



Mile High Flyer

***The Official Newsletter of
The Experimental Aircraft Association
Chapter 43
Established May, 1958***



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May, 2017

President's Message

The FAA is conducting several workshops through the Metro area regarding their proposed "MetroPlex" project for the rerouting of IFR traffic in and out of several airports (KBJC, KAPA, KFTG, and others). Traffic flow for KDEN will not be changed. One of their proposed routes will be Southbound parallel to I-25 from Ft Collins to NW of KAPA directly over Erie Municipal Airport with traffic flying at 9,000 msl. Additional information about the MetroPlex proposal is available after May 5th 2017 at the following website with maps of the proposed routes available.

<http://www.faa.gov/nextgen/communityengagement>

Our chapter picnic will be on May 13th with the 2017 scholarship awardees being announced at that time. I hope to see you all there.



Next Meeting - Chapter Picnic! - [Saturday, May 13, 2017](#)

***11 AM @ the Serani/Jones/Davenport hangar @ Erie Municipal Airport (EIK),
40.005399, -105.053905***



From I25, take Exit 229 and go west on Colorado 7 / E Baseline Rd for ~3.9 miles, turn right (north) on Airport Dr. From US287 or Boulder, go east on Colorado 7 / E Baseline Rd for ~2.6 miles from US287 and turn left (north) on Airport Dr. Follow Airport Dr. north for about .2 miles, then turn left to drive along the east side of the hangars. See all the cars? That's us!

Upcoming Events Calendar

Submitted by *Don Smith*

2017 EVENTS

MAY

Tue	2	FAA NextGen Public Workshop, KBJC 6-8:30 p.m.
Wed	3	FAA NextGen Public Workshop, Stuart Middle School, Commerce City 5:30-7:30 p.m.
Thu	4	FAA NextGen Public Workshop, KFNL 5:30-7:30 p.m.
Sat	13	EAA Chapter 43 Annual Chapter Picnic, EIK 11:00 a.m.
Fri	19	EAA Chapter 301 Membership meeting, KFTG, 7:00 p.m.
Sat	20	EAA Chapter 43 Young Eagles Rally, EIK 7:45 a.m.
Sat	20	Colorado Seaplane Splash In at Lake Meredith Seaplane Base (Ordway, CO)
Sun	21	KFLY Meadowlake 50 th Birthday & Fly-in
Sat	27	EAA Chapter 301 Young Eagles Rally, FTG 7:45 a.m.

JUNE

Sat	3	Chapter 608 Annual Fly-In, Scottsbluff , NE (KBFF), 7:00 a.m. to 12:30 p.m. http://eaa608.org/2017-fly-in/
Sat	10	21st Annual JAA Fly-In, Rocky Mountain Metro Airport (BJC), 6:00 a.m. to 1:00 p.m.
Sat	10	Joint EAA Chapter 43/Soaring Society of Boulder Picnic, WBU, 5:00 p.m. (see Page 8 for more info)
Fri	17	EAA Chapter 301 Membership meeting, 7:00 p.m.
Sat	17	EAA Chapter 43 Young Eagles Rally, EIK 7:45 a.m.
Sat	17	Van-Aire (CO12) Fly-in/Drive-in 11:00 a.m. (T)
Sat	17	1940's WWII Era Ball, Boulder Airport, 5:00 p.m. (T) http://www.1940sball.org/1940sball/1940s_WWII_Era_Ball/
Sat	24	EAA Chapter 301 Young Eagles Rally, FTG 7:45 a.m.

From the Editor:

- Although scheduled for 2 or more hours, the format for the FAA NextGen Denver MetroPlex Public Workshops is a number of stations manned by FAA personnel that can be toured and discussed at your own speed. The last station has a fact sheet and comment form that can be filled out at the workshop, with an online version available May 5th along with the rest of the workshop materials.
- Congrats to Mike Sutton, Chapter 43's newest CFI!

***Want Ads & articles for publication may
be sent to the editor - newsletter@eaa43.org***

Want Ads



Bill Mitchell reports that these folks can embroider a couple of different sizes of our chapter logo on jackets, shirts, etc. Bill showed some examples at one of our meetings, and they were beautifully done!

