

April 2019 Newsletter Volume 43, Number 04

The Static Line

Leroy Castle Memorial EAA Chapter 538 Phoenix, AZ

Website: www.538.eaachapter.org
Email: eaa538board@gmail.com
www.facebook.com/eaa538



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

IN THIS ISSUE

pg. 1
pg. 1
pg. 2
pg. 3
pg. 4
pg. 5-6
pg. 7-10
pg. 11
pg. 12
pg,.13
pg. 14
pg. 15-17
pg. 18

2019 CALENDAR

April 6, 2019 - Young Eagles
Pot Luck after at Dave hangar
April 9, 2019 Monthly Meeting
Speakers Ryan Reeves & Marty Kickhuff
Review CopperState/Buckeye.

December 10, 2019 Christmas Party

2019 CHAPTER OFFICERS / DIRECTORS

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

Vice President – Darren Henley Email: p51bldr@yahoo.com

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

Secretary – Alexander Bodak III Email: cpucoach@yahoo.com

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

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

3 year Director - Katie Velvick Email: rv4chick@cox.net

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

Webmaster – Alex Bodak Email: eaa538board@gmail.com



SECRETARY'S REPORT

Meeting was called to order at 6:35 P.M. Carlos began with the self introduction of our visitors. Larry Jet Jackson was our speaker. He is retired Air Force, Airline, and now the Youth Coordinator for the ACE academy. I called him and he was at the top of Mount Kilimanjaro, in Africa. The Archer-Ragsdale Tuskegee Airman chapter sponsors twenty-five students for one week every summer. ACE accepts 13 to 17 years and it starts June 3, going from 7 AM to 4 PM every day. They finish it by coming to a Young Eagles event. It is coming up on June 8th, 2019 at the Glendale Airport. He talked about and showed a video narrated by Col. Charles McGee. It showed footage from the Red tails cameras and both the 332 and 447th fighter group. Some of the people in those groups were Airman Davis, Jim Warren, Thurston Gay, Bob Ashbee, and Charles McGee. On December 5th 2019 Col McGee turns 100. He also talked about the Boeing 737 crash and what the cockpit is like and some of the procedures pilots follow in an emergency.

Carlos then played the March Chapter Magazine which talked about some of the free things for students like Sporty's ground school, a six month's trial membership, and the Oshkosh academy.

Charley Becker also previewed the Fun-N-Sun Fly-in. He gave several items about AirVenture such as if you can get eight to twelve people together to man/cook breakfast, all the proceeds go to the chapter. In the hints for home-builders section it displayed a RECALL notice about Speck magnetos due to a defect.

A call for volunteers to pick-up the last of the Lancair IV parts from Deer Valley Airport. A reminder for all those who do young eagles and any other interacting with youth, to check to make sure you are current with their certifications from EAA.

It was strongly suggested that EVERYONE start planning to get to AirVenture and the rental of camp site(s). You can start reserving spaces in early June. Also, a reminder to use smile.amazon.com to order things online so that Chapter 538 gets a few cents from your purchases.

Meeting adjourned at 8:25PM

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: eaa538atc@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 -

CHAPTER MEMBERSHIP REMINDER:

2019 DUES ARE NOW DUE!
PLEASE BRING YOUR \$20
CASH/CHECK/PAYPAL FOR
YOUR 2019 MEMBERSHIP
RENEWAL.



2019 APRIL WALLPAPER CLICK PHOTO FOR APRIL 2019 WALLPAPER



APRIL 2019 SPORT AVIATION MAGAZINE
CLICK PHOTO FOR APRIL 2019 SA MAGAZINE



FOR SALE PAGE

Sonex Aircraft Project
Moving, must sell, will concider \$15K
High Performance, aerobatic.

New 120 H.P. Engine and propeller. No parts missing.
Advanced assembly stage, just the wings to fab yet.
Dual stick, still time to opt for single center stick.
AZ sales tax paid. Based at Mesa Falcon Field.

