



November 2018 Newsletter Volume 42, Number 11

The Static Line

Leroy Castle Memorial EAA Chapter 538 Phoenix, AZ

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Email: ea538board@gmail.com

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Monthly meetings are the second Tuesdays of every month starting 6:30 P.M. at Deer Valley airport restaurant.

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2018 Calendar of Events

- November 13 MM**
Speaker Mackize McCann Rotorway
Helicopters
- November 17th Young Eagles & PotLuck**
- December 11 Holiday Party**

2019 Calendar

- January 8, 2019
Speaker Richard Simile Mooney Aircraft
- February 12, 2019
Speaker Ryan Reeves Airport Mgr
Buckeye
- March 12, 2019
- April 9, 2019
- May 14, 2019
- June 11, 2019
- July 9, 2019

2018 CHAPTER OFFICERS / DIRECTORS

President – Carlos Hernandez
Email: pazmany.ch@gmail.com
Ph: (623) 810-5675

Vice President – Stuart Snow
Email: Stuartsn.ss@gmail.com

Treasurer and Secretary – John Gregg
Email: jigregg.jr@gmail.com

1 year Director – Cheri McGunagle
Email: cherimcgu@aol.com

2 year Director – Dave Biddle
Email: dbiddle3@cox.net

3 year Director – Tom Velvick
Email: tomvelvick@cox.net

Newsletter Editor – Alex Bodak
Email: cpucoach@yahoo.com

Webmaster – Alex Bodak
Email: eaa538board@gmail.com

PRESIDENT'S REPORT

November 2018

Hello EAA Chapter 538 members, family and guests!

Can you believe that we're only two months away from a new year? As we do every year starting in November we start our ramp up of our fall/winter activities. We have quite a few things planned in the following months that I'm again excited to be a part of.

Coming up for the meeting this month are Chapter Officer and Board Member Elections. There are several positions that will become vacant. Alex Bodak has sent out a few emails with descriptions of the duties for these positions. The chapter can only grow if it can be offered new views and ideas to make it the chapter YOU want it to be and I encourage YOU to step forward and become an active participant in the management of EAA Chapter 538.

Mark your calendars! We will be conducting our first of the year Young Eagles event November 17th at Glendale Airport. We are expecting around 60 Young Eagles to attend. Jim Moss has sent out his pilot request email and looking for 12 Young Eagle pilots and planes. Pilot briefing will be at 8 am with flight activities beginning soon after. There will be a signup sheet for pilots and ground crew passed around at the meeting so that you can sign up. We thank you for your continued support of the Young Eagle Program.

In my best commercial voice "But wait that's not all! If you stay after the Young Eagle event we will have our Fall Chapter Potluck at Dave Biddle's hangar." Yup that is correct. We will have our Bi-annual potluck at Dave Biddles hangar located at Cactus Hangars at the north end of the airport near West-MEC. See potluck flyer for what to bring.

We have again been approached by Stellar Airpark, now EAA Chapter 1614, to assist in their Young Eagle event coming up on December 1st. They have asked us to do breakfast again while they fly the Young Eagles. As we did last year they would purchase all needed breakfast items and any donation received at the table would be to Chapter 538. I am asking again for volunteers to assist me in this activity. We will need a minimum of 6 members again to handle the breakfast duties.

Octobers Work Party

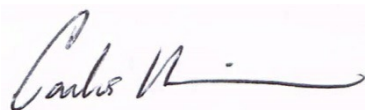
Darren's workshop is nearing completion! I want to sincerely thank all the volunteers for you time and efforts over the Month of October in helping your fellow chapter member with his project's project!

Presentation

This month's presenter is Mackinze McCann of Rotorway Helicopters based at Stellar Airpark in Chandler, Arizona.

I look forward to seeing YOU on Tuesday November 13th, 2018 at 6:30 pm at the Deer Valley Airport Restaurant. Come early, come hungry and join us for the dinner social starting at 6:00 pm. Please plan to attend, and bring a friend!

Thank you for being a part of our Chapter 538!



Carlos Hernandez

SECRETARY'S REPORT

Meeting Place:

- Deer Valley Airport Restaurant. Time: 6:30 to 8:30 P.M.
- 14 members present.