For Sale: RANS S19 Venterra N232CT



Asking \$80,000

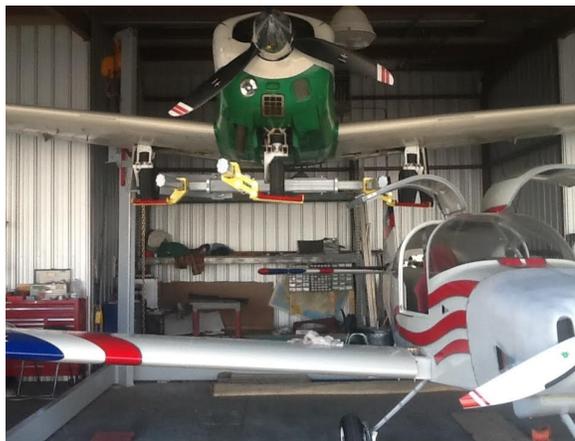
2015 ROTAX 912 ULS, approx. 117 hours TTA&E, E-AB registered LSA qualified, Dynon avionics; Skyview PFD, radio, intercom, mode S transponder, ADS-B In/Out (2020 compliant), ELT, strobe, Nav and landing lights. Ground Adj. Prop. 24 gal fuel. Canopy cover. Always hangered. No Damage History.

Located at Vance Brand Airport, Longmont, CO.

Contact Friend of Owner: Mike Duggan 720-304-6793

Want Ads Cont'd

For sale: Aerolift Airplane Lift



This is a 2,500 lb. capacity electrically operated hoist purchased new from manufacturer (ARM Aerospace) in 2015 and it is in "like new" condition. The lift is equipped for a nose wheel aircraft and tail wheel kits are available from the manufacturer. Asking \$8,000 or best offer. Email for more info: eagerlee6@gmail.com

The lift is currently installed in my hangar at Denver Front Range Airport (KFTG) and can be seen there. See complete product details at: <http://armaerospace.com/>

Paul Hahn [303-423-2839](tel:303-423-2839)

Help Wanted: Can you price this prop?

Kirk Brennan is in the midst of a Viking Dragonfly build, and for his birthday his wife presented him with the prop pictured below. It's a 12-72 and is too much prop for the project, so Kirk is looking to sell or trade for something more appropriate. John Evens thinks the hub pattern pictured might be for a Lycoming engine, but more info is needed so Kirk can price the prop. Can you help with an estimate or offer? Need a working prop or some hangar/garage/living room wall bling?



Kirk Brennan [720-201-5678](tel:720-201-5678)

MILE HIGH EAA Chapter 43
April 8, 2017

Chapter President Ken Scott called the meeting to order at 7:10 pm.

GUESTS Please tell us a little about yourself
Interest in aviation, Flying Building
Sign in and get 6 month trial membership in Chapter 43

Martin Postma has his GA but no plane at this time. Dan Ange has an RV-7A. Also in attendance, Cody was one of the inaugural Young Eagles flown in the 1995/96 time frame.

ANECDOTE OF THE MONTH

APPROVAL OF MAR 2017 MINUTES

Joe Gilmore moved, Jeff Hinkle seconded, and membership approved.

TREASURER REPORT

\$1142 General Fund, \$635 Young Aviators, \$3500 2017 Scholarship (\$1000 paid out), and \$3014 2018 Scholarship.

TRIP REPORTS

A friend of Bob Wilson asked if he wanted to look at some tractors. They flew in, had lunch, and drove about 30 miles to tour a collection including a single Case and 20 John Deer tractors.

SCHOLARSHIP

Scholarships will be awarded/announced at the May picnic.

PROGRESS REPORTS

Mike has a 3 cylinder diesel tractor engine being rebuilt with valve guides.

SAFETY REPORT

Ken Scott suggested that flight following (asking air traffic control to provide information on surrounding traffic) is a good practice, but its application can be irregular. A friend inadvertently encroached on Bravo airspace while under flight following and was busted without warning, so be careful. Note: AVweb has an article on flight following here: <https://www.avweb.com/news/avtraining/183268-1.html>.

YOUNG EAGLES **Cliff Hasenbalg**

18 kids are signed up for the April 15 event, volunteer email to go out later this weekend with some updated pilot requirements.

YOUNG AVIATORS **Scott Serani**

Young Aviators will have a booth at STEAM Fest (4/29-30 at the Boulder County Fairgrounds) and will be making cell phone stands to distribute at the event. Help is needed for riveting the stands. The Flight Competition and ICAN programs have been kicked off. Bill Kendall is heading up ICAN with two other adult instructors and will be cycling 6 kids through the program every 3 months. The Flight Competition involves designing and building a flying object from scratch capable of transporting and dropping 1 lb of water. Scott has been amazed by out-of-the-box thinking from the kids, including a suggestion to freeze the water to avoid sloshing/cg shift issues. One of the teams is designing a dirigible!

Scott and Dave Shenk need adult volunteers for the B25 and rib building activities at Kid Venture!

FLIGHT ADVISORS and **TECH COUNSELORS**

No report this month.

