



July 2024 Newsletter Volume 48, Number 07

Leroy Castle Memorial EAA Chapter 538 Phoenix, AZ

Website: <https://chapters.eaa.org/ea538>

Email: ea538board@gmail.com

Facebook: www.facebook.com/ea538



**Monthly meeting are the second Tuesday of every month starting 6:30 P.M.
At 7856 North Glen Harbor Blvd.. Glendale.**

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2024 Chapter Officers / Directors

President – Darren Henley
Email: p51blldr@yahoo.com

Vice President – Tad Daughters
Email: tadcnslt@lycos.com

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

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

1 year director – Tom Velvick
Email: tomvelvick@cox.net

2 year Director - Cheri McGunagle
Email: cherimcgu@gmail.com

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

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

Webmaster/Hangar – Carlos Hernandez
Email: pazmany.ch@gmail.com



2024 CALENDAR

- July 09, 2024
- August 13, 2024
- Sept 10, 2024
- October 8, 2024

PRESIDENTS JULY MONTHLY REPORT

Welcome EAA Chapter 538 Members, Family and Friends,

A happy belated Independence Day everyone. Two hundred and forty-eight years ago, our country obtained its independence from England. Since then, our right to self-rule has been the hallmark for freedom and liberty that is the envy of the world. I hope that everyone had a wonderful 4th of July celebration.

The Summer Solstice has passed and it is now evident (barely) that the days are getting shorter. In the final ten days of June, the length of the day has shortened by only three minutes. The day after the Summer Solstice, the day shortened by a whopping three seconds. Don't worry, as this quickly will accelerate. During the months of August and September, the day length will be reduced by as much as two minutes and three seconds. Fall can't get here soon enough. With the current temperatures above one hundred and ten degrees, outdoor work is especially difficult with a short window early in the morning. I plan my own yard work with a wake-up time at five am and a working time of about one and a half hours and as long as I have shade cast by the trees and building. I have plenty of work in open areas, but I must wait until overcast skies or cooler weather. I have several landscape projects involving concrete that I plan to do in the fall. Until then, I will be doing much of the preparatory work. A reminder to everyone, if you have to work outdoors, stay hydrated.

AirVenture 2024 is coming soon. July 22 thru 28 are the dates so mark your calendar. EAA's annual fly-in and airshow has a long history of various locations before settling at Whitman Field at Oshkosh, Wisconsin. This week long event involves many display aircraft, aircraft camping, vehicle camping, workshops vendors, forums, as well as the daily airshow which have the greatest performs available. It is one of the must see events for everyone so put in on your bucket list. We have several members that are planning to attend. For those of us that must stay behind, I hope you take lots of pictures and videos to document your experience. We would love to see it. After Oshkosh, there is not much to do until fall. This is when we have our first Young Eagles Event of the season. We usually have about 50-60 kids. We are looking for volunteers to help out. We need ground crew along with pilots and aircraft. In order to give the YE's a good experience, it is best to have plenty of aircraft. Remember to complete the Youth Protection Program. Information about this can be found at the Experimental Aircraft Association's website.

Our hangar is still progressing albeit somewhat slower than we would like. We have obtained most of the materials to frame-up the bathrooms and storage room. Framing is relatively quick and we can have the work done in a couple of weekends. It is too warm to work with the temperature are as high as they are, but August looks promising. Also we are completing the work necessary to hang the bi-fold door. We continue to receive monetary donations toward the hangar project. We have shortfalls that we did not anticipate due to significant increased cost of materials. Your donations are greatly appreciated. Once we are finished, we will have a great home and meeting place. I challenge everyone to donate, if only small amounts as with enough people, these donations add up. I still envision having a grand opening and barbeque to celebrate the years of planning and construction of this project.

Fall is coming up soon. This is the time where we elect new officers and board members. If you wish to help the chapter and keep us moving forward, let us know and how you can help. This will be enough for now. I hope to see everyone at the next meeting.

Darren Henley
President
EAA Chapter 538

EAA538 SECRETARY'S MEETING MINUTES FOR JUNE 11, 2024

Meeting called to order at 6:38 P.M. No new visitors.

Our speaker is Richard Simile. He mentioned that he got to fly with the F-16 Thunderbirds. He shared a few gems/hints. Do not put your headsets on top of your glare shield/instrument panel because it scratches the windshield. Build a preset avoidance setting of either left or right. As a last resort land on a road. It will cost you forty-five minutes to an hour of paperwork. Take soaring lessons. Practice airplane glide paths. If you are in trouble, declare an emergency. Preplan your flight with alternative airports along your route. Try to be two steps ahead of anything in front of you. Avoid birds as they fly up to 8K to 10K feet.

Aviation, Philosophy, Aeronautical Decision making. Stay out of clouds as there is a drastic temperature drop in them compared to clear skies. In an emergency over water put your wheel gear up. When looking for a place to land on land, if there are cows they always graze away from the wind.

If you do have to crash land, have a can of coke and small bag of crunchy Cheetos. Drink the cola, use a Swiss army knife to pry it open half way, then put sand in the bottom and stick a Cheetos in it and light it for heat and light. One Cheetos last for 20 to 30 minutes.