Welcome Guests:

- Clay Eldridge, Mark Robinson, Anitta Vrancea, Eric Moore,
- Mark Gilliam, Julius Sacco, Philip Combs.

Name Tag Check:

- Several members put \$1.00 into building fund box.

Officers in Attendance:

- President: Carlos Hernandez was in attendance.
- Vice President: Stuart Snow was not in attendance.
- Secretary / Treasurer: John Gregg was in attendance.
- Directors: Tom Velvick and Dave Biddle were not in attendance. Cheri McGunagle was in attendance.
- Tech Counselors: Roger Whittier, Ed Daror and Ron DeCandia were not in attendance.
- Young Eagles: Cheri McGunagle was in attendance.



Program:

- Presentation by William Kalt, author of High in Desert Skies. A history of early aviation in Arizona, circa 1910.

Announcements / New Business:

- **Tad Daughters completed his Private Pilot Certificate!**
- Darren Henley needs 7 ea. volunteers to help him with hanging of sheet rock in his new workshop.
- Cheri McGunagle gave an update on the Young Eagles project. Since inception, our Chapter has flown over 4,000 kids!
- There will be a Young Eagle event on Nov. 17th at KGEU. 60 kids – ROTC. Pot Luck after at Dave Biddle's hangar. Watch for Jim Moss's email for details.
- Alex Bodak brought up need for nominating committee for next years Board of Directors.
- Steve Stenstrom brought up FAA is considering an increase LSA limit from 1,320 lbs. to 3,000 lbs. According to Flying Magazine, "Both EAA and AOPA have told their members over the past few days that the FAA plans to publish a notice of proposed rulemaking as early as January 2019 that will address LSA weight limits as just one of a number of maybes, designed to allow pilots additional flexibility in the construction of kit aircraft. The NPRM is also expected to look at ways to possibly add electric aircraft to the LSA category."
- Steve Stenstrom also mentioned that FAA is planning another \$500 ADSB rebate program.

Old Business:

- Carlos is working on the Food Handler's Permit for cooking at events. He will need several volunteers (each will need Food Handler's Permit) to help with meal cooking.
- Carlos brought up continued discussion of Bob Brock's donation of his Lancair IVP airframe project. Value is over \$5,000 so will need appraisal. Carlos will talk with EAA regarding proper donation forms.

Adjourned

NEWS & EVENTS

ASK ATC

Do you have an ATC question but can't reach one? You're in Luck. Our own member, Steven Stenstrom works ATC for the FAA at Sky Harbor Intl Airport. He set-up an email for that. It is: eea538atc@gmail.com He is also happy to arrange a tour of the Phoenix Sky Harbor Control tower. Please email him on which month you can come for a tour.

NOTICE NOTICE

November is election of new officers.

Positions needing officers/Volunteers.

President

Vice President

Secretary

3 year Director

Four people have volunteered to become officers.

Darren Henley - VP

Katie Velvick - Director

Tad Daughters - As needed

Alexander Bodak III - Secretary

NOVEMBER 2018 WALLPAPER CLICK PHOTO FOR NOVEMBER 2018 WALLPAPER



NOVEMBER 2018 SPORT AVIATION MAGAZINE

**CLICK PHOTO FOR NOVEMBER 2018 SA
MAGAZINE**



MY EXPERIENCE WITH A NEW AIRPLANE AND ACROBATICS BY ERIC MOORE

On the Path to my first IAC contest

The great thing about flying airplanes is that there are many flavors to suit just about anyone's goals, ambitions or needs. From simple pleasure flying around the patch, travel, \$100 hamburgers, homebuilding, ultralights, LSAs, aerobatics, racing, you name it, there is an airplane to do it with. After earning my private back in 2005 I relocated to Daytona Beach, FL to study Aerospace Engineering. At that time, I started road racing motorcycles, a sport I continued with for the next 12 years. Flying was always in the back of mind and I frequently said to myself that I would get back to it someday, although I didn't know then in what capacity that would be. About 3 years ago I met Ted Rich and Elaine Carpenter through racing motorcycles. Ted, Elaine and Anitta (my SO) became good friends, racing motorbikes, and doing fun and adventures things. Ted had a Mooney and Elaine had a Grumman Yankee. Slowly the wheels started turning. Seeing how much Ted and Elaine were enjoying flying made me want to get back in the air. It wasn't until Ted decided that he was going to buy an aerobatic biplane and that I could fly it if I got checked out (and current) again that my love of aviation was relit. At that time, I still wasn't sure what I wanted to do in aviation. Weather I would be content flying straight and level or weather I wanted to start exploring 3D space. I was leaning towards aerobatics, but I had never done it, aside from some spin and upset training in a Decathlon a dozen years ago. I decided to jump in and give it a go. After 2 hours flying with Sonny Weller I was current again, flying his Decathlon. I was having fun but I could see myself getting bored just hopping from field to field, and shooting touch and goes. It was time to get inverted.

