

NavCom

MAY 2017



News and information for the Gwinnett County Chapter of the Experimental Aircraft Association

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The Presidents Pitch

By Randy Epstein



Summer Is Upon Us

Although summer does not officially begin until later in June, the summer season has arrived. Here's what's going on in June. First up is breakfast on June 3rd. Our speaker after breakfast will be Colonel Brent Bracewell. Our business meeting will be Friday June 9th. This will be the second month of our summer movie series. This month's movie is Hidden Figures. For your planning the runtime is 2 hours 7 minutes. During the movie series we start at 7:00pm and get the movie started no later than 7:30pm. Be sure to join us before the movie for dinner. We are planning on meeting this month at The 5 Spot Café 555 Progress Center Avenue Lawrenceville, GA 30043 (470) 482-6321 beginning at 5:30pm.

Saturday June 10th brings Good Neighbor Day at Peachtree Dekalb Airport. The chapter will have a display table and Heidi there and we need some volunteers to help during the day, please contact Kathi Parks to volunteer. Summer Camp is up next for the week of June 12th – 16th. Camp runs from 9:00am – 4:00pm each day and we need all the volunteers we can get. The Alpha camp has 5 enrollees, Bravo camp has 8 enrollees currently and they could have 10 each by the time camp rolls around. It is desirable to have one volunteer per camper for many of the sessions. Tuesday through Friday is when the need is the greatest. You do not have to have any particular skills, you just need to be ready to monitor and assist when necessary. If you can help in this effort please let Gay Roberts, Brian Michael or I know. We will have sign-up sheets out at breakfast.

Saturday June 17th is our monthly Young Eagle rally. In May we flew 43 young folks after waiting for stubborn clouds to clear.

Chapter Business Meeting & Program

Next Event June 9th. 2017
7:30 PM-10:00 PM

Young Eagles

Next event June 17th. 2017
8:30 PM—12:00 Noon

Pancake Breakfast & Program

Next event June 3rd. 2017
Breakfast begins @ 8:00AM

Cont. on pg #5

About EAA 690



EAA 690 is a Chapter of the Experimental Aircraft Association, located at Briscoe Field (LZU) in Lawrenceville, Georgia. We are a diverse and active chapter with over 250 members offering a wide range of aviation related activities on a regular basis. While our Pancake Breakfast and monthly meetings are the norm, we are also heavily involved in youth education through EAA's Young Eagles program (third Saturday of each month). We regularly conduct fly-ins and host historical aircraft such as EAA's B-17 "Aluminum Overcast", "Ford Tri-Motor" & the historic DC-3.



Our technical counselors are some of the best in the business and willingly donate their time to homebuilders as they progress through the various phases of constructing an aircraft. We currently have a youth project in hanger 6 building a Pietenpol fabric covered all wood airplane from plans as well as a Vans RV-12 light sport all metal kit being assembled by the chapter adults that is destined for youth flight training. See the latest report on these project elsewhere in the NavCom.

We have pilots with a wide variety of experience, from former airline and military pilots to general aviation pilots. "Hangar flying" is a fun part of the mix, and our facility is often used for aircraft annual inspections, meetings, special events, and training. We also have an extensive array of aviation tools for loan to members, and a library full of aviation information. Come join us on the first Saturday of every month at the hangar to enjoy a \$6 Pancake Breakfast, and to learn more about EAA 690.

Visit our web site for more information: WWW.EAA690.ORG

NavCom

The NavCom is EAA Chapter 690's official monthly newsletter serving its members and the general aviation community for the advancement of aviation. Original articles, art and photos are invited and welcome. Submit articles in Word or ASCII format and pictures in .jpg, .tft or .bmp format via e-mail to editor@eaa690.org. Deadline for articles and pictures is the 20th of the month.

Permission is hereby granted for the reproduction of NavCom articles by other EAA Chapters, provided that proper credit is given to the author and to the NavCom.

The NavCom is published electronically on a monthly basis and distributed to Chapter members and other interested parties. Printed copies may be available, upon request.

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Your comments and suggestions regarding the NavCom are always welcome. Our goal is to provide a publication that meets the needs of the entire Chapter so, please gives us your feedback.