Call Bob at 480-220-3252 azbobsmith@msn.com
Member of EAA Chapter 228



AIR PLANE FOR SALE

2005 Van's RV-9 A N451CB - AeroSport Power Lycoming O-320 160 HP ~540 hours since New. Sensenich 2-blade Fixed Pitch Prop Trio 1-axis autopilot, Uavionics EchoUAT ADS-B In/Out, Advanced Flight Systems (now Dynon), EM-3400 full digital Engine Monitor, ICOM A200 Radio with 9 memory channels, Garmin GTX320A Transponder, Garmin 296 GPS, Flight Data Systems AFP-35 Air Data Computer, two Lightspeed Noise Canceling Headsets Elect. Trim – Aileron & Elevator, Strobes, Electric Flaps, Full Dual Controls, Sliding Canopy, Rosen Sun Shade – full length, Bruce's Canopy Cover, Fresh Annual.

PERFORMANCE

1400 fpm climb at 1750# Gross, Stall 50 mph, Top Speed 196 mph, Cruise 75% power at 8000 ft 186 mph, Cruise 55% power at 8000 ft 166 mph, Economy <6 gallons per hour at 175 mph. Flight Test Info at https://cafe.foundation/v2/pdf cafe apr/rv-9a.pdf

Price \$69,000, Call Chuck Peterson at 602-908-7380,







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 Alex. I am starting 2019 speakers and am looking for the May speaker.



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.**

AIRPORT OF THE MONTH - PHOENIX - GOODYEAR





Goodyear Airport has an ideal location for aviation-related development.

PHOENIX GOODYEAR AIRPORT AIRPORT STATISTICS February 2019

Aircraft Operations

	Feb 2019	Feb 2018	Change	2019 YTD	2018 YTD	Change
Air Carrier	272	459	-40.7%	526	884	-40.5%
General Aviation	7,533	5,221	44.3%	13,584	10,850	25.2%
Military	422	369	14.4%	541	539	0.4%
Total	8,227	6,049	36.0%	14,651	12,273	19.4%

AIRPORT OF THE MONTH - PHOENIX - GOODYEAR CONTINUED

History



Forever in Service

Before it became a part of the City of Phoenix airport system, Goodyear was known as the Naval Air Facility Litchfield Park (or NAF Litchfield Park). It had a long history of military service. In 1941, with World War II raging in Europe, the Goodyear Aerospace Corporation offered land to the U.S. Defense Plant Corporation. The U.S. Navy used the land to build aircraft flight decks and established a U.S. Naval Air Facility to test fly and deliver aircraft. This necessitated the construction of a landing field, hangar and runway.

After the war ended, the naval facility remained operational to preserve and store aircraft from 1945 to 1965. At one point, more than 5,000 aircraft were in storage. The Korean Conflict brought the airfield back to active duty in the fifties. At the end of the conflict, the facility was decommissioned. The majority of remaining aircraft were moved to Davis Monthan Air Force Base in Tucson and the U.S. General Service Administration put the entire 800 acre site on its surplus list.

In 1968, the City of Phoenix purchased the property as an alternative airport to Phoenix Sky Harbor. A master plan was crafted for the airport in 1986 that called for a new terminal building, hangars and support facilities. To date, Goodyear Airport's improvements have included a new terminal, T-hangars, ramp space, tie downs and an airport maintenance facility.