Our first aerobatic flight was wasn't a little green around the hooked on the challenge and with precision. Each flight built my competence and skill set. I now, putting together the 6 fun and challenging. I certainly after each training I flight. I You can probably tell that my stagnant. If I have a work to constantly improve myself and test myself in competition. This carries over to many other facets of my life and airplanes are no different.



spins and loops. I would be lying if I said I gills after about 30 minutes. I was instantly developing the skill to fly the maneuvers on the last. As my tolerance increased, so did am flying the compete IAC primary sequence maneuvers that make the primary category is feel a sense of pride and accomplishment now know that this is what I want to do. personality does not lend itself to being motorcycle, I have to race, I have to train and

So with a path defined, and Sonny as my instructor I have been building that basic skill set with the goal of flying my first contest sometime after the first of the year. Without an aircraft of my own, frequent practice gets to be quite expensive, so I recently bought a Pitts S1S which I am looking forward to flying. It is currently in Texas waiting to be ferried. In the mean time I am working on my Pitts checkout with Bud Davisson in his S2A. Having never been to an IAC contest I made the trip down to Marana this past weekend to check out the Tequila Cup. The Tequila Cup is hosted by IAC chapter 62 and is the only contest currently held in AZ. I wasn't sure what to expect or even if I would have access to the field. Arriving at Marana Regional the desk staff pointed us to where contest registration was set up. I met Jim at the registration desk and explained that I was an aspiring competitor and that I was here to check out the contest and see how things work. Jim was incredibly welcoming and went out of his way to introduce me to some of the other chapter members who were helping to administrate the contest. Soon I was in my truck following another chapter member out to the judging line. There I was able to sit with the chief judges as they gave me the play by play of each competitor's sequence. They explained how each competitor enters the box and what the judges are looking for when grading each figure. Again, I couldn't have hoped to meet such a welcoming group of people who were truly excited that I was interested in becoming a competitor. Coming from a racing background where things are bit more, let's say, intense and perhaps intimidating, this was a welcome change.

I left the airport a little sunburnt, but happy and excited about my next steps in aviation. Now to get my Pitts to Phoenix. As little as four months ago I didn't know what I wanted to do in aviation. It's the enthusiasm of the

MY EXPERIENCE WITH A NEW AIRPLANE AND ACROBATICS BY ERIC MOORE CONTINUED

people that makes it easy to jump back into it, felling as if you've never left. I am looking forward to flying the Pitts and working on increasing my skill and competence. If you've never been upside down in airplane, I totally recommend an aerobatic flight or at the minimum some spin and upset recovery training. At the very least you see what an airplane is capable of and learn how to recover from an unusual attitude. Aerobatics may not be for everybody, but it is what has made me love flying again.

WEBINARS FOR NOVEMBER

View Webinar Video Archives

EAA gratefully acknowledges the support of Aircraft Spruce and Specialty Co. for their generous sponsorship of EAA webinars.

Registration is required, and space is limited.

Date	Time	Title	Presenter(s)
11/13/18	7 p.m. CST	Ray Aviation Scholarship- A Flight Training Fund for Your Chapter	David Leiting, Chapter Outreach Specialist

Through the generous support of the Ray Foundation, EAA will provide up to \$10,000 to deserving youths for their flight training expenses, totaling \$1,000,000 in scholarships annually. These scholarships will be administered by the EAA chapter network, to get former Young Eagles in the pilot's seat. Join David Leiting from the EAA chapter office as he explains the details around the Ray Aviation Scholarship Fund, and how your chapter can become eligible to gift the magic of flight to youths in your area.