BasicMed pilots cleared for landing in Bahamas

Reprinted from AOPA Aviation eBrief, 5-23-17

The Bahamas is the first destination outside the US to accept BasicMed. "This is a huge win for the thousands of BasicMed pilots, and we can't thank the Bahamas Civil Aviation Authority enough for their work and leadership," said AOPA President Mark Baker.

May 21: Charles Lindbergh Became The First Person To Fly From New York To Paris

Rerinted from Propwash Aero-News, 5-22-17

Historic Flight Took Place May 20/21, 1927 Ninety years ago, on 21 May 1927, American aviator Charles Lindbergh set the world alight when he completed the first non-stop solo flight from New York to Paris. In doing so he set an FAI World Record for 'Distance in a straight-line without landing'.

Flying a specially-built Ryan Monoplane, the Spirit of St Louis, Lindbergh flew 3,136.6 nautical miles in 33 hours and 30 minutes. He flew alone, through the night, navigating only by the compass, stars and dead reckoning.

Taking off from Roosevelt Field near New York early on Friday 20 May 1927, he was loaded down with 1,704 litres of fuel. He headed east, flying as high as 3,000 meters (approx. 9,800 feet) to clear storm clouds, and as low as 3 meters (approx. 10 feet), skimming across the wave tops. He flew part of the flight blind through fog for several hours.

When he landed at Le Bourget Airport northeast of Paris at 10:22 p.m on Saturday 21 May 1927 he was greeted by a crowd of 150,000 people. The 25-year-old former barnstormer pilot became an international celebrity overnight, and was feted around the world. He received the French Legion d'Honneur and was awarded the USA's Distinguished Flying Cross.



Lindbergh's flight was ratified by the FAI, the World Air Sports Federation, which was then 22 years old. Based in Lausanne, Switzerland, the FAI is the international body responsible for ratifying aviation records. To prove his flight, and to show that he had completed the trans-Atlantic crossing in one single, Lindbergh carried a sealed barograph in the body of the plane.

Barographs record air pressure, and by looking at the trace of the air pressure recorded during the flight, observers could see that Lindbergh had not landed, and had completed his flight non-stop.

The original trace, which together with other original documents from the record flight are today held at FAI headquarters in Lausanne, shows that Lindbergh flew much of the flight at low altitude. He climbed higher about one-third of the way through the flight, to avoid storm clouds.

Other documents the FAI holds from Lindbergh's historic flight include the letter from the National Aeronautic Association of the USA to the FAI requesting the flight be ratified as a world record. Dated 26 May 1927 and addressed to Monsieur Paul Tissandier, then Secretary General of the FAI, it reads: "We have the honour of submitting our report on the New York-Paris flight, flown by Captain Charles A Lindbergh, and we respectfully ask that this new record is homologated by the FAI."

The FAI, which was founded in 1905, holds an archive of international aviation records stretching back more than a century. From Lindbergh's record flight to the first man in Space, they form a unique collection of the most important moments in aviation history.

(Source: FAI news release. Images from file)



FORD TRI-MOTOR Visit

EAA 690 April 2017



Does anyone know what these are?



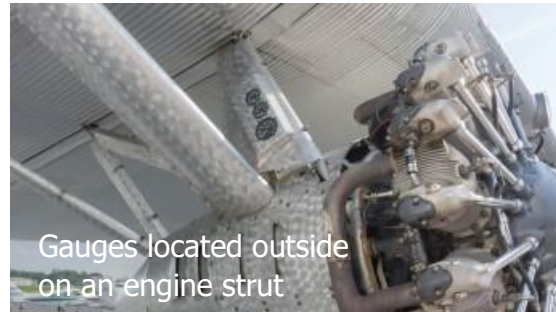
Setup getting organized



Youth Volunteers
Did a great job



Returning from another flight



Gauges located outside
on an engine strut



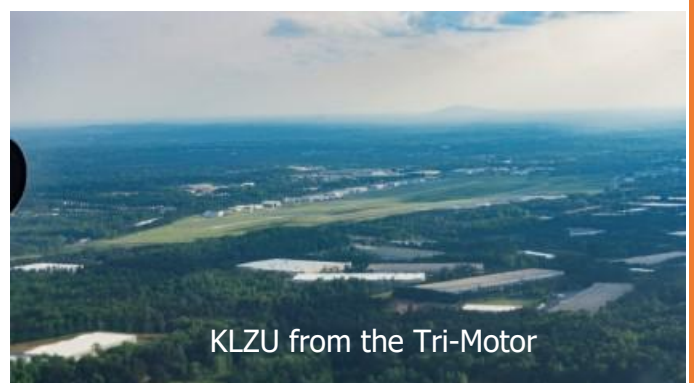
A Nice crowd showed up to take a ride on the Tri-Motor