Airfield



Field Specifications

Runways	03/21 - 8,500 x 150 ft
Field Elevations	971' MSL
Location	33°25.3'N 112°22.5'W
Size	789 acres

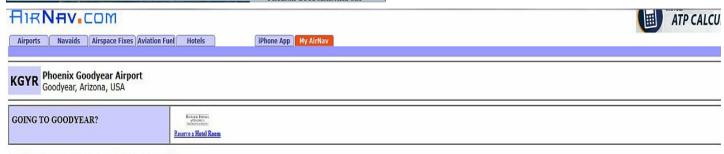
Airport Remarks

Attended 1300 - 0400Z. E-W power lines 100 feet AGL 1/2 mile S approach end Rwy 03 unmarked and unlighted some NSTD marking. Numerous large acft parked approximately 500′ W of Rwy 03-21. Mountains SE at 6 miles to 4500′. Military jet tfc 5 miles west of arpt. Acft departing Rwy 03 assigned right crosswind climb straight ahead to Litchfield Road or passing 1032′ AGL before starting right turn. Noise abatement in effect ctc 602-683-2669. Noise sensitive neighborhood 1-3 miles NNE-NE of arpt. TPA -1971(1000) light acft and non-turbo jets; 2471(1500) heavy acft and turbo jets; 1471(500) helicopters. For MIRL Rwy 03-21 or REIL Rwy 03 and Rwy 21 during dalgt hrs ctc twr or arpt on 623-932-4550. After SS MIRL Rwy 03-21 are on. PAPI Rwy 03 and Rwy 21 opr continuously, REIL Rwy 03 and Rwy 21 turned off when twr clsd. Fee for all charters; travel clubs and certain revenue producing acft. User fee arpt. NOTE: See Special Notices - Aerobatic Operations.

AIRPORT OF THE MONTH - PHOENIX - GOODYEAR CONTINUED THINGS TO DO IN GOODYEAR. AERIAL VIEW OF KGRY



- 1. American Sports Center
- 2. Pebblecreek Golf Resort
- 3. Goodyear Ballpark
- 4. Phoenix International Raceway
- 5. Goodyear Skate park
- 6. Estrella mountain Regional Park
- 7. Brass Armadillo Antique Mall -West
- 8. Corral West Horse Adventures
- 9. Saddle mountain Brewing Co.
- 10. Hawaiian Experience Spa.



FAA INFORMATION EFFECTIVE 28 MARCH 2019

Location

FAA Identifier: GYR

Lat/Long: 33-25-23.8310N / 112-22-31.2730W 33-25.397183N / 112-22.521217W 33.4232864 / -112.3753536 (estimated) Elevation: 968.9 ft. / 295.3 m (surveyed) Variation: 10E (2020) From city: 1 mile SW of GOODYEAR, AZ Time zone: UTC -7 (year round; does not observe DST)

Airport Operations

Airport use: Open to the public

Control tower: yes ARTCC: ALBUQUERQUE CENTER

FSS: PRESCOTT FLIGHT SERVICE STATION NOTAMs facility: GYR (NOTAM-D service available)

Attendance: CONTINUOUS

Pattern altitude: 1968(1000) LIGHT ACFT & NON-TURBO JETS; 2468(1500) HEAVY ACFT & TURBO JETS; HELICOPTERS 1468(500).

Wind indicator: lighted

Lights: FOR MIRL RY 03/21 OR REIL RYS 03 & 21 DURG DALGT HRS CTC ATCT OR ARPT ON 623-932-4550. AFTER SS MIRL RY 03/21 ARE ON. PAPI RYS 03 & 21 OPERATE CONTINUOUSLY; REIL RYS 03 & 21 TURNED OFF WHEN ATCT CLSD. Beacon: white-green (lighted land airport)

Operates sunset to sunrise.

International operations: FEE FOR ALL CHARTERS; TRAVEL CLUBS AND CERTAIN REVENUE

AIRPORT OF THE MONTH - PHOENIX GOODYEAR CONTINUED

Airport Communications

CTAF: 120.1 UNICOM: 122.95 ATIS: 118.35

GOODYEAR GROUND: 121.7 [0600-2100] GOODYEAR TOWER: 120.1 239.3 [0600-2100]