A Good flight is one with a safe outcome. A level one (1) is a fatality accident. A level two (2) is a safe and effective, efficient, and Precision preparation.

NASA Rule and Decision making.

Pick Prepared resolutions. Example you are flying a Bonanza on you way to Ocala Invermine. The engine is hickupy. Do you decide to continue or if you are within 3.5 miles of a preplanned airport. There is no decision. You glide to the airport instead of continuing and crashing. Beware of Distraction during take off. Aim for 150 ft going up to 3000 ft. if the plane stalls. You need to check quickly Fuel, Air, and Spark. KEEP REPEATING FLY THE PLANE! In 1998 he hit a goose but was able to fly the plane to a successful landing. Do Not have a phone within 20 ft of your airplane unless you turn it off! Read the POH at least once a year! Good Decision = Good Outcomes. Richard can be reached at Thunderbird Aircraft Sales LLC in West Chandler by phone at 602-884-2111.

Took a break at 7:54 P.M. Then we resumed at 8:10 P.M.

Tad Daughter stated that Complete Fire Protection would start on the Fire suppression/sprinkler system and complete 90% of it.

Cheri noted that last month we flew 21 young eagles with just three planes and pilots.

Carlos was able to reserve N538LC for the LeRoy Castle Stitts Playmate. Juan Rameriz is a welder and will get together with Carlos to lay-out the work still needed on the hangar & door.

Carlos moved to adjourn and Cheri seconded it at 8:30 P.M.

TREASURER'S JULY REPORT

EAA Chapter 538

Treasurer's Report

Thursday, July 4, 2024

PNC Savings -6896 Bal.	\$10,464.35
PNC Checking - 1117 Bal.	\$15,840.81
<hr/>	
PayPal Bal.	\$584.25
Total Cash on Hand	\$26,889.41

Vendors Paid / Expenses - Paid May & Thru Jun 10

6-22-24 Complete Fire Protection	\$28,889.42
<hr/>	
7/3/2024 B&B Etching, name tags	\$42.67
7-4-24 Staples, padded envelopes, shipping labels	\$45.38
Total Expenses Paid	\$28,977.47
<hr/>	

Paid Members:	57
Not Paid Members:	35

FOR SALE PAGE 1

For Sale Bradley Aerobat Kit. Right picture completed example, Company Info - no longer selling kits.



FOR SALE PROJECT: STOL KING



FOR SALE PAGE 2

RV-6A S/N 60271 SPECS & DETAILS. Please contact **Ed Daror via email : edoldpilot@gmail.com.**

Aircraft built by owner A&P/IA and Flight Tested and FAA certified as N72AE In June 2003

For Day, Night, VFR, IFR operations at 1800 Lbs. Gross Aircraft Weight for Normal and 1400 Lbs.

Aerobatics. Present Aircraft, Engine and Propeller Total Time in Service since new: 212 Hours.

ENGINE : Lycoming Factory new O-360-A1A 180 H.P. with Slick Electronic Ignition.

PROPELLER: Hartzell Constant Speed factory new Model HC-C2YK-1BF / F766A-4.

AVIONICS: Garmin GNC 300XL GPS/COM and ILS Indicator and a function unit, Narco 12D+ Nav/ Com and an ILS Indicator, Narco AT 150 Transponder, Garmin GMA 240 Audio Panel/Intercom, UAvionix ADS-B Out Bundle. All with separate antennas. EILT with remote Switch/indicator.

Autopilot: NAVAID Tru-Track coupled to GPS.

COMPASS: Vertical. FLAPS: Electrical. PITOT TUBE: Heated. Landing Lights: Dual. Wing Strokes: dual.

CARBURATOR: Temperature Gauge, THROTTLE, PROP, MIXTURE controls: Vernier type, Cabin

HEATER and ventilation controls, AEROBATIC HARNESS: Hooker 6 point on both seats, STEPS: on both sides.

INSTRUMENTS: All with internal controllable illumination. NOSE WHEEL: Improved Bearings by Splats Recently installed. BRAKES: Cleveland dual sides. AIRCRAFT CONTROLS: Stick type with Mike buttons.

This aircraft has and is always hangered at DVT in Phoenix, AZ. Engine is protected with preservative.

Aircraft is presently Airworthy. ALL Van's Aircraft Service Bulletins complied at last annual CONDITION

INSPECTION on June 12th, 2021. ADS- B needs to be rechecked in flight with FAA- ATC procedure.



I do have a 20 year collection of the EAA's Sport Aviation Magazines with the inherent wealth of information in them. All at a price of picking them up from my home. Please, kindly spread the word to membership and they can get in contact with me via my wife's email nova11@cox.net . (My own email 72ae@cox.net in the same account, is very capricious any more, but luckily, it still favors you with functioning in your communications with me. Others are trying to email me, like ASAG and the FAA are not so lucky, i find them arriving in the SPAM section, at best, but mostly not at all...) Cox has no answers, so after 26 years of my loyalty I am looking for another provider. Thank you very much for your kind help, Ed Daror

FOR SALE PAGE 3

AIRCRAFT BIRCH PLYWOOD AND MORE FOR SALE

No shipping (typical 4x4 sheet ships for over \$200 from California).