Mall of Georgia flyover



Capt. Cody heading out with another
load of happy passengers



KLZU from the Tri-Motor

The Presidents Pitch cont. from pg. 1

I hope we can get a good turnout of pilots and ground crew. Our ground crew was lacking in May. We will be inviting our summer camp attendees to come and fly with us on that date so we could have a large turnout.

Our youth program continues strong and we just recently received the fuselage kit from the Bede Family Foundation for the BD-6. We can still use some additional mentors and are looking for someone to take over the week to week planning for each session. We currently have two major projects, the ultra-lite Pietenpol and full size Pietenpol. We are also working on a Corvair engine to be turned into a cutaway learning tool. The BD-6 will become a major project beginning on June 3rd. We will be documenting this project closely as we progress to show the Bede Family Foundation our progress. If you would like to be a part of this project, please let me know. I want to thank Hugh Colton, Joel Levine, Art Farmer, Chuck Roberts, Dennis Crosgrove, Duane Huff, Gordon Fowlkes and Bob Higgins for the time they are volunteering as mentors to the program.

Work began recently on the wings for the RV-12. We will order the finishing kit soon. The group currently works on Tuesday and Thursday afternoons. We can also have work groups in the evening if you are interested and evenings fit your schedule better. Please let Joel or I know and we'll work on it. As we move forward with the wings and finishing kit we will need to continue with the fund raising effort to complete the RV-12. The amount remaining to complete the airplane is around \$43k for the engine and avionics. The airplane will be placed in the flying club once it is completed and will be available for rental to club members. We have not finalized all the details of the club at this time, but hope to do so in the near future. Remember that any donations made for the RV-12 are tax deductible under the chapter's 501(c)3 status.

That's all for this month. I hope to see all of you at one of our events.

EAA 690 Young Eagles Report

May 2017

By Duane Huff

We missed Jeanne and Bill Ferguson and by the time you receive this NavCom, we trust that Bill has fully recovered from their accident. Jeanne is doing fine.

Waiting an hour for the ceiling to lift was not fun with forty three eager young people, plus parents and friends, to go flying

Eight pilots flew the forty three Young Eagles. They were Bill Bell 6 YE, 2 flights, Randy Epstein 9 YE, 3 flights, Duane Huff 3 YE, 3 flights, Fred Huppertz 9 YE, 3 flights, John Morgan 4 YE, 4 flights, John Post 3 YE, 3 flights, Chris Serra 6 YE, 2 Flights and Charles Wallace 3 YE, 1 flight. Nine had flown previously as Young Eagles.

Today's Young Eagle Gals were Barbara Epstein, Kathy Parks, Gay Roberts, and Aimee Walthall. They always do a great job of all the paper work. On a special note to them, the forms had no Boo Boos, so I didn't get to fuss at Aimee. Thanks!

The preflight briefings were conducted by Dennis Crosgrove and Art Farmer. The simulator training was done by Wess Riddick. Working the loading and unloading of the airplanes were Michael Cartin, Jim Flock, Brian Michael, and John Reitz,. My heart felt thanks to these great volunteers who made this day successful.

SPECIAL YOUNG EAGLE EVENT - HELP NEEDED JUNE 8th

Hoping that the NavCom will be published before June 8, I have a special request. We have scheduled a special Young Eagle event for that Thursday June 8. The Tuskegee Airmen will be bringing thirty (30) Young Eagles to fly. They will provide lunch for all pilots and crew. If you can help that day, please contact me at duanehuff@yahoo.com or by phone 770-962-3117.