11/14/18	7 p.m. CST	Charting Your Course: Deciphering the VFR Sectional Aeronautical Chart Qualifies for FAA Wings credit.	Prof. H. Paul Shuch
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In use for innumerable decades, the primary resource for inflight VFR navigation remains the ubiquitous sectional aeronautical chart. In this FAA safety team WINGS qualifying webinar, seasoned CFI Prof. H. Paul Shuch will walk you through the sectional's most frequently encountered symbols, and teach you how to interpret the chart's sometimes confusing key.

11/21/18	7 p.m. CST	Tailwheel Flying Techniques Qualifies for FAA Wings credit.	Glen Oliphant
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This presentation will cover the basics of flying a tailwheel aircraft. Although some theory will be reviewed, the aim is to outline practical techniques as well as answering some of the age-old questions regarding flying a tailwheel aircraft such as, which is the better landing method to use: wheel or three-point. Glen Oliphant will identify common errors and provide suggestions for techniques.

11/28/18	7 p.m. CST	ADS-B: A Practical Guide For Pilots Qualifies for FAA Wings credit.	John Zimmerman
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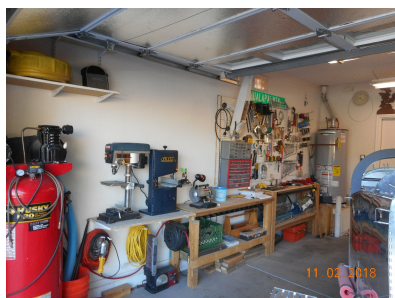
Automatic dependent surveillance broadcast (better known as ADS-B) is quickly becoming a reality. Unfortunately, much of the information related to ADS-B is unnecessarily confusing. While ADS-B may be confusing, it's probably the most important technological change you will experience as a pilot over the next two decades. So it's worth the effort to learn this new language as the 2020 deadline for ADS-B Out equipage looms. Learn about the leading panel-mount ADS-B solutions plus the exciting developments in the portable market from Sporty's ADS-B expert, John Zimmerman. We'll cut through the jargon so you understand what's important — and what's not.

MEMBERS PICTURES & INFORMATION

I have us registered for amazon smile. <https://smile.amazon.com/>

When you log into the Amazon Smile site, you must select the charity you are supporting. You will see this area in the black upper band - middle of the screen. Note: Currently, Guide Star, the company that Amazon uses to verify qualified charities only utilizes the first line of our name: "EAA 538" is used. Once on the Amazon Smile site, you will order as usual. **John Gregg Jr.**

Carlos had an open house and donuts on Saturday Nov 3, at his new house in Litchfield.. Here are the pictures I took. Alex



For those who have not made it out to Darren Henley's, here is the progress he has made. The workshop and desk areas are painted. The rest of the shop is taped. Anybody do spackling and sanding well? Email Darren at: p51bldr@yahoo.com



CALLING ALL EAA CHAPTER 538 MEMBERS & VISITORS.

Along with my request for articles, pictures, info for this newsletter, Thirty (30) people out of the 50 or so members have done the ten questions at survey monkey about our chapter and how we can improve it above the great job that Carlos and the rest of the officers/board member are doing. Please take six (6) minutes out of your day to help us make our chapter even better. You can copy and paste it into a web browser and go. You can hold CTRL and click on the link below.

<https://www.surveymonkey.com/r/9NYJZBV>

If you have any ideas for speakers for the chapter meetings please forward them to us. I am starting 2019 speakers and have the January speaker so far...

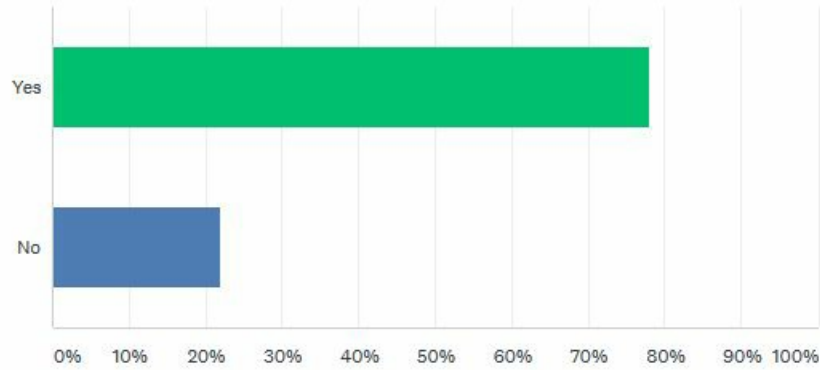
RESULTS FROM THE 30 PEOPLE WHO TOOK THE 10 QUESTION, 6 MINUTE SURVEY TO IMPROVE CHAPTER 538.