LUKE APPROACH: 125.45 SOUTH

PHOENIX APPROACH: 120.7

LUKE DEPARTURE: 125.45 SOUTH

PHOENIX DEPARTURE: 120.7 DSERT STAR: 120.7

JCOBS STAR: 120.7

WX ASOS at LUF (7 nm N): 267.4 (623-877-8609) WX AWOS-3 at GEU (7 nm NE): 119.425 (623-877-8609) WX AWOS-3 at BXK (16 nm W): 119.625 (623-386-7627) WX ASOS at PHX (18 nm E): PHONE 602-231-8557

- EMERG FREQ 121.5 NOT AVBL AT ATCT.
- PHOENIX RCO 122.6 122.2 (PRESCOTT RADIO)

Nearby radio navigation aids

VOR radial/distance VOR name Freq Var PHOENIX VORTAC 115.60 12E PXRr256/20.3 BXKr081/22.6 BUCKEYE VORTAC 110.60 14E GBNr014/31.8 GILA BEND VORTAC 116.60 14E WILLIE VORTAC 113.30 13E IWAr268/37.0 STANFIELD VORTAC 114.80 12E TFDr312/39.9

NDB name Hdg/Dist Freq Var ID

CHANDLER 276/30.0 407 12E CHD - . - - . .

Airport Services

Fuel available: 100LL JET-A Parking: tiedowns Airframe service: MAJOR Powerplant service: MAJOR

PHOENIX GOODYEAR AIRPORT IATA: GYR · ICAO: KGYR · FAA LID: GYR Summary Airport type Public City of Phoenix Owner Serves Phoenix Arizona Location Goodyear, United States Hub for CTC Aviation Lufthansa Flight Training German Air Force KLM Flight Academy **Elevation AMSL** 971 ft / 296 m Coordinates 33°25'41"N 112°22'28"W Website goodyearairport.com@ Map XGYR

Phoenix Goodyear Airport

Runway Information

Runway 3/21

Dimensions: 8500 x 150 ft. / 2591 x 46 m Surface: asphalt, in good condition Weight bearing capacity: PCN 66 /F/B/W/T

Single wheel: Double wheel: 200.0 Double tandem: 270.0

Runway edge lights: medium intensity

Gradient: SW

RUNWAY 3

Latitude: 33-24.845365N Longitude: 112-23.037193W Elevation: 942.5 ft.

Gradient: 0.4% UP Traffic pattern: left Runway heading: 028 magnetic, 038 true

Markings: precision, in good condition precision, in good condition

Visual slope indicator: 4-light PAPI on left (3.00 degrees glide path) 4-light PAPI on left (3.00 degrees glide path)

Runway end identifier lights: yes

Touchdown point: yes, no lights

33-25.948355N 112-22.006093W 968.7 ft. 0.3% DOWN right

RUNWAY 21

208 magnetic, 218 true

ves, no lights

Helipad H1

Dimensions: 64 x 64 ft. / 20 x 20 m

Surface: concrete Runway edge lights: PERI

PERIMETER LIGHTS- MEDIUM INTENSITY

Latitude: 33-25.752833N Longitude: 112-22.045000W Elevation: 968.0 ft.

Traffic pattern: left

left

WEBINARS FOR APRIL 2019 URL: HTTP://WWW.EAAVIDEO.ORG/CATEGORY/VIDEOS/WEBINARS

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)
4/10/19	7 p.m. CDT	Good Things to Know About ADS-B Installation	Dick Socash
		Qualifies for FAA WINGS and AMT credit	

For some, the task of selecting, installing, and testing an ADS-B Out solution to meet the January 1, 2020 mandate remains. Dick Socash recently installed an ADS-B system in his experimental RV-7A and learned general information is easily located on the internet, but the details on how things work are sometimes harder to find. Such as, once a system is installed, how does one test, interpret the flight report, and troubleshoot problems? When buying an ADS-B system online and installing it yourself, there sometimes is a feeling of being technically abandoned. Dick will share his experiences to help ease your concerns.

4/17/19 7 p.m. CDT Buying, Selling, Importing, and Exporting Homebuilt Aircraft and Projects Tim Hoversten

Qualifies for FAA Wings credit.