Example Pricing:

.4 mm 4x3.5 sheet \$70. (Catalog pricing is \$73 plus \$270 shipping)

.8 mm 5x5 sheet \$50. Catalog for 33% less plywood is \$40 plus shipping (only currently sold in 4x4 sheets) 5 sheets available

1.5 mm 5x5 sheet \$65. Compare catalog plus shipping for 16 square feet vs 25 sq ft.

3.0 mm 5x5 sheet (2 available) \$100. Compare to catalog 4x4 sheets

More material available in 4x8 sheets. 4x8 sheets of plexiglass. Great investments for future projects. Sound proofing material in original roll. Fiberglas rolls. Bring your micrometer to get what you need. Let's talk.

Would consider offers plus a generous donation to EAA Chapter 538 for all of the above.

Bob Hurni (602) 327-3290



FOR SALE PAGE 4

LIST OF WEBSITES FOR SELLING YOUR AIRPLANE.

- 01. <https://www.trade-a-plane.com/>
- 02. <https://www.aerotrader.com/sell-aircraft>
- 03. <https://www.hangar67.com/seller>
- 04. <https://www.barnstormers.com/>
- 05. <https://www.winglist.aero/>
- 06. <https://avpay.aero/sell-aircraft-jet-plane-helicopter/>
- 07. <https://www.globalair.com/aircraft-for-sale>
- 08. <https://www.controller.com/listinginput>
- 09. <https://www.aso.com/>
- 10. <https://www.aviation-marketplace.com/>
- 11. <https://www.ridgeaire.com/>
- 12. <https://findaircraft.com/findaircraft/>
- 13. <https://www.aircraftdealer.com/>



Lawrence Chris
From:lrencechrist11@gmail.com
Cc:cpucoach@yahoo.com
Sat, Apr 27 at 2:35 A.M.

Both items work as expected. The sidewinder would easily move the fully loaded 252 with extended tanks . Headset was used as backup only. Items will ship from 72023. PayPal or Zelle Thanks !!

Sidewinder \$1200.00 + shipping
Zulu 3 Headset \$500 + shipping



AIRPORT OF THE MONTH

12/12/2023	Eagle Airpark Airport	A09	163
1/9/2024	Clifton-Morenci	KCFT	183
2/13/2024	Colorado City	KAZC	
3/14/2024	St. John's airport	KSJN	181
4/12/2024	Safford Regional airport	KSAD	161
5/14/2024	Kayenta	MVM	249
6/11/2024	Polacca	PXL	193
7/9/2024	Window Rock airport	KRQE	
8/13/2024	Chinie	E91	239
9/10/2024	Flying J Ranch Airpark, Pima, AZ A	E37	149
10/8/2024	Phoenix Sky Harbor Intl	KPHX	18

SPEAKER OF THE MONTH

01/09/2024	Carlos Hernandez	Finishing Phase 1 with RV 7
02/13/2024	Mitch Counce	Flying Experiences and RV-9A
03/12/2024	David Courtney	Flying the Grand Canyon
04/09/2024	Alex Bodak	Buckeye Airfair Pictures in a PowerPoint.
05/14/2024	Ian Arnold	The worst plane ever built
06/11/2024	Richard Simile	Decision making using NASA rules
07/09/2024	Msgt Gorge Risinger	Information on the Civil Air Patrol
08/13/2024	Ivan Manoogian	FAA SDL FSDO FAAST Safety Program
09/10/2024	Dennis Newton	Flying drones for Power Station
10/08/2024	Brian Baker	Aircraft Photography
11/12/2024	Ernie Hilborn	Freedom's Wings AZ
12/10/2024	No Speaker –	Christmas Party

AIRPORT OF THE MONTH - WINDOW ROCK AIRPORT AZ

From Wikipedia, the free encyclopedia

Window Rock Tségháhoodzání Census-designated city Capital of the Navajo Nation Tségháhoodzání, the "Window Rock" Navajo Nation Council Chamber WWII Navajo Code Talker Memorial Location in Apache County and the state of Arizona Location in Apache County and the state of Arizona Window Rock is located in Arizona Window Rock Coordinates: 35°40′14″N 109°03′50″W﻿ / ﻿Country United States State Arizona County Apache Indian Reservation Navajo Nation Navajo Nation Tsíhootso Navajo Chapter Government

- Type St. Michael's Chapter Government • Chapter President Curran Hannon[citation needed] Area
- Census-designated city Capital of the Navajo Nation 5.29 sq mi (13.70 km²) • Land 5.29 sq mi (13.69 km²) • Water 0.00 sq mi (0.00 km²) Elevation[2] 6,765 ft (2,062 m) Population (2020) • Census-designated city Capital of the Navajo Nation 2,500 • Density 472.86/sq mi (182.56/km²) • Metro 6,336 Time zone UTC-7 (MST) • Summer (DST) UTC-6 (MDT) ZIP code 86515 Area code 928 FIPS code 04-83720 GNIS feature ID 2409610[2]

Window Rock, known in Navajo as Tségháhoodzání (pronounced [tséáhòtsání]), is a city and census-designated place that serves as the capital of the Navajo Nation, the largest Native American tribe by both land and tribal enrollment. The capital lies within the boundaries of the St. Michael's Chapter, adjacent to the Arizona and New Mexico state line. Window Rock is the site of the Navajo Nation governmental campus, which contains the Navajo Nation Council, Navajo Nation Supreme Court, the offices of the Navajo Nation President and Vice President, and many Navajo government buildings.

