIRING	DAVE BAKER	210.688.3358	YOUNG	BRAD DOPPELT	(C)210.380.2025
		(C)210.410.9235	EAGLES		(-)
VP-ACTING	BILL BART-	210.494.7194	FACILITIES	JOHN KUHFAHL	210.688.9473
	LETT	(C)210.865.4591			(C)210.365.0120
SECRETARY		210.545.2376	GROUNDS	GEORGE	210.258.3982
	CARLSON	(C)210.414.2379		TOVAR ((C)210.269.2436
TREASURER	JOANNE WAR- NER	831.510.4334	COMM GEAR	JAMES MUNRO	210.680.3629
AT LARGE	ROBERT MAS-	210.545.4849	MEMBERSHIP	NORRIS WAR-	830.510.4334
(B)	TERS	(C)210.313.9967		NER	(C)210.363.1282
AT LARGE	JIM McIRVIN	210.481.3308	NEWSLETTER	JIM FEIGHNY	210.822.7229
(B)		(C)210.275.7780			(C)210.601.8607
AT LARGE (B))	BOB CABE	210.493.7223	HANGAR	DAN CERNA	210.688.9345
PP (B)	SKIP BARCH-	830.363.7649	TOOL CRIB	BOB CABE	210.493.7223
, ,	FELD		SWRFI	DOUG ASPEY	210.495.4381
PP (B)	DAN CERNA	210.313.9967	LEMONADE		(C)210.912.2790
PP (B)	LEW MASON	210.688.9072			
			SWRFI	ALEX ROCA	210.495.4381
			TRAM		(C)210.422.5972
			CHAPTER PIC- NIC	JO JENKINS	
			PUBLIC AFFAIRS	JIM McIRVIN	210.481.3308
					(C)210.275.7780





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SWRFI NEWS

CHAPTER ACTIVITY FOR SWRFI INCLUDES THE LEMONADE SALES STAND..A BIG FUND RAISER IF IT IS HOT AND NOT RAINING. <u>DOUG ASPEY</u> IS THE CHAIRMAN AND HE WILL BE NEEDING OUR SUPPORT.

THE SECOND JOB THE CHAPTER IS SUPPORTING IS THE TRAM TEAM. THIS IS HEADED UP BY <u>ALEX ROCA</u>. I CAN TELL YOU FROM PERSONAL EXPERIENCE, DRIVING THE TRACTOR IS A GREAT WAY TO SEE THE AIRSHOW, THE AIRPLANES, AND MOST ENTERTAINLINGLY, THE PEOPLE.

Subject: Special Announcement From EAA SW REGIONAL-Texas Fly-In Hondo Texas May 13-15, 2005

We have set-up a Housing Bureau similar to the one in Oshkosh where EAA members can rent a room, guesthouse, camping trailer, or a whole house from a local. Just call the Hondo Chamber at 830-426-3037 or fax 830-426-5357 or email at hondochaber@medinaec.com or our web site at www.swrfi.org

WEBSITES

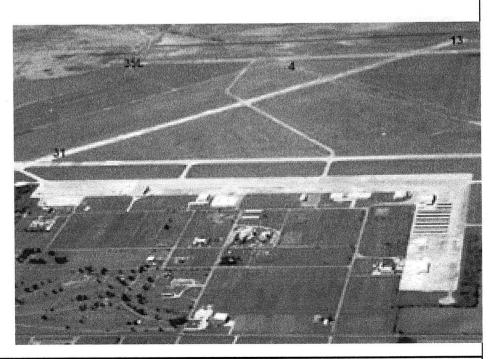
http://www.swrfi.org/default.htm

http://www.swrfi.org/pdf/HondoLayout12-10-04.pdf

http://www.rtis.com/reg/hondo/

http://www.hondochamber.com/Lodging/Hotels RVParks.htm

http://www.swrfi.org/lodging.htm



Young Eagle Update: HONDO BOY SCOUT MERIT BADGE PROGRAM MARCH 19th

This promises to be a big program and we will need plenty of help, ground and air.

The event is sponsored by John Killian.

There will be Scout camping at Hondo as well as others arriving from other locations.