Randy,

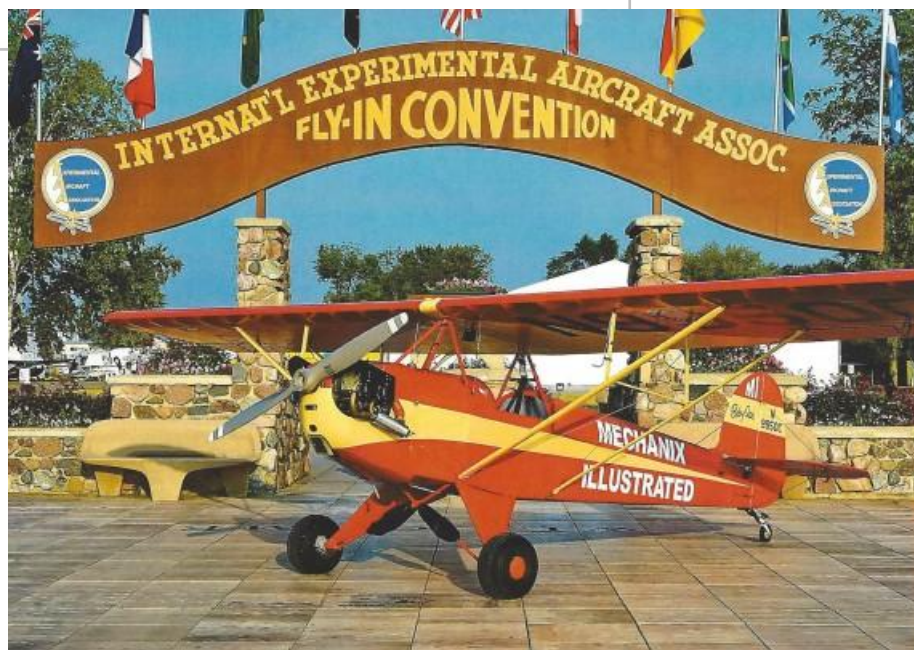
I thought you would enjoy seeing our new museum exhibit celebrating the 25th anniversary of the Young Eagles Program.

We also honored the 25 most active pilots and Chapters.

Congratulations!

Jack Pelton

On this page is a note and postcard sent to Randy from Jack Pelton, CEO of EAA. Take a look at the mention below of EAA 690 listed among the "Top 25 Most Active Chapters" for Young Eagle flights. Congratulations to all of the Young Eagle volunteers, keep up the great work.



Top 25 Most Active Chapters

Chapter Name	State/Province	Total Flights
EAA Chapter 579	IL	17,333
EAA Chapter 1114	NC	16,234
EAA Chapter 1	CA	13,487
EAA Chapter 106	VA	12,384
EAA Chapter 252	WI	11,833
EAA Chapter 242	SC	11,055
EAA Chapter 13	MI	10,784
EAA Chapter 91	MO	10,763
EAA Chapter 14	FL	10,685
EAA Chapter 582	OH	10,472
EAA Chapter 89	KS	9,808
EAA Chapter 1126	CN	9,799
EAA Chapter 23	UT	8,932
EAA Chapter 20	CA	8,964
EAA Chapter 2	IN	8,695
EAA Chapter 883	TN	8,543
EAA Chapter 631	WI	8,284
EAA Chapter 690	GA	8,243
EAA Chapter 723	CA	8,007
EAA Chapter 495	OR	7,984
EAA Chapter 32	MO	7,579
EAA Chapter 776	AZ	7,512
EAA Chapter 9	OH	7,169
EAA Chapter 80	NE	7,163
EAA Chapter 884	IL	6,944



RALLYING FOR A CAUSE

From the very beginning, EAA's extensive network of local chapters embraced the Young Eagles program and began organizing flight rallies to accommodate a larger number of youths. As the flight rally concept evolved, EAA chapters found that Young Eagles events were helping to revitalize their chapters and recruit new members. Several chapters were even formed specifically to fly Young Eagles. The popularity of these EAA chapter events continues to this day, with approximately 80% of Young Eagles flights occurring at chapter-sponsored events.

Chapter Spaghetti Dinner

April 29th, 2017

Guest Speaker Mr. Cody Welch

We were treated with a wonderful talk by the Mr. Cody Welch, Capt. of the Ford Tri-Motor. Accepting our guest speaker chapter Mug, presented by Randy, is Cody and Ms. Pat Polehla, who accompanied the Tri-Motor to provide logistics and management services. Thanks to the EAA, Cody and Pat for making the Tri-Motor visit a success.