Window Rock's population was 2,500 at the 2020 census It is estimated to reach around 20,000 during weekdays when tribal offices are open.[citation needed]

Window Rock's main natural attraction is the window formation of sandstone (Entrada Sandstone) which the community is named after. The Navajo Nation Museum, the Navajo Nation Zoological and Botanical Park, and the Navajo Nation Code Talkers World War II memorial are tribal attractions located in Window Rock.

Due to this, the BIA chose the name of the major local landmark, the rock-with-hole-through-it (Navajo: tségháhoodzání) for this Indian agency site. It was rendered in English as Window Rock. This landmark is north of the Navajo governmental administration buildings. It is important in the traditional Navajo Water Way Ceremony (Tóee), as one of the four places where Navajo medicine men go with their traditional woven water jugs to get water for the ceremony that is held to pray for an abundance of rainfall.

AIRPORT OF THE MONTH - WINDOW ROCK AIRPORT AIRPORT

From Wikipedia, the free encyclopedia

Window Rock Airport Tségháhoodzáníidi chidí naat'a'í ndinibjįhįgi (Navajo)

IATA: noneICAO: KRQEFAA LID: RQE

Summary

Airport type Public

Owner Navajo Nation

Serves Window Rock, Arizona

Elevation AMSL 6,742 ft / 2,055 m

Coordinates 35°39′07″N 109°04′03″W

Map

RQE is located in Arizona

Runways

Direction	Length	Surface
-----------	--------	---------

ft	m	
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3/21	7,000	2,134	Asphalt
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Statistics (2022)

Aircraft operations (year ending 5/6/2022) 750

Source: Federal Aviation Administration[1]

Window Rock Airport (ICAO: KRQE, FAA LID: RQE, formerly P34) is a public use airport located 1.15 miles (1.00 nmi; 1.85 km) south of the central business district of Window Rock, in Apache County, Arizona, United States. It is owned by the Navajo Nation.

This is one of six airports owned by the Navajo Nation; the other five being Chinle Airport (E91), Kayenta Airport (0V7) and Tuba City Airport (T03) in Arizona, plus Crownpoint Airport (0E8) and Shiprock Airport (5V5) in New Mexico.

Although most U.S. airports use the same three-letter location identifier for the FAA and IATA, this airport is assigned RQE by the FAA, but has no designation from the IATA. Prior to December 1998, its FAA identifier was P34.

Facilities and aircraft

Window Rock Airport covers an area of 88 acres (36 ha) at an elevation of 6,742 feet (2,055 m) above mean sea level. It has one runway designated 3/21 with an asphalt surface measuring 7,000 by 75 feet (2,134 x 23 m). For the 12-month period ending May 6, 2022, the airport had 750 general aviation aircraft operations, an average of 62 per month.

AIRPORT OF THE MONTH - WINDOW ROCK AIRPORT AIRNAV

AIRNAV.COM

Airports

Nav aids

Airspace Fixes

Aviation Fuel

Hotels

AIRBOSS

iPhone App

My AirNav

KRQE**Window Rock Airport**
Window Rock, Arizona, USA

GOING TO WINDOW ROCK?

[Reserve a Hotel Room](#)**FAA INFORMATION EFFECTIVE 13 JUNE 2024****Location**

FAA Identifier: RQE

Lat/Long: 35-39-07.4000N 109-04-02.6000W

35-39.123333N 109-04.043333W

35.6520556,-109.0673889

(estimated)

Elevation: 6742 ft. / 2055.0 m (surveyed)

Variation: 09E (2020)

From city: 1 mile S of WINDOW ROCK, AZ

Time zone: UTC -6 (UTC -7 during Standard Time)

Zip code: 86515

Airport Operations

Airport use: Open to the public

Activation date: 04/1944

Control tower: no

ARTCC: ALBUQUERQUE CENTER

FSS: PRESCOTT FLIGHT SERVICE STATION

NOTAMs facility: RQE (NOTAM-D service available)

Attendance: MON-FRI 0800-1700

Wind indicator: lighted

Segmented circle: no

Lights: ACTVT REIL RWY 03 & 21; MIRL RWY 03/21 - CTAF.

Beacon: yellow (unlighted seaplane base)

Operates sunset to sunrise.

Airport Communications

CTAF/UNICOM: 122.8

WX ASOS: 118.325 (928-810-7235)

WX ASOS at GUP (16 nm SE): 118.375 (505-726-8232)

- APCH/DEP SVC PRVDD BY ALBUQUERQUE ARTCC (ZAB) ON FREQS 124.325/288.25 (ZUNI RCAG).

