



Experimental Aircraft Association

Chapter 24

Oklahoma City, OK

August, 2017



Meeting location

The August 10th, 2017 meeting will be at Sundance Airport, beginning at 7:00 PM. The meeting is upstairs in the FBO building / main terminal. Arrive early to socialize with your fellow aviation enthusiasts.

Sundance Airport

1300 N Sara Rd, Yukon, OK 73099

Phone: (405) 373-3886

<http://sundanceairport.com/>

1.3 miles West of the Kilpatrick Turnpike on the Northwest Expressway, then 0.9 miles North on Sara Rd to airport entrance. Google Maps Link:

<http://goo.gl/maps/Q1dU9>



Previous Chapter Minutes

July 13th Discussion items

- Young Eagles:
 - Ace Camps, June 10th (23 flown) and June 24 (15 flown ?)
 - Saturday, July 8th, 0900 at Guthrie airport (20 flown)
 - Guthrie open house, Sat, 30 Sep – lots of kids to fly! (100+)
- Great Lakes Biplane Aircraft donation status:
 - Waiting for FAA to clear the paperwork (open)
 - Thanks to Eric Muehlberg for ramrodding the advertising, display and sale of the airframes (less engine)
 - Sold at best offer of 4 given - \$9000! Moved out 2 July
- KITFOX project Status – project manager: Eric Muehlberg, members: Jay Burgess, John Marr, Jim Geary, Bruce Wright, Terry Joy and Doug Garlan
 - Status from Jay Burgess
- Trimotor visit 1-4 June a success! Weather only problem
 - Two Sorties on Thursday, 5(?) Friday, 5 Saturday and 6 Sunday!
 - **Surprised with Chapter payouts \$325 each to Ch. 24 and to Ch. 1098**
 - All EAA volunteers received free rides!
 - Special thanks to: Gary Manning, Floyd Gordon, Dennis Fox, Eric Muehlberg, Stan Young, Joe Russell, David Ames, Terry Joy, Bob Dickenson, Jerry Calvert, Mark ? (1098) and others who helped out.
 - Feedback from EAA HQ was very favorable! Will try to give us more
- Oshkosh is coming up Monday, July 24 - Sunday, July 30.
 - 7 from chapter are going, anyone else?
 - Subset of 3 depart from Oshkosh on Thursday outbound on the Nova Scotia trip
 - Events at Oshkosh that affect Chapter:
 - Chapter Presidents' reception – Tuesday evening, Ford display

- Young Eagles Lunch – Thursday noon, need coverage – volunteer?
- Chapter Leaders’ breakfast – Saturday, 29, 0800 at in Museum – coverage needed, volunteer
- Donation of refrigerator/freezer for hanger - Many thanks to Jerry Martin!
- Reminder about EAA Chapter 24 Pancake breakfast this Saturday the 15th, at Sundance airport at 0800! Donation of \$5 gets pancakes, “meats”, OJ and coffee.
- Artwork donation information – have e-mail from artist on how he does it
- Donation of any/all aircraft pictures on back table – good garage wall or hanger wall fodder
- Reminder that the AOPA regional fly in is at Norman Westheimer airport 8-9 Sep

EAA CHAPTER 24 ON-LINE

You can find EAA chapter 24 on-line in several places. Our primary website is now:

<http://www.24.eaachapter.org/>



We also had started a chapter website on Yahoo Groups. Please direct your browser to:

<http://groups.yahoo.com/group/EAA-Chapter-24/>



Chapter 24 also has a Facebook page. Come join and check it out at:

<https://www.facebook.com/#!/EAA24>



YOUNG EAGLES



Upcoming Y/E Events will be discussed and finalized at each Chapter meeting

Notify Pat Cohenour and let him know if you are planning on attending and flying any of our scheduled Young Eagle activities. All of us and the Young Eagle kids will appreciate it.

YOUNG EAGLES WORKS

EAA says its Young Eagles program, which aims to introduce youngsters to general aviation, has been successful at inspiring those youngsters to become pilots. By checking FAA's pilot registry against its list of Young Eagles going back to 1992, EAA said it found that Young Eagles are 5.4 times more likely to become a pilot than those who never participated. "The numbers show that Young Eagles is making an impact on the pilot population that is unmatched by any other single program," said Former EAA Chairman Tom Poberezny. The EAA analysis also showed that 9 percent of those pilots are female, a gain of 50 percent compared to the overall figure of 6 percent of the pilot population.