Breakfast (Special support by Mc Donald's) from 8-9 am.

Lunch 11:35-12:50 provided by John Killian at the Killian hangar.

Chapter 35 will be conducting flights all day long and the scouts will be attending classes, in shifts though out the day.

In case of weather, we sill slip during the day or into Sunday as needed.

This is a big deal.....lets pitch in and get the first event of the year off to a great start.

BUILDERS UPDATE

Cozy Builder Group meeting at S. Carlson

On January 22, Steve Carlson hosted a visit by Cozy Builders, Gary Blancett, Randall Klint, John Kent, and Jim Feighny. We met with Advisors, Skip Barchfield, and Paul Mc Reynolds at Chester's (no sense starting on an empty stomach) where introductions were made and we got to the serious business or ordering.

shop/garage. We had an excellent time looking at the components Steve had made, comparing notes on how to do some of the construction, and sharing ideas on how to execute the plans.

Overall, a very worthwhile leaning experience and good time.

For our next meeting, we plan to go to New Braunfels to look at a completed Velocity, might even hit the City Meat Market, BBQ place.

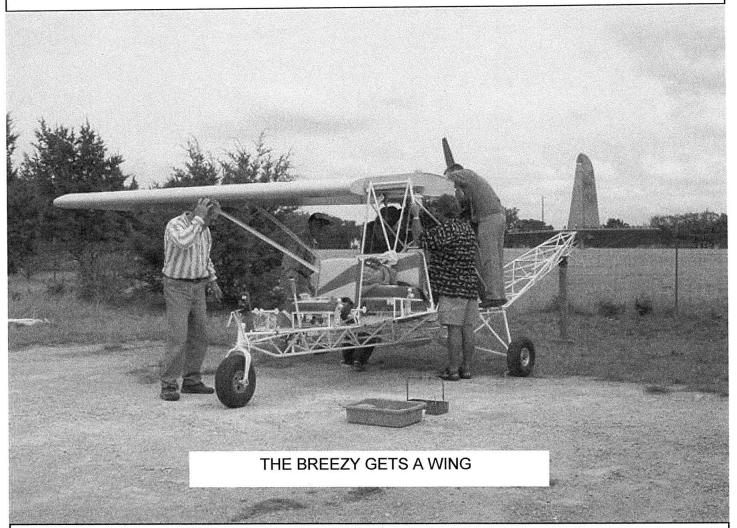


After some excellent burgers and brain storming, a story or two about incidents that happened as a result of misplaced enthusiasm for improving on proven designs, and a mutual amen to stay with the plans, we adjourned to Steve Carlson's work-

Left: Randall Klint, Steve Carlson, and John Kent look over Steve's tooling for setting up the longerons, seat and bulkhead dimensions.



WHY IS NORRIS HOLDING HIS HEAD?





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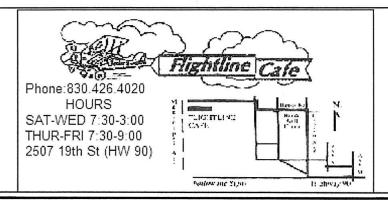
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OFFICIAL NEWSLETTER OF EAA CHAPTER 35 - SAN ANTONIO, TEXAS