Nearby radio navigation aids

VOR radial/distance	VOR name	Freq	Var
GUP r304/14.2	GALLUP VORTAC	115.10	14E

Airport Services

Parking: tiedowns

Airframe service: NONE

Powerplant service: NONE

Bottled oxygen: NONE

Bulk oxygen: NONE

AIRPORT OF THE MONTH - WINDOW ROCK AIRPORT AIRNAV CONTINUED

Runway Information

Runway 3/21

Dimensions: 7000 x 75 ft. / 2134 x 23 m

Surface: asphalt, in good condition

Weight bearing capacity: Single wheel: 30.0

Double wheel: 45.0

Double tandem: 75.0

Runway edge lights: medium intensity

RUNWAY 3

Latitude: 35-38.646233N

Longitude: 109-04.438300W

Elevation: 6701.6 ft.

Traffic pattern: left

Runway heading: 025 magnetic, 034 true

Markings: nonprecision, in good condition

Visual slope indicator: 2-light PAPI on left (3.00 degrees glide path)

Runway end identifier lights: yes

Touchdown point: yes, no lights

Obstructions: 5 ft. fence, 202 ft. from runway, 1:1 slope to clear

+6 FT FENCE, 0-200 FT FM THR, 125 FT LEFT OF CNTRLN. +1-2 FT SCATTERED BRUSH 75-190 FT FM THR, 10-20 FT RIGHT OF CNTRLN; 4 FT FENCE 200 FT FM THR ACROSS THR.

RUNWAY 21

35-39.601883N

109-03.646817W

6742.0 ft.

right

205 magnetic, 214 true

nonprecision, in good condition

yes

yes, no lights

none

Airport Ownership and Management from official FAA records

Ownership: Publicly-owned

Owner: NAVAJO NATION-C/O NAVAJO DOT

P.O. BOX 4620

WINDOW ROCK, AZ 86515

Phone (505) 371-8320

Manager: MICHAEL TSOSIE

P.O. BOX 706

WINDOW ROCK, AZ 86515

Phone 928-871-6466

ACTING SUPERVISOR. ADDL. CONTACT: RAINEY CRAWFORD 505-728-2804, RCRAWFORD@NAVAJODOT.ORG

Airport Operational Statistics

Aircraft based on the field: 2 | Aircraft operations: avg 62/month *

Multi engine airplanes: 2 | 67% local general aviation

33% transient general aviation

* for 12-month period ending 06 May 2022

Additional Remarks

- HILLS AND CLIFFS ALL QUADRANTS.
- FOR CD CTC ALBUQUERQUE ARTCC AT 505-856-4861.
- TURBULENCE MAY BE EXPERIENCED INVOF ARPT.
- GATE ACCESS CODE 2476
- TWY TURN-A-ROUND AT RWY 2 THR UNUSABLE DUE TO LARGE CRACKS, RUTS, HOLES & LOOSE AGGREGATE.

Instrument Procedures

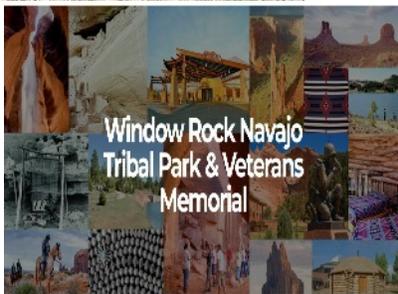
NOTE: All procedures below are presented as PDF files. If you need a reader for these files, you should [download](#) the free Adobe Reader.

NOT FOR NAVIGATION. Please procure official charts for flight.

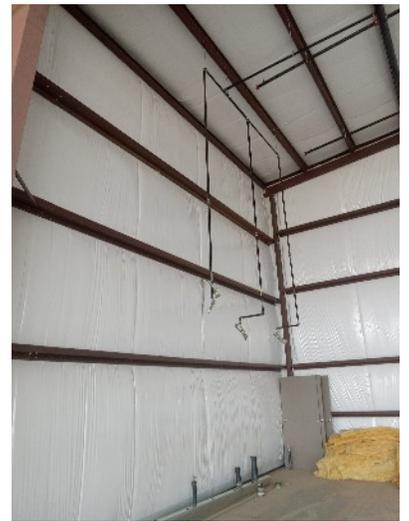
FAA instrument procedures published for use from 13 June 2024 at 0901Z to 11 July 2024 at 0900z.

**AIRPORT OF THE MONTH - WINDOW ROCK AIRPORT CONTINUED
THINGS TO DO**

- 1. Window Rock formation
- 2. Tribal Park & Vet Memorial
- 3. Navajo Interactive Museum
- 4. Hubbell Trading post
- 5. Shiprock Peak
- 6. Stay in a Hogan
- 7. Ch'ihootso Indian Market



PICTURES FROM THE HANGAR BUILD JUNE



MEMBER BUILDS, PICTURES, AND ACTIVITIES

Lightning Update. Chapter members may recall I had a almost completed kit for sale. Absent a buyer (lots of folks didn't like yellow) , I completed the aircraft with an additional 30 hours of build time. Arion Lightning N277ES received its AWC in late May of 2023. It underwent Phase 1 testing and completed with 20.7 hours using the EAA Test Card process on 6/26/24. The aircraft has been sold to a retired USAF General and now is located in Colorado. The highest speed during the testing was at 3002 rpm, 7500' msl, level flight, 181.3 mph TAS. The aircraft cruised to its new home averaging 164 mph TAS at a engine RPM ~ 2950. Fuel burn rate for the trip was ~5gph. For reference, the Jabiru 3300A maximum RPM is 3300. The installed engine is a TBO "o" Generation 3 and operating with a Bing carb and Sensenich 2-blade, ground adjustable propeller. The avionics include a GRT Avionics Sport 10.1, GRT EIS, MGL 10w VHF radio, and a Trig Transponder. Traffic/WX are received via a uAvionix echo/UAT mated to a GRT SafeFly GPS.