Q8

Customize Save As

Would you like information/briefing about the various airports within a 150 miles circle from Phoenix? Yes or No.

Answered: 32 Skipped: 1



ANSWER CHOICES	RESPONSES
Yes	78.13% 25
No	21.88% 7
TOTAL	32

ANSWER CHOICES	RESPONSES
Technical Information (custom built, Builder reports, Restorations reports)	78.13% 25
Skill Workshops (Hands on learning)	59.38% 19
Commercial products / Vendors	46.88% 15
Piloting, such as VFR, IFR, GPS, Safety ie FAA Wings	65.63% 21
Project Visits	78.13% 25
Field Trips such as ATC center /Tower /Tracon /Museums	81.25% 26
Aviation History	59.38% 19
Airplane/Places Photography or Video techniques	40.63% 13
Aviation Racing	37.50% 12
Aerobatics	34.38% 11
EAA and EAA Foundation Programs	43.75% 14
Gray/ Bald Eagle Flights	46.88% 15
Travels by Personal Aircraft	46.88% 15
Breakfast/ lunch /dinner Fly to	84.38% 27
Vintage or Warbirds info/visits	50.00% 16
Ask a Pro/ Expert /Members Questions and Answers	62.50% 20
Tools or skills you would be willing to share	50.00% 16
Copperstate and other Fly-ins, or Air Shows	81.25% 26
Total Respondents: 32	

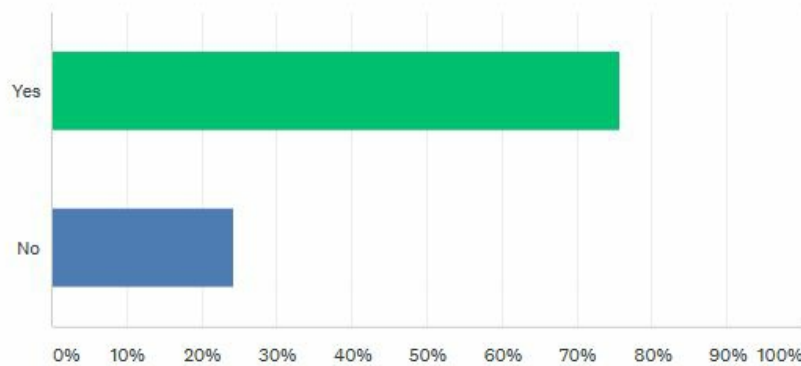
SURVEY CONTINUED

Q9

Customize Save As

Would you like to see more links to websites about building, homebuilts, techniques, U-tube videos, or Facebook aviation sites in the newsletter besides the wallpaper and Sport Aviation magazine? Yes or No.

Answered: 33 Skipped: 0



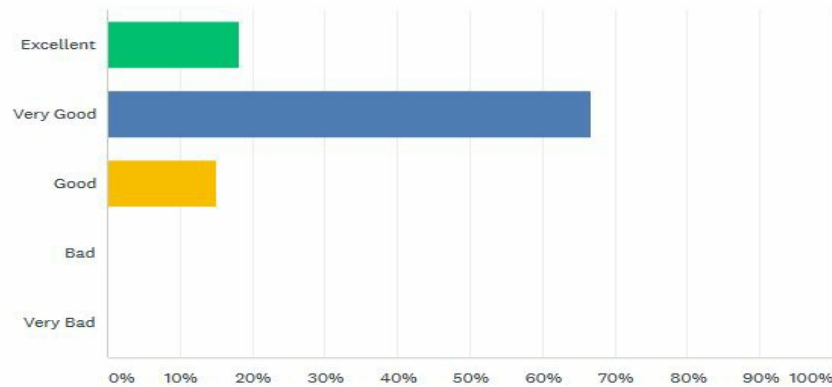
ANSWER CHOICES	RESPONSES
Yes	75.76% 25
No	24.24% 8
TOTAL	33

Q7

Customize Save As

What is your overall satisfaction rating with regard to how well this chapter is meeting your expectations and interests. Pick one.