Tim Hoversten, EAA technical aviation specialist, will provide advice, share tips, and review the paperwork and rules for buying, selling, importing, and exporting experimental amateur-built aircraft and projects. Special emphasis on buying and selling from Canada and liability concerns associated with maintaining, buying and selling.

4/23/19 7 p.m. CDT Controllability as Affected by Weight and Balance Gordon Penner

Qualifies for FAA Wings credit.

Gordon Penner, master CFI-Aerobatics and FAA Gold Seal instructor, presents a simple and practical description of how critical flying within weight and center of gravity (CG) range is to controllability of the airplane. He will provide examples of how being out of CG range can put your aircraft out of control.

DAVID EVANS TRIP TO SEE FOUR PEAKS

Attached is a picture flying the east transition over KPHX looking east at the Salt River, with Four Peaks at the horizon with Red Mountain near the foreground of Four Peaks.



DARREN HENLEY CONTINUED PROGRESS ON HIS SHED



PICTURES FROM THE PICK-UP OF THE REST OF THE LANCAIR IV







PICTURES FROM THE PICK-UP OF THE REST OF THE LANCAIR IV - CONTINUED











LETTER FROM RON DECANDIA:

Hi! Ron DeCandia, Chapter member & Technical Counselor here! I've been unable to attend meetings & participate in chapter events due to teaching adult A&P classes nights at West-Mec Aviation HS (Glendale) & family issues in Tucson. I'm John Greg's flight instructor at KGYR (he soloed & as soon as his knee replacement heals we will resume training). I've also for the last year have been helping fellow Chapter member, Phillip Meyer with restoration of his Vertical Aviation Technologies, Hummingbird 260L helicopter. We recently obtained FAA Experimental Certificate of Airworthiness from DAR, Gary Towner. Our first flight is scheduled early May. Aircraft has 80 hrs on it from original builder in NZ, Mr Glenny Johnson. It's been quite a paperwork "adventure" getting the NZ CAA Experimental C of A converted to FAA. We (my A&P students and I) completed the Condition Inspection Jan 30th along with a long list of discrepancies. It should be mentioned that I act in the capacity of EAA Tech Counselor while my students act as mechanic helpers and in many cases make their first A&P log book entries!

We have the VAT Factory Test Pilot (a previous US Army Blackhawk, and Sikorsky Helicopter test pilot coming into fly it (who owns & flys an original military version of the Kit Helicopter we're working on) and check out Phillips CFI, Mr Nigel Cooper of New Zealand.

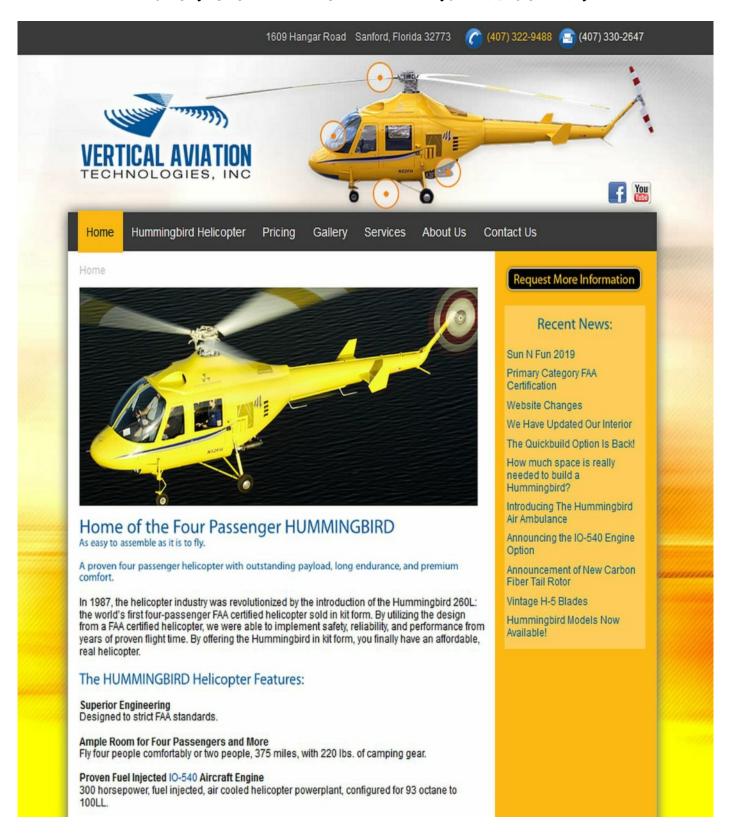
I will send photos separately. SEE NEXT PAGE, AB3