Tucano Replica update: N121AZ is a fixed gear Tucano Replica. I call it a "parts bin" airframe as it has a variety of used parts, notably a 912ULS with a factory supercharger. Some of you may recall the Copperstate exhibit plane N202DN (black and yellow). The engine was removed from that airframe and placed on N121AZ. I completed the aircraft at the Flying Legend distributor HQ in Archer City, TX.

I will be using the EAA test card process to complete the Phase 1 testing this month and return the aircraft to AZ. It currently has Flybox MFD's, iCom VHF, GRT SafeFly/echoUAT and a Trig22 transponder. I will eventually replace the avionics (either GRT or Dynon) and modify the Flying Legend supercharger assembly with a higher output pulley, a compression release valve (using a ECU controlled throttle body), and an Edge Performance fuel injection system. I will be employing some aerodynamic modifications to improve the speed differential between the fixed gear and the retractable versions of the airframe. Some options I'm considering: Install a retractable nose gear, or enclose the nose gear housing to add a fuel bladder and engine compartment flow through. The airframe is dirty at the intersections and I'll use glider tape to improve airflow at these locations.

Tucano Replica TR-1803 update: The QBK+ kit has been sold and delivered to a customer in Florida. The customer currently flies a Socata TB-30 Epsilon. When I queried him as to why buy a Flying Legend TR....."well its a lot cheaper to fly than the Epsilon" (\$400+/hour). It takes up less hangar space as well.

Tucano LSA N552QU , the original 51% rule aircraft, was returned to Archer City, then loaded onto the shipping container bound for Italy. It's mate for the trip is the airframe for N202DN. N202DN will be equipped with a higher HP test engine.

Jack Norris
AZ Aeroservices



MEMBER BUILDS, PICTURES, AND ACTIVITIES CONTINUED**PAUL FISHER – RV12IS**

I spent a week in Boise Idaho getting the transition training on an RV-12 there. My instructor had time in the RV-12 as well as the iS so he was able to discuss the differences. He has also done the phase one fly-off on a 12 and was able to give me some help on that as well. The difficulty was learning to use the differential brakes and castoring nose wheel. I had never flown one of those before. After I got back I was able to take care of the last calibration items (Fuel gauge and magnetometer) and perform the taxi testing called out before first flight. Next is getting the inspection scheduled. I am removing all the inspection covers for that, also there is a new safety bulletin that calls out for an inspection of the stick connections - I can do that once I get the seat pans opened up.



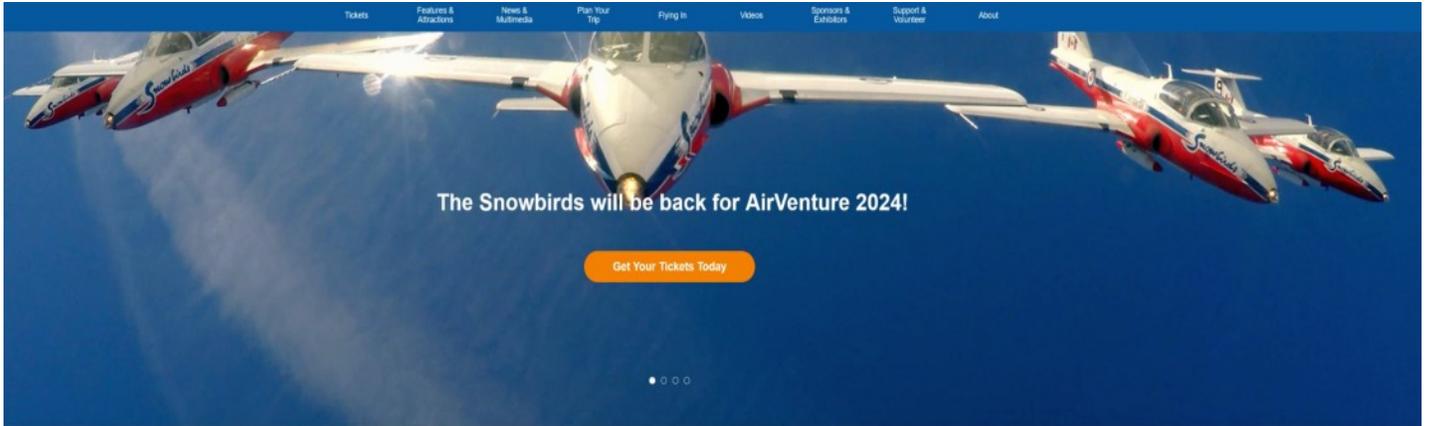
MEMBER BUILDS, PICTURES, AND ACTIVITIES CONTINUED**Ed Daror (SYA XII: Phx II)**

Auschwitz escapee, U.S. Civil Air Patrol: Ed was 10 when the Germans invaded Poland in 1939. One-quarter Jewish though raised Christian, his parents were gassed at Auschwitz. He is one of a handful who escaped. He volunteered with the OSS for the remainder of the war and was honored by Gen. George Patton. He served with the Israeli Defense Force until his U.S. immigration papers arrived in 1959. He did rescues with Civil Air Patrol and received the Wright Brothers Award from the FAA in 2013 for 50 years of safe flying.