Answered: 33 Skipped: 0



ANSWER CHOICES	RESPONSES
Excellent	18.18% 6
Very Good	66.67% 22
Good	15.15% 5
Bad	0.00% 0
Very Bad	0.00% 0
TOTAL	33

SURVEY CONTINUED

What would you volunteer for the chapter?

ANSWER CHOICES	RESPONSES
▼ Hangar Dance	18.18% 6
▼ Fly-in for chapter or other group	57.58% 19
▼ EAA tours (Tri-Motor, B-17, etc.)	54.55% 18
▼ Young Eagles Flights	84.85% 28
▼ Local Work Party Weekend	51.52% 17
▼ Chapter Picnic	39.39% 13
▼ Fly-outs	60.61% 20
▼ AirVenture Oshkosh as a chapter function	39.39% 13
▼ Awards Christmas banquet/party	36.36% 12
▼ Builders Workshops	60.61% 20
▼ EAA Leadership boot camp	15.15% 5
▼ Pot lucks/lunch after a young eagles flights	54.55% 18
▼ Working on a committee to find speakers, webinars, activities or places to go for the chapter.	24.24% 8
▼ Tutorial on the Chapter or EAA Websites.	12.12% 4
▼ Any other volunteer opportunity chapter could be doing. List your own. Up to 100 character limit. Responses	3.03% 1
Total Respondents: 33	

A FEW RESOURCES FOR THE AIRCRAFT HOMEBUILDER:

6. <http://www.actechbooks.com/subcategories/50/>
7. <https://www.eaa.org/en/eaaviation-communities-and-interests/homebuilt-aircraft-and-homebuilt-aircraft-kits>
8. <https://www.youtube.com/watch?v=M5FG8s7CeTo> Resources from FAA video.
9. <https://www.youtube.com/user/HomebuiltHELP>
10. <http://www.flyboyaccessories.com/>
11. <http://www.kitplanes.com/homebuilders-portal/firsttimebuilders.html>
12. <http://www.aircraftdesign.com/sadfh.html>
13. <http://www.freeflightcomposites.com/>
13. <http://www.homebuilt.org/vendors/services/construction.html>
14. <https://www.sonexaircraft.com/builder-organizations-and-events/>
15. http://landings.com/_landings/pages/homebuilding.html
16. <https://www.aircraftspruce.com/>

EAA CHAPTER 538

MEMBERS, FAMILY AND FRIENDS
ARE INVITED TO OUR FALL

POTLUCK EVENT

November 17th STARTING around NOON

FOLLOWING OUR YOUNG EAGLE RALLY
MEET AT DAVE BIDDLE'S HANGAR (HANGAR B - CACTUS HANGARS
LOCATED AT NORTH END OF THE AIRPORT)

Alexander Bodak will supply the Baked Potatoes

MEMBERS WITH LAST NAMES A-I BRING A SALAD OR SIDE

MEMBERS WITH LAST NAMES J-R BRING A MAIN DISH

MEMBERS WITH LAST NAMES S-Z BRING A DESSERT OR BEVERAGE

COPPERSTATE FLY-IN & EDUCATION EXPO BUCKEYE AIRPORT, AZ (KBXK) FEBRUARY 8 - 10, 2019

46th
ANNUAL

In Partner with **BUCKEYE AIR FAIR**

Buckeye Air Fair is only Feb. 9th & 10th

- Many Types of Aircraft on display
- Aviation Educational Workshops
- Forums & Seminars
- Airshows
- Aircraft Rides available
- Aviation Related Exhibits & Vendors
- Learn how You could be a Pilot
- Food and Camping Available
- **FREE ADMISSION**



Sign up Today for our Newsletter and visit our websites for event details

**WWW.COPPERSTATE.ORG
& WWW.BUCKEYEAIRFAIR.COM**