Spaghetti Cookers armed and ready



Glider Wing Project

May 13th, 2017

As most of you know the Glider located at the entrance to Gwinnett Field suffered sever wing damage last year during a storm. The wings were removed, and with magic performed by Chuck Roberts in his workshop with help from his elves, shorted to make them look aesthetically pleasing. Here are some pictures of the work done to reattach the shortened wings.



Off to a rough start with one of the bucket rigs getting into the ditch. With a lot of work and a little ingenuity, and hooking two trucks to the trailer, it finally arrived on level ground.



The left wing went in with a little coaxing, although there seemed to be a small problem with hole alignment.



The right wing proved problematic and, after much pushing, lifting, twisting and cajoling it finally arrived in position.



To make sure the wings were secure a fair amount of twisting hammering, drilling, more drilling and more hammering was applied. All of this was interspersed with trips to hangers & hardware stores for drill batteries, nuts, bolts and other hardware. Finally it all came together.

Thanks to the crew that put in a full day to get this project completed, **job well done.**



Progress Report EAA Chapter 690 RV-12 Project



The work on the wing to date has been on producing sub-assemblies. Dale and Hugh are shown here with four of the flaparon hinges.



And more of the same on the wing sub-spar.

De-burring - easy to learn
hard to really like.



I see clecos so it must be a riveting experience.



You should have seen Louis prime the sub-spars.



Some of the most expensive components for the RV-12 build are still not funded. If you would like to - donate and help move this project forward you can go to the [Square Marketplace](https://www.squaremarketplace.com/) today to donate. Please be sure to note that your donation is for the RV-12 project
For more details visit rv12.eaa690.net

Progress Report

Chapter 690 Youth Pietenpol Build

Setting up the 2 ton press to bend the tail skid. Skid is made of 1/2 X 1 T6 Aluminum bar.



Categorizing the Corvair engine parts was a learning as well as a greasy experience.



Working on the control system



Cutting the pipe that was used in the bending process using the zits wheel



The cables used to brace the landing gear came together after some geometry and estimation



Bending the tail skid in the press

The mounting holes for in the tail skid required pilot holes for proper alignment



Photos courtesy of Joel Levin



UPCOMING AVIATION EVENTS



Chapter Events

Don't miss out, enjoy the comradery of your fellow EAA 690 Chapter members, bring a friend and join us.

Pancake Breakfast & Program

The first Saturday of every Month

Next event June 3rd. 2017

Serving 8:00-10:00 AM (see pg. 12)



Chapter Business Meeting & Program

The second Friday of every Month

Next Event June 9th. 2017

7:30 PM-10:00 PM



GARS Meeting

The second Tuesday of every Month

Next event June 13th. 2017

7:00 PM—9:30 PM



Young Eagles

The third Saturday of every Month

Next event June 17th. 2017

8:30 PM—12:00 Noon



Monthly Youth Ground School

Watch for EAA 690 Notams
announcing future Youth Ground
School Schedules



Upcoming Events cont.

EAA 690 Guest Speaker Pancake Breakfast, June 3rd 2017

Kathi Parks has confirmed Colonel Brent Bracewell, President of the 8th AF Historical Society, and veteran Henry Hughey will be speaking, while representing 26000 military men that died during WW2. Henry was a ball turret gunner with the 838th Bomb Squadron of the 487th Bomb Group in the 8th Air Force from November 1944 to April 1945. He flew in 37 missions.

How appropriate as it is so close to Memorial Day.

Chapter business meeting & Summer Movie Program Friday June 9th.

Our business meeting will be Friday June 9th. This will be the second month of our summer movie series. This month's movie is Hidden Figures. For your planning the runtime is 2 hours 7 minutes. During the movie series we start at 7:00pm and get the movie started no later than 7:30pm. Be sure to join us before the movie for dinner. We are planning on meeting this month at The 5 Spot Café 555 Progress Center Avenue Lawrenceville, GA 30043 (470) 482-6321 beginning at 5:30pm.



Volunteer Opportunities at EAA AirVenture Oshkosh

Calling all volunteers! Looking to volunteer during EAA AirVenture Oshkosh? Please check out our volunteer website for available opportunities:

<https://www.eaa.org/en/eea>

We will continue to update the site with opportunities as we have them.

If you are unsure whether you'll be available during AirVenture, we encourage you to stop by the Volunteer Center when you arrive during AirVenture for additional opportunities.



Volunteer Program

Upcoming Events cont.