Thanks & looking forward to getting back to chapter activities. Ron DeCandia A&P/IA/CFI

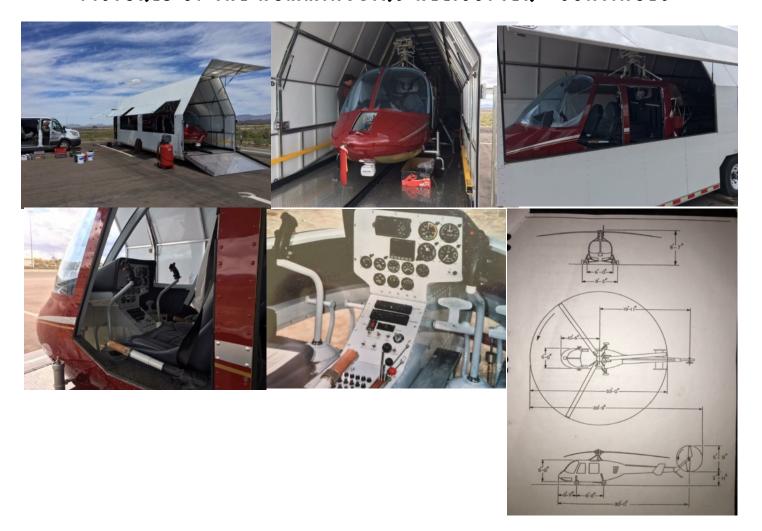
Helicopter in its custom built trailer at the Wikkenberg Az airport where it's stored. All work performed in and about the trailer and outside

The webpage for the Hummingbird is http://vertical-aviation.com/

PICTURES OF THE HUMMINGBIRD HELICOPTER.



PICTURES OF THE HUMMINGBIRD HELICOPTER - CONTINUED



YOUNG EAGLES FLIGHTS FROM SATURDAY APRIL 6, 2019 A GREAT BIG THANKS TO ALL THE PEOPLE WHO MAKE IT A SUCCESS,



YOUNG EAGLES FLIGHTS FROM SATURDAY APRIL 6, 2019 - CONTINUED



04.06.2019 01:46

YOUNG EAGLES FLIGHTS FROM SATURDAY APRIL 6, 2019 - CONTINUED



HANGAR FOR SALE,



EAA CHAPTER 538 FLY-IN / DRIVE-IN PANCAKE BREAKFAST

APRIL 27 7:30 AM - 10:30 AM GLENDALE MUNICIPAL AIRPORT (HGEU) GLENDALE, ARIZONA

MENU

PANCAHES, SAUSAGE, SCRAMBLED EGGS, COFFEE, JUICE AND MILH

ADULTS \$7

HIDS \$4 (II AND UNDER)



EVERYONE!

FLY-IN, DRIVE-IN
OR WALK-IN
AS LONG AS YOU
MAKE IT BY
IO:30 AM OR
BEFORE WE RUN
OUT WE'RE
SERVING!

BREAHFAST SERVED ON LAWN AT NORTH END OF TERMINAL

PROCEEDS TO BENEFIT EAR CHAPTER 538 AND ITS YOUTH EDUCATION PROGRAMS
WWW.538.EARCHAPTER.ORG / EARE38BOARD@GMAIL.COM / WWW.FACEBOOK.COM/EARE38