Ed is our recipient of a lifetime member award. He built a RV-6A S/N 60271. He is a A&P/IA . See his airplane on page 7 for more specifics. Please notice that his email address has changed to edoldpilot@gmail.com.



COMING TO AIRVENTURE 2024



Your Official Countdown to AirVenture 2024

July 22 - July 28, 2024

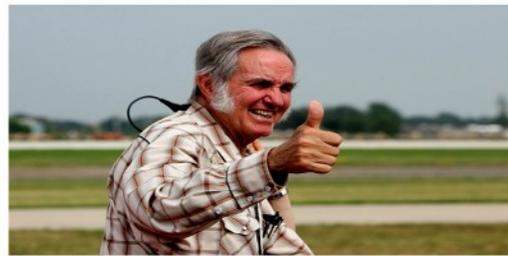
Countdown is sponsored by: 



B-29 Doc Joins AirVenture 2024 Performer List

B-29 Doc, one of only two B-29 bombers still airworthy and flying today, will be among the performers at EAA AirVenture Oshkosh 2024.

[Read More](#)



Legendary Designer Burt Rutan Returning to EAA AirVenture Oshkosh in 2024

Burt Rutan will return to EAA AirVenture Oshkosh in 2024 with appearances and forums coinciding with the 50th anniversary of his VariEze canard aircraft design

[Read More](#)

EAA AirVenture Oshkosh | News & Multimedia | News



Vintage Wings of Canada's "Victory Flight" to Soar at AirVenture 2024

Three iconic World War II-era warbirds will represent Canadian wartime aviation at EAA AirVenture Oshkosh 2024

[Read More](#)



Honeywell Supporting Express Arrival Program at EAA AirVenture Oshkosh 2024

Honeywell is supporting the increasingly popular Express Arrival program for EAA AirVenture Oshkosh, helping EAA members and their guests with pre-purchased admission move through the admission gates faster.

[Read More](#)



B-29 Doc Joins AirVenture 2024 Performer List

B-29 Doc, one of only two B-29 bombers still airworthy and flying today, will be among the performers at EAA AirVenture Oshkosh 2024.

[Read More](#)

START PLANNING FOR NEXT YEARS AIRVENTURE

SEE YOU IN 2024

 **AIRVENTURE**
OSHKOSH
2024

JULY 22-28

Bookmark **EAA.org/AirVenture**
for AirVenture 2024 updates



THANK YOU**THANK YOU****THANK YOU****THANK YOU**

THE FOLLOWING IS A LIST OF PEOPLE WHO HAVE GENEROUSLY DONATED TO THE HANGAR FUND. WILL YOU JOIN THEM? SEND US SOME MONEY AND YOUR NAME WILL BE HERE ALSO! * MEANS MULTIPLE DONATIONS.

- | | |
|----------------------------------|--------------------------|
| 1. Aaron Andrew | 40. John Robinson |
| 2. Benjamin Armstrong | 41. Mark Robinson |
| 3. AZ Aeroservices - Jack Norris | 42. Cheri McGunagle |
| 4. Anna Berry | 43. Mark Johnson |
| 5. John Bishop | 44. Michael Hauser |
| 6. Alexander Bodak * | 45. Scott Davis |
| 7. Tad Daughters ** | 46. Paul & Debbie Fisher |
| 8. John Gregg Jr. | 47. Larry Polhill |
| 9. Darren Henley * | 48. Curt Wheeler |
| 10. Carlos Hernandez | 49. Mark Pearson |
| 11. Michael Karazewski | 50. Don Nee * |
| 12. Mary Kelly | 51. Mark Johnson |
| 13. Jamie Marie | 52. .Elena Evans |
| 14. Micah Martin | 53. Alex Hardt |
| 15. Lori Massuer | 54. John Maleitzke |
| 16. Jim Moss | 55. Dee Grimm |
| 17. Mark Pansing | 56. Joe Statt |
| 18. Frank Rivera | 57. John Barbrick |
| 19. John Roffey | 58. Lonny McClung |
| 20. Chris Rute | 59. Bob Hurni * |
| 21. Stuart Snow | 60. John Warner |
| 22. Sharon Burke * | 61. Doug Brune |
| 23. Steve Thompson | 62. . Fawn Dorman |
| 24. Katie Velvick | 63. Willard Waddle |
| 25. Tom Velvick | 64. Dave Timberlake |
| 26. John Warner | 65. Doug Hanrahan |
| 27. Dawn Young | 66. Anonymous \$5,000. |
| 28. Chuck Kline | 67. Larry Jansic |
| 29. Roy Hendrickson | |
| 30. Steve Thompson | |
| 31. Mark Pansing | |
| 32. Jack Norris | |
| 33. Fred Kirkland | |
| 34. Cheri McGunagle | |
| 35. Roger Ward | |
| 36. George Parkins | |
| 37. Michael Hauser | |
| 38. Richard Schmidt | |
| 39. David Courtney * | |

Check the Website at <https://chapters.eaa.org/ea538/hangar-fundraiser> for more information and updates. * * Means multiple donations.