SATURDAY 3RD OF JUNE

AIRPLANES • FOOD • LIVE MUSIC

GATES OPEN AT 10:00 AM – PEACH STATE AIRPORT

HWY 362 WILLIAMSON GA (770) 467-8318

UPCOMING AVIATION EVENTS cont.

BLUEGRASS FAMILY DAY & FLY-IN

Saturday, June 24th 2017 7:30am to 4:00pm

Come join us for a day full of music, food, and fun.

Middle Peninsula Regional Airport FYJ
1000 Airport Rd
Mattaponi, VA 23156

Free Admission

Enjoy breakfast from 7:30am to 9:30am
Runway Colors of Cancer 5k begins at 7:30am
Music will begin at 10:00am

What to look forward to:

Live Music	Food and Refreshments
Silent Auction	Airplane Rides
Vendors and Crafts	Sky Diving
Steam Engine	Dunk Tank
Car & Bike Show	Poker Run
Military Helicopter for Static Display	
Children Activities - Bounce House, Face Painting, etc.	



For more info email: familydayforacure@gmail.com

BLUEGRASS BASH

June 15-18, 2017

Bardstown, KY KBRY

Flying - Horse Racing - Bourbon Tasting

Our own Dusty McCoy, 2-time Carbon Cub owner, is teaming up with SWT Aviation to host the inaugural Bluegrass Bash in beautiful Bardstown, KY (KBRY).

- * Daily fly-outs to local grass strips
- * Road trip to Churchill Downs for some horse racing
- * Evening Bourbon tasting lead by a renown Bourbon Master

We have a block of rooms reserved and ground transportation will be provided. Space is limited, so if you are interested in attending or would like more information, please contact Kathy Davis at 678.860.9481



This is sure to become a favorite destination for our flying community!

AeroVentures

Flying Club

Located at Gwinnett County Airport KLZU since 2012. Our fleet consists of a C-150, C-172N a J3 Cub and an Aztec PA28-23. Come Fly with us.

For more information visit our web site www.flylzu.com



RV-12 Share for Sale

I would like to offer my share of our Vans RV-12 for sale. It has approximately 150 hours on it since new. It has a 2-axis autopilot, Garmin GPS and SL20 flipflop radio, transponder, wheel pants, new intercom and software update on the radio. All service advisories have been noted and corrected, Cruises at 125mph on approx 4.5 gph. CHEAP hangar rent, owner share is only \$50 per month. Located at KVCP Cartersville and, the other partner can perform the annuals.

Call Meade Duckworth

\$30k

770-891-4599



**Have something airplane related (or not) for Sale or a service to offer?
Why not list it in the NavCom for all the Chapter Members to see.**

Send your listing requests to: editor@eaa690.net. Be sure to include high resolution pictures in .tiff, bmp or .jpg format, a detailed description of your offering and your contact information: name, phone and email address.

Visit the EAA 690 Chapter Website at www.eaa690.org for the latest news

Directions to EAA 690

I-85 North to GA-316, Take GA-316 to Hurricane Shoals Rd NE and Turn Right
Go to Airport Rd NE and turn left, Go to 690 Entrance on the right



Chapter Badges Available

New members badges can be found pinned to the tie on the Chapter bulletin board next to the main entrance to the Chapter hanger. For anyone that needs a replacement name badge or would like to get one of the new full color badges please see Duane Huff during any Chapter function.

Annual Chapter Dues

Chapter 690's Fiscal and Membership Year begins on January 1st. Dues are due and payable on the 1st of January. Dues may be paid at meetings, mailed to our membership chairman, Ms. Jeanne Ferguson or paid on-line. To pay online visit the Chapter web site, www.eaa690.org and click on "Membership" then follow the prompts for the type of membership you wish to apply for.

Your Assistance is Requested

As always, our great chapter runs best when we have volunteers that will step up, pitch in and get involved. Announcements are made at most chapter functions for those projects and activities where we need additional volunteer help. Please lend a hand, your help is needed and greatly appreciated.

E-mail Update and Request

Chapter members and other interested friends of Chapter 690 are alerted and reminded of chapter planned activity, timely aviation news and other items of interest via NOTAMS sent by our President Randy Epstein. To be sure you continue to receive these informative announcements please notify Jeanne Ferguson, jmarief@bellsouth.net if you have a change in your preferred email address.

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