Recent YE Events:

- Saturday, July 8th at Guthrie airport (20 flown)

Upcoming YE Events:

- EAA 24's 3rd Saturday Breakfast – currently expecting 5 kids for August
- In work – not yet official: Clinton fly-in on Sept 23, 9:00 to 12:00
- Guthrie Open house, Sept 30th - expecting to fly over 100 kids

Two Millionth Young Eagle Solos

<http://inspire.eaa.org/2017/03/10/2-millionth-young-eagle-solos/>



Many congratulations to EAA's 2 millionth Young Eagle, Jodie Gawthrop, EAA 1108302, who completed her first solo on March 9, less than a year after her flight with former Young Eagles Chairman Harrison Ford.

"Soloing was an empowering experience and being in complete control of the aircraft was unlike anything I had ever felt before," Jodie said. "It featured an unforgettable mix of both thrill and responsibility."



After participating in the Civil Air Patrol's orientation program in 2013, Jodie fell in love with aviation and has

made it her mission to take to the sky; she's even considering pursuing a military career.

She credited this milestone accomplishment to EAA; her CFI Dave Hooper, EAA 439937; and the general aviation community at large.

"Their unwavering support has motivated me to study hard on the ground, aim for excellence in the air, and strive to become a better person overall," she said.

Congratulations again, Jodie, and blue skies as you continue to pursue your aviation dreams. We at EAA can't wait to see where your future takes you!

FROM OUR MEMBERS

KITFOX PROJECT PROGRESS

You can find updates on the project at:
http://www.mykitlog.com/burgess_jay/

The team is working on the wing fuel tanks and the wing locker



Terry and Jim work to fit the fuel tank



Start of a wing locker door



Eric, Matt, and Bruce in heavy thought

SAFETY

The Human Factors "Dirty Dozen"

http://www.skybrary.aero/index.php/The_Human_Factors_%22Dirty_Dozen%22

Description

The Dirty Dozen refers to twelve of the most common human error preconditions, or conditions that can act as precursors, to [accidents](#) or [incidents](#). These twelve elements influence people to make mistakes. The Dirty Dozen is a concept developed by Gordon Dupont, in 1993, whilst he was working for [Transport Canada](#), and formed part of an elementary training programme for Human

Performance in Maintenance. It has since become a cornerstone of Human Factors in Maintenance training courses worldwide, as exemplified in UKCAA CAP715^[1].

The Dirty Dozen is not a comprehensive list of human error accident precursors, for example, ICAO Circular 240-AN/144^[2] lists over 300 human error precursors. However, since 1993 all areas of the aviation industry, not just aircraft maintenance, have found the Dirty Dozen a useful introduction to open discussions into human error in their businesses, organisations and workplaces. So, it may be possible to find Dirty Dozen lists for pilots, ramp workers, air traffic controllers and cabin crew.

The List

The original list, developed for aircraft maintenance, is available in many documents, one good example is TC14175^[3], and this list is used as the basis for this entry. There is no order of priority.

1. Lack of communication	5. Complacency	9. Lack of knowledge
2. Distraction	6. Lack of teamwork	10. Fatigue
3. Lack of resources	7. Pressure	11. Lack of assertiveness
4. Stress	8. Lack of awareness	12. Norms

(see web site for full article)

Graphic From the FAA on the next two pages:

<https://www.faasafety.gov/files/gslac/library/documents/2012/Nov/71574/DirtyDozenWeb3.pdf>



Avoid the Dirty Dozen

12 Common Causes of Human Factors Errors

About **80** Percent of Maintenance Mistakes Involve **Human Factors**

... and if Not Detected...
Would Lead to Accidents.

Put Safety First and Minimize the 12 Common Causes of Mistakes in the Aviation Workplace

1



Lack of Communication

Failure to transmit, receive, or provide enough information to complete a task. Never assume anything.

Only 30% of verbal communication is received and understood by either side in a conversation. Others usually remember the first and last part of what you say.

Improve your communication—

- Say the most important things in the beginning and repeat them at the end.
- Use checklists.

2



Complacency

Overconfidence from repeated experience performing a task.

Avoid the tendency to see what you expect to see—

- Expect to find errors.
- Don't sign it if you didn't do it.
- Use checklists.
- Learn from the mistakes of others.

3



Lack of Knowledge

Shortage of the training, information, and/or ability to successfully perform.

Don't guess, know—

- Use current manuals.
- Ask when you don't know.
- Participate in training.



Avoid These Common Causes of Mistakes in the Aviation Workplace

4



Distractions

Anything that draws your attention away from the task at hand. Distractions are the #1 cause of forgetting things, including what has or has not been done in a maintenance task.