If I missed anybody, You will appear in Next month's newsletter. Again Thanks for getting us closer to our goal of our own hangar/home..

Print, Fill in, Write your check, and sent it to John Gregg.

2024
E.A.A. Leroy Castle Chapter 538
Membership Renewal Form

Name: _____ Spouse's Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ (circle one) Home Cell Email Address: _____

National EAA Number: _____ Expires: _____

Approximate Month & Year joined Chapter 538: _____

Note: EAA requires you be a member of National EAA in order to be a member of Chapter 538.

RATINGS HELD:

Student Pilot _____ Sport Pilot _____ Recreational Pilot _____ Private Pilot _____ Commercial Pilot _____

ATP _____ A&P _____ IA _____ CFI _____ CFII _____ Other Ratings: _____

Aircraft, Project or Hobbies: _____

DO NOT SHARE STATEMENT: We will ONLY SHARE THIS INFORMATION WITH OTHER CHAPTER MEMBERS,

unless you tell us otherwise: DO NOT share this information _____ Signature

PROXY STATEMENT: I hereby appoint _____ of EAA Chapter 538 as my true and lawful agent and proxy with full power of substitution to represent me, in my absence, at any Chapter meeting on all matters coming before the meeting. Note: If you do not wish to appoint a proxy, mark "N/A", do not sign and you will not relinquish your vote.

_____ Signature

_____ Date

INSTRUCTIONS: Return the completed / updated form and \$20 annual dues to Treasurer:

John Gregg Jr.

5688 W. Abraham Ln.

Glendale, AZ 85308

Questions. Cell: 623-340-0383

(Make checks payable to EAA Chapter 538)

Email: jgregg.jr@gmail.com

Print, Fill in, Write your check, and sent it to John Gregg.

**2024
E.A.A. Chapter 538
New Membership Form**

Name: _____ Spouse's Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Email Address: _____
 National EAA Number: _____ Expires: _____

Note: EAA requires you be a member of National EAA in order to be a member of Chapter 538.
 Note: Dues are not pro-rated. Dues are due January 1st of each year.

RATINGS HELD:
 Student Pilot _____ Sport Pilot _____ Recreational Pilot _____ Private Pilot _____ Commercial Pilot _____
 ATP _____ A&P _____ IA _____ CFI _____ CFII _____ Other Ratings: _____
 Aircraft, Project or Hobbies: _____

DO NOT SHARE STATEMENT: We will ONLY SHARE THIS INFORMATION WITH OTHER CHAPTER MEMBERS, unless you tell us otherwise: **DO NOT** share this information _____
 Signature

PROXY STATEMENT: I hereby appoint _____ of EAA Chapter 538 as my true and lawful agent and proxy with full power of substitution to represent me, in my absence, at any Chapter meeting on all matters coming before the meeting. Note: If you do not wish to appoint a proxy, mark "N/A", do not sign and you will not relinquish your vote.

 Signature Date

INSTRUCTIONS: Return the **completed / updated** form and **\$20** annual dues to Treasurer:
 John Gregg Jr.
 5688 W. Abraham Ln. **(Make checks payable to EAA Chapter 538)**
 Glendale, AZ 85308
 Questions: Cell: 623-340-0383 Email: jgregg.jr@gmail.com

NAME TAG ORDER:

Style #1			Style #2	
NAME EAA CHAPTER 538 PHOENIX, AZ			NAME EAA CHAPTER 538, PHX,AZ LINE 3	
First Name	Last Name	Style #1	Style #2	If Choose Style #2 – Line 3 to Read

Note: Chapter pays for your first name tag as part of your initial year dues. Replacements name tags are \$8.00 ea.
 File: 2024 New Membership Form

**EXPERIMENTAL AIRCRAFT ASSOCIATION
LEROY CASTLE CHAPTER 538
PHOENIX, ARIZONA**

The Leroy Castle EAA Chapter 538 is a 501(c)(3) non-profit organization (EIN 86-1017778). We are counting on support from our community and folks like you to help us!

Your donation is very much appreciated!

This is your receipt* for your donation in the amount of:

\$100 \$250 \$500 \$1000 \$5000

Other: _____

Donation Date: _____

Make donation check payable to: EAA Chapter 538

Mail checks to: 36409 N 17th Ave. Phoenix, AZ 85086

**Thank You for supporting EAA Chapter 538
and the future of aviation!**

**Please retain this receipt for tax purposes and consult your accountant regarding charitable tax deduction related questions.*

chapters.eaa.org/ea538