CHAPTER CALENDAR

DAY/MONTH	PROGRAM	TIME & CHEF(S)	
8 JANUARY	MEETING	DINNER AT 5:30	
		PROGRAM AT 7:00	
12 FEBRUARY	MEETING JULIUS BRAUN: TRAIL WALKING IN BEW GUINEA IN SEARCH OF WWII AIIRCRAFT	DINNER AT 5:30 PROGRAM AT 7:00 (J.LATOUR & T. GOMBERT)	
12 MARCH	MEETING	DINNER AT 5:30 PROGRAM AT 7:00 (B. & D. DANIELS)	
19 March	YOUNG EAGLE/BOY SCOUT MERIT BADGE PROGRAM AT HONDO		
9 APRIL	YOUNG EAGLE RALLY AND FLY-IN AT SAN GERONIMO	PANCAKE BREAKFAST (B. SERVERANCE)	
13-15 May	SWRFI AT HONDO		
11 June	CHAPTER PICNIC		
	NATIONAL YOUNG EAGLE DAY		
9 JULY	MEETING	DINNER AT 5:30 PROGRAM AT 7:00 (J. WARNER & L. McIRVIN)	
13 AUGUST	MEETING	DINNER AT 5:309 PROGRAM AT 7:00 (N. WARNER JR)	
10 SEPTEMBER	MEETING	DINNER AT 5:30 PROGRAM AT 7:00 (B. KINDRED)	
24 September	YOUNG EAGLE RALLY AT SAN GERONIMO		
8 OCTOBER	MEETING	DINNER AT 5:30 PROGRAM AT 7:00 (J. FEIGHNY)	
13 NOVEMBER	MEETING	DINNER AT 5:30 PROGRAM AT 7:00 (CHILI COMPETETION)	
10 DECEMBER	GIFT EXCHANGE	CHRISTMAS PARTY	

Wanted and For Sale

WANTED & FOR SALE

Chapter members in search of or have items for sale, or need to post a service, may place a free (non-commercial) add in this column. Call the Editor: Jim Feighny 210.822.7229 or e-mail: ifeighny@satx.rr.com.

For Sale: Citabria 7KCAB: 4600TT, 205SMOH, Garmin GNC 250, KT 76 X-Ponder, Aug 04 Annual, excellent condition, new glass and interior. Clean. \$39,700 Terry Ross 210.566.2765

For Sale: Dynafocal mounts for Lycomings available. Manufactured by Barry, part #94011-40. Look like Lord mounts and interchangeable with them. Full set \$80.00. Retail is around \$300.00. QUICKSILVER MX Hirth 2702 40 hp (62 hours TT) POWER-FIN Propeller--3 Bladed (new) Original Price \$7,200 Now Reduced to \$6,500. RV-6 Empennage Kit. Still in boxes. Giveaway price is \$495. Contact Norris Warner at 830-510-4334.

For Sale English Wheel 40 inch arm \$2,000 Contact David Hedges 210-913-0074

Instructor Available. Chapter member Bob Cabe has recertified his CFI & CFII. Available to EAAers for BFR's. 210-493-7223.

For Sale: 3-2-2 Ranch style home, stucco/stone, on runway at San Geronimo Airpark. Under construction. For Info call Tom or Bob @ (210)415-2818

Instructor Available. Chapter member Bob Browne CFII SE ME INST Rotorcraft. Will provide free flight review for Chapter 35 members. 830-612-2371. For Sale: San Geronimo Airpark Hangar Condo Units. San Geronimo Airpark is building on more "Condo Hangar Unit" just like the Tan Unit. This building will have 10 hangar units and will be in the area that is between the EAA Building and the Blue Condo Hangar Units are SOLD, NEXT UNITS (5) complete 40'w X 32'd, will come JLU, NEA' NMARCH with cement floors, corruwalls. Bigated divider Fold doors w/smaller entry Electricity to the end of door. the unit and water to each. Price for these units is \$30,000 and a minimum of 25% down to hold a unit Six of these units are already sold and it is on a "first come" basis. If you want one of these units, Contact Dan Cerna 688.9345 or Dave Baker 410.9235

Bought several to get a good price:

3 each M-20 Oil Separator \$200

4 each True Tach-optical tach checker \$75

Various Oregon Aero items for David Clark

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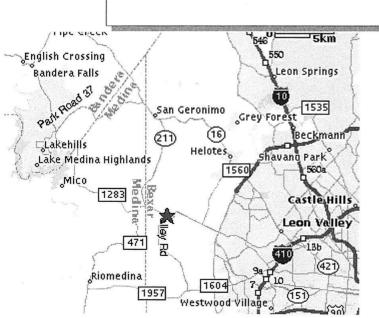
The Official Newsletter of EAA Chapter 35, San Antonio, TX

RUNWAY 35

Volume 47 Issue 2

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Please support those businesses that support YOUR local EAA chapter. Thanks!



When Do you Meet?
Second Saturday of the Month