Get back in the groove after a distraction—

- Use checklists.
- Go back 3 steps when restarting the work.

5



Lack of Teamwork

Failure to work together to complete a shared goal.

Build solid teamwork—

- Discuss how a task should be done.
- Make sure everyone understands and agrees.
- Trust your teammates.

6



Fatigue

Physical or mental exhaustion threatening work performance.

Eliminate fatigue-related performance issues—

- Watch for symptoms of fatigue in yourself and others.
- Have others check your work.

7



Lack of Resources

Not having enough people, equipment, documentation, time, parts, etc., to complete a task.

Improve supply and support—

- Order parts before they are required.
- Have a plan for pooling or loaning parts.

8



Pressure

Real or perceived forces demanding high-level job performance.

Reduce the burden of physical or mental distress—

- Communicate concerns.
- Ask for extra help.
- Put safety first.

9



Lack of Assertiveness

Failure to speak up or document concerns about instructions, orders, or the actions of others.

Express your feelings, opinions, beliefs, and needs in a positive, productive manner—

- Express concerns but offer positive solutions.
- Resolve one issue before addressing another.

10



Stress

A physical, chemical, or emotional factor that causes physical or mental tension.

Manage stress before it affects your work—

- Take a rational approach to problem solving.
- Take a short break when needed.
- Discuss the problem with someone who can help.

11



Lack of Awareness

Failure to recognize a situation, understand what it is, and predict the possible results.

See the whole picture—

- Make sure there are no conflicts with an existing repair or modifications.
- Fully understand the procedures needed to complete a task.

12



Norms

Expected, yet unwritten, rules of behavior.

Help maintain a positive environment with your good attitude and work habits—

- Existing norms don't make procedures right.
- Follow good safety procedures.
- Identify and eliminate negative norms.

OPPORTUNITIES

AOPA Fly-In
Norman Westheimer airport 8-9 Sep

MISCELLANEOUS

Nothing this month.

CLASSIFIED

On-line resources for buying and selling aircraft:

<http://www.trade-a-plane.com/>

<http://www.barnstormers.com/>

<http://www.aso.com/>

<http://www.globalplanesearch.com/>

1976 PA-28-140 For Sale

3,625TT, 1,100 SMOH, 267 SPOH, 5 SMOH on 2 cylinders, Excellent maintenance, paint 7, interior 8 Full logs, speed mods, VG's, digital nav/coms, DME, VFR GPS, S-TEC A/P, hangered at PWA, 2 Annual due 12/2017, IFR 3/2019 \$37,995
Chip @ piperflyer76@hotmail.com 832-453-2892



Angle valve HIO-360A1A horizontal fuel injection oil sump and intake pipes for sale.

It was from a helicopter engine that was converted to an IO-360 A1A. It has the so called "Tuned" approximately equal length intake pipes. Will fit any of the angle valve IO-360 engines. The sump is part number LW-12754.

Contact Kelly Troyer 405-853-5226 or keltro@att.net EAA chapter 24 EAA lifetime 45356





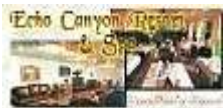
 If you wish to list an item for sale, please contact the newsletter editor at piperflyer76@hotmail.com

Fun Places to Fly Within 100 Miles of Oklahoma City

Annie Okie's Runway Cafe - Bethany, OK (8 miles)

Right under the control tower. There is a great view of the runway. Good food! Monster cinnamon rolls. Oven-baked omelets. Daily lunch specials. Monday through Saturday 7am-3pm. Sunday 8am-3pm.

Echo Canyon Resort - Sulphur, OK (13 miles)



The brochure accurately describes this wonderful place as a beautiful resort specializing in romantic luxury lodging and fine dining. It is located on 30 acres in the Arbuckle Mountains, and is owned and beautifully managed by Joe and Carol Vanhorn, two of the finest folks you will ever meet. I have spent a weekend in this wonderful property, and I highly recommend Echo Canyon Resort. I have also flown to the resort to enjoy Carol's wonderful breakfast. If you call ahead,

Carol or Joe will have you picked up at the airport by one of their friendly staff. Give them a call.

Ozzies Diner - Norman, OK (13 miles)

On airport home-style diner with airport view. All you can eat breakfast! Come hungry.

Libby's Cafe - Goldsby, OK (19 miles)



A great little country cafe with a big menu. Relatively inexpensive but good food. Live music on weekends, usually in the evening. Just a short walk across the interstate overpass from the airport...you can see the sign for Libbys, just look west. Libbys will usually come pick you up if you need a ride. Hours: TUESDAY through THURSDAY, 6AM to 12AM, FRIDAY and SATURDAY, 7AM to 2AM, SUNDAY, 9AM to 3PM. CAFE CLOSED MONDAY. Map: <http://www.libbyscafe.com/images/map2.jpg>

Oklahoma Antique Airplane Association Fly In - Pauls Valley, OK (49 miles)



The Oklahoma Antique Airplane Association has a monthly meeting/fly in at or club house on the northwest corner of the PVJ field, once a month on the first Saturday. Come join in on the fun! You don't have to fly an antique in, we have cars, motorcycles, and every kind of airplane old and new. We eat about 11:30 to 12:00 and have burgers hot dogs and in the winter chili and Cajun food.

Thomas P. Stafford Airport - Weatherford, OK (63 miles)

Weatherford's airport hosts the outstanding Thomas P. Stafford Museum, memorializing the NASA space program and General Stafford's contributions including the Apollo-Soyuz program. Weatherford is a thriving college town that can easily be explored with one of the airport's courtesy cars. Fuel is relatively inexpensive too. One of our favorite stops!

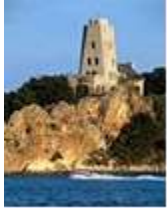
ADM Pancake Breakfast - Ardmore, OK (75 miles)



Fly-In Pancake Breakfast. Every second Saturday 08:00 to 10:00 in

the Hanger directly behind the control tower. Sponsored by Lakeland Aviation. Free to all, donations are accepted. Come enjoy breakfast and great fellowship with old friends and make some new one! See you there.

Lake Murray State Park & Lodge - Overbrook,



OK (75 miles)

Lake Murray State Park has an Air Strip right next to a beautiful golf course. Go into the golfing shop and call the Lake Murray Lodge and they will come pick you up. Great place to eat and spend the night.

Enrique's - Ponca City, OK (95 miles)

Enrique's is on the field in the terminal building. Great Mexican food. There is a self service 24 hour pump for 100LL that takes CC. The Ponca City Aviation Booster Club holds a fly in breakfast there the first Saturday of each month.

Ponca City Aviation Boosters - Ponca City, OK
(95 miles)

Ponca City Aviation Booster Club hosts a breakfast flyin the first Saturday of each month. For \$7.00 for adults and \$3.00 for kids you have all you can eat pancakes, eggs, biscuits and gravy, smoked sausage, bacon, fruit, fruit juices and coffee. Chapter members report there were over 500 in attendance in February! The price was raised from \$5 to \$7 to offset rising food costs.

Over 100 Miles from Oklahoma City

Pioneer Flight Museum, Kingsbury, TX
(~350 nm South)

<http://www.pioneerflightmuseum.org/>

Name: Old Kingsbury Aerodrome Airport

Identifier: 85TE

Elevation: 560

Location: N29° 38.038' W97° 48.685'

Runway: 14/32 Grass

Length: 2600 ft.

Caution: Towers on West side of field

Caution: Radio Controlled Model Aircraft Traffic

CHAPTER 24 CONTACTS

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Disclaimer:

The Oklahoma City, OK, EAA Chapter 24 is an official chapter of the Experimental Aircraft Association, Wittman Airfield, and Oshkosh, Wisconsin 54903-3086. Phone (414) 426-4800.

Chapter 24 was organized to promote aviation in the community, provide camaraderie, sharing of aeronautical knowledge and skills among those with interest in grassroots aviation and who share the objectives of the Experimental Aircraft Association.

Chapter membership is open to everyone, however our by-laws require that chapter members also be a member of the EAA national organization. Chapter dues are \$15.00 per year, payable on January 1.

Normally our meetings are held on the second Thursday of the month at 7:00 PM at Sundance Airport (KHSD) 1300N Sara Rd, Yukon, OK 73099. Time, date and place is subject to change. Please check your newsletter for current meeting information.

Newsletter Information: EAA Chapter 24 publishes the newsletter once a month. Its purpose is to inform. Members are encouraged to submit aviation and member related articles to the newsletter editor.

To submit articles, photos or other items for the newsletter as well as ideas, suggestions and corrections, contact: Chip Heinol at piperflyer76@hotmail.com

If you are receiving this newsletter and are not a Chapter 24 member but would like to become one, please call or write to Steve Schmitt and he will send you an application. If you are a current EAA National member then all the Chapter requires is your completed application and \$15.00. We could use you as a member but member or not you are still welcome at our meetings.