



EAA Chapter 1612 Newsletter



DAVID J. PERRY AIRPORT (1K4) GOLDSBY, OK

Volume 4 Issue 9

7 September 2022

From the Front Seat—President Eric Muehlberg

The rain has returned, the temperatures have moderated and we've had some beautiful calm and cool mornings and evenings the last couple of weeks. Altogether making for some really great flying weather that I hope those who fly are enjoying. If things continue as usual, the next 3 months will be the best time during the year to fly in Oklahoma. Take advantage of this great weather while you can as winter is on the horizon.

October 15th is going to be a special day for the chapter. Not only is it the date of our October chapter meeting, but also the date of the special screening of the Coleman Productions aviation movie "Inside The Sky." It's from the makers of the History's Greatest Aircraft series and the Plane Resurrection series so these folks know their history! If you're interested in Oklahoma's amazing aviation history and future, you won't want to miss the opportunity to view this recently released movie. The "Inside The Sky" movie premiered during EAA AirVenture 2022. Seating for this screening is space limited to 100 seats



on a first-come, first-serve basis. The event begins at 4:30 PM with a dinner of hotdogs, soft drinks and chips served prior the movie. Popcorn and soft drinks will be served during the movie. The screening of "Inside the Sky" will take place at Gary and Karen Manning's hangar on the Twin Lakes Airport. The address is 13801 Chandelle Drive, Newalla, OK 73857.

on a first-come, first-serve basis. The event begins at 4:30 PM with a dinner of

The chapter has received a donation of aircraft grade lumber and plywood for a chapter aircraft build project. We would like to hear who is interested in participating in a chapter wood aircraft construction project and set a date and time for a separate meeting to discuss the project and pick a design to build. We'll discuss more about this opportunity at our September meeting.

We are in the process of ordering **Chapter 1612 hats and T-shirts**. We'd like to hear your thoughts and desires prior to placing our order. So come join the discussion at our September meeting.

Before and after this month meeting we'll hold our Fall Aviation Book, Video and Manual sale. If you'd like to donate something to the sale, bring it in, put a price on it and place it on the table. All proceeds go to fund future chapter activities and programs.

Our September chapter gathering is Saturday the 10th at 10:00 in the David J. Perry airport terminal building. The "official" part of Saturday's meeting will include the usual VMC question and discussion, the "what is it" challenge, this month's EAA chapter video, and a couple of presentations that will be informative and interesting. Also the regular Goldsby Airport 3rd Saturday Breakfast has been moved this month to not conflict with the Guthrie Airport (KGOK) 10th Annual Community Day & Fly-In on September 17th. The breakfast will take place from 8:00 to 10:00 AM on the 10th prior to our regular 1612 Chapter meeting. So come out and enjoy a morning of all things aviation this Saturday with great breakfast and our chapter meeting.

Look forward to seeing many of you this Sat.

Eric

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Meeting Location: David J. Perry Airport (1K4) Goldsby, OK

This month's meeting is at the David J. Perry Terminal building (1K4) on 10 September 2022 from 1000-1130. If you have questions contact Eric Muehlberg at 405-923-6749 or smueh-berg@pldi.net.



David J. Perry Airport (1K4)

The Keleher Lark — A What If Drill Take 2

The Keleher Lark is a small single-place aerobatic sport plane

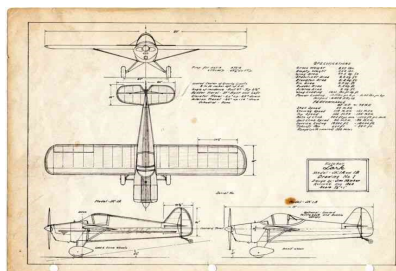


"THE JK-1B

LARK PLANS ARE STILL AVAILABLE TODAY...WHAT IF WE TWEAK THE DESIGN A LITTLE...?"

designed and built by James Keleher in the early 1960s. The aircraft had great performance on a Continental A65. At an 800-pound gross weight the takeoff roll is 450 feet and landing roll 650 feet, it would climb at 1,000 fpm, have a max power cruise speed of 127 mph and stall at 55 mph. The JK-1B Lark plans are still available today; however, the Lark is a bit tight for today's larger individuals. What if we tweak the design a little to expand the size?

First, I would widen the cockpit area



from 24 inches to 30 inches to give a little more room for comfort. I would next grow the wing span by 2 feet in length, giving a wing area of approximately 90 square feet and raise the gross weight to 1,000 pounds. The NACA R2 12 airfoil is similar to the Munk M12, so no need

to change it. This combination would yield a stall speed of approximately 52 mph, making the aircraft a true Light Sport Aircraft. While the 65 HP engine would be suitable for a sport airplane, I would use my Super 65—a Continental A65 with C-85 cylinders rated for 80 HP. The 13-gallon fuel tank would be suitable for 2-hour flights (my limit in a small plane) with 30-minute VFR fuel reserves. I believe this simple 20 percent increase in overall size would yield good performance, suitable range, and increased comfort for little gain in weight and cost to build. My quick

calculations show the speeds would change little, and the landing and takeoff distances would increase by approximately 15% or about 70 feet each. My thoughts is the Keleher JK-1D would make a super fun to fly light aircraft that would be simple to build and operate.

Give me your thoughts at the next meeting. Who knows, maybe the chapter will sponsor a build to find out? Until then...

...keep 'em flying.

VMC Question of the Month

The question:

You are flying between the David J. Perry and Chickasha airports at 3,000' MSL when you here a loud bang, engine begins to run extremely rough, and oil starts to cover the windshield. What do you do? Don't be fooled, there are a lot of steps to this emergency.



Ok, I used the same picture from last month, but it fits.

What is it?



It is the Strojnik Laminar Magic. This little single place set a new 3-kilometer Class C-1 A/O (less than 661 pounds) speed record. Flown by Air Force pilot John Washington, the average speed (of 4 passes over the course) was 126.72 mph, which broke the old record of 117.75 mph set in 1975 by David Green in a Monnett Moni. It was

the design of Ales (Alex) Strojnik, a Slovenian American aerodynamicist and aircraft designer specializing in low speed drag reduction amongst other academic pursuits. He first developed the S-2 a low powered motor glider with a 15M (49') wingspan. The S-2 was then revised into the S-4 Laminar Magic by reducing the wingspan to 5.5M (18'). Alex published two books on low-powered, low-drag aircraft which are sold by EAA.



Here is the October 2022 "What is it?"

EAA and Chapter Merchandise

We will be selling merchandise to help fund chapter activities. These pictures are examples of what we plan to offer; hats and shirts with the Chapter 1612 logo.

Eric will discuss at the next meeting. *dd*



Tool Loaner List—

Check our website for more info



Don't Miss These Coming Events



28 Sep-2 Oct—Arkanstol, Byrd's Adventure Center, Cass AR (51AR) (see page 9)

6 Oct—Oklahoma Pilot's Association, Wiley Post Airport 6:30-8:30 PM. VP Dennis D'Angelo will be presenting on his 2003 ultralight flight to celebrate the 100th Anniversary of Flight.

13 Oct—EAA Chapter 24 Meeting, Sundance Airport (KHSD) 13000 N Sara Rd, Yukon, OK 73099 Phone: (405) 373-3886.

22 Oct—EAA Chapter 1098 Meeting, fourth Saturday of the month at 2:30 PM Twin Lakes Airport (2OK2) Newalla, OK

21-23 Oct—37th Flying M Ranch Fly-In Reklaw TX.

5 Nov—OK Antique Airplane Assoc. Fly-In, Pauls Valley Mun. Airport, OK. 404-238-4035.



More coming next month.

Other Stuff For Sale

Zenith CH 701 project - Owner is asking \$5,000 and includes a Continental C-85. Project is located at KOUN. Contact the owner, Keith Layre at 405-629-9279 (request that you text him).



Corben Baby Ace and Baby Ace Model D plan sets. Plans were donated to the chapter and funds raised by from their sale will go to support chapter programs. The plans will be available for inspection at the July meeting. Price for either set is \$75.00.



Chapter Meeting Pictures



Antonin and Governor Stitt talk aviation



Chapter 1612 Campground Deluxe



Antonin talks to the Legend



Rare de Havilland Mosquito



Messerschmitt Bf-109G restoration



Thumbs up for reading the newsletter!!



Check the chapter website for more pictures and information @

1612.eaachapter.org

Chapter 1612 Meeting Minutes August 2022

- Meeting brought to order by President Muehlberg at 10:00 AM. Twenty-five members present
- VMC question on ground-effect discussed by VP D'Angelo
- "What is it" aircraft the Stronjik S-4 discussed by VP D'Angelo
- President Muehlberg discussed his trip to AirVenture and the activities he and other members of the Tri-City Chapters participated in to include construction of the One Week Wonder
- President Muehlberg addressed how the Tri-City Chapters participated in the pancake breakfast earning a total of \$3600 (\$1200/chapter) which will be divided equally between Chapters 24, 1098, and 1612. Thanks to all who participated
- EAA Video viewed by membership
- President Muehlberg offered Baby Ace plans for sale. Proceeds to go to our programs account.
- Meeting closed at 11:35



Who is EAA and Chapter 1612?

We are the Experimental Aircraft Association (EAA) a growing and diverse organization of members with a wide range of aviation interests and backgrounds and a mission of growing participation in aviation to include antiques, classics, warbirds, aerobatic aircraft, ultralights, helicopters, and contemporary manufactured aircraft.

EAA and Chapter 1612 enables you to share the spirit of aviation with the most passionate community of recreational pilots, builders, and restorers. We are an association that offers the fun and camaraderie of participating in the flying, building, and restoring of recreational aircraft with the most passionate community of aviation enthusiasts. Come join us today!

President

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*Visit the chapter website
at 1612.eaachapter.org*

Chapter Leadership and Contacts

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EAA Chapter 1612 Membership Form



Date _____

EAA Member # _____

Name _____

Email _____

Address _____

Phone _____

(Annual chapter dues are \$20.00)

Optional information _____

What are your aviation interest / goals? _____

Are you a pilot? (Yes) (No) If yes, what ratings do you hold? _____

Do you hold a maintenance rating? (Yes) (No) If yes, what ratings do you hold? _____

Have you built / restored or are you building / restoring an aircraft? (Yes) (No) If yes, what type(s)? _____

Are you contemplating building or restoring an aircraft? (Yes) (No) If yes, what type(s) interest you the most? _____

Do you own or have you owned an aircraft? (Yes) (No) If yes, what type(s)? _____

What type of presentations would you like to see at future meetings? _____

Chapter mailing address is;

EAA Chapter 1612
954 Redbud Lane
Newcastle, OK 73065

Chapter Meetings are the 2nd Saturday

Chapter President - Eric Muehlberg
405-923-6749



TITLE
SPONSOR

HOW FAST CAN YOU GO SLOW?

- NEW COMPETITION COURSE!
 - 4 Days of Flying Activities
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SEPTEMBER 28TH – OCTOBER 2ND, 2022

BYRD'S ADVENTURE CENTER, CASS AR (51AR)

NO ARRIVALS OR DEPARTURES ALLOWED ON OCT 1ST