MILE HIGH EAA Chapter 43
April 8, 2017 Meeting Minutes Continued

OLD BUSINESS

Ricky Domenico motioned that the Chapter submit an application for Gene Horsman to be put on the EAA Memorial Wall. If submitted with \$350 payment by April 17, the memorial can be ready for this year's AirVenture. The Board is required to approve the expenditure. Membership was polled and approved the effort. Roxie Juul asked if Gene's family had been contacted for their availability at the memorial ceremony and suggested that the memorial could be delayed a year to allow their input and attendance. The Chapter Board met during the break and approved the expenditure for this year or next depending on the family's wishes, and Bill Mitchell volunteered to contact them. Ricky thanked the board.

NEW BUSINESS

Chapter Survey Results – only 24 out of 109 members (22%) have responded, more are needed. Ken passed out printed survey forms. Early results indicate that social time in the meetings is important and that events and tech training are viewed favorably as well.

Chapter Picnic May 13, 2017 – Need Carl Harris to bring grills – the rest of us need to bring GOOD eats, both desserts and side dishes.

New Board Position – Looking for a public relations person to tout/promote our programs.

Jeff Caine sent an email to members to solicit votes for an RMPBS "Inside Colorado" episode on the history of aviation in Colorado. (The aviation episode was the winner, and will be shown sometime in the fall.)

Jeff Hinkle – Seaplanes have once again been barred from state reservoirs by Parks and Wildlife due to concerns about invasive species, despite seaplane protocols in place to prevent that. Parks and Wildlife is also pressuring owners of private lakes to conform to their policy. Also, the FAA is holding public meetings to provide information on plans to reorganize airspace in the Denver Metroplex in support of the "NextGen" modernization of the national airspace system. Some of the changes may not be beneficial for general aviation, including an arrival corridor from Ft. Collins to Centennial along I25 at 9000' for 210 kts corporate jets. The FAA is soliciting comments, we need to make our voices heard. See the President's for more information.

Steve Paschke and others are still interested in starting a flying club associated with Chapter 43 and are gathering information in support of that effort. Steve is selling his Front Range hangar and moving to Jeffco, and is willing to use his profits on a club plane, which could be a partial kit capable of being brought to flight status, perhaps with Young Aviator help.

Respectfully Submitted,
Val Gregory, Secretary EAA Chapter 43

CHAPTER 43 Member Meeting

April 8, 2017 Rocky Mountain Metro Airport

TONIGHT'S PROGRAM

The Progression of Van's Kits as Exemplified by the RV-6, 7, and 14 Kits, by Jeff Jones and Scott Serani

Over the past 30 years Van's Aircraft has introduced a number of kits, including the RV-6/6A in 1986, the RV-7/7A in 2001 and the RV-14 in 2012. The RV-6 and 7 are very similar, the RV-14/14A is 3" wider (try them out at the picnic!) Performance and Cost comparison and Dimensions and Weight comparison charts were shown. The RV-14/14A is more capable and beefed-up accordingly, as shown in videos from Van's showing RV-14A testing and test configuration. Next Jeff and Scott presented a comparison of the kits themselves. The RV-6 kit included plans, instructions, and parts cut to size. The RV-7 kit has better plans and instructions and many holes are pre-drilled, but many parts are manufactured by the builder and there are lots of options with sketchy details. The RV-14 kit has well-illustrated plans, step-by-step instructions, finished components and full sized rivet holes making it VERY easy to build. Van's took best practices, tips & tricks from RV-10 builders' blogs and incorporated them into the RV-14 plans. The RV-14 wire harnesses come as complete assemblies, built by Stein (as are the RV-12 harness assemblies).

Questions from the membership:

Joe Gilmore asked about the overall length differences between the three models. The RV-6 is 22' long, the RV-7 is 25' long, and the RV-14 is 27' long. The RV-6 had spin issues which were resolved with a bigger tail, and subsequent models were further improved. Joe also asked about the estimated completion hours. Van's estimate is 2000 hours for the RV-7, 2000 hours for the RV-10 and 1500 hours for the RV-14.

Dave Shenk commented that the RV-14 canopy is spacious.

Bill Mitchell opined that Van's is the best of the kit builders, particularly because they send out fixes for issues very quickly. Scott Serani added that Van's customer service is extremely good and patient. Bill said that Van's supports test questions as well.

The certified production RV-12 was mentioned in passing. It includes a Rotax engine, and as it is very similar to the RV-14, gets similar updates. There are only 5 options available for the RV-12.

Myles asked if the RV-10 kits have been improved, he thought holes still needed to be drilled and deburred.

When asked if the Van's quick build prep encroached on the 51% rule, both Jeff Jones and Ricky Domenico said not. Ricky has built an RV-9 with kit and plans similar to the RV-7, though the wings and empennage are very different between the two planes. The RV-9 is available in a tail dragger (A) configuration.

Dave Shenk asked about nose gear issues exhibited by the RV-7, which had too little clearance at the mounting bracket for the gear travel under hard landing conditions. Following finite element analysis (FEA), the gear angle was redesigned to improve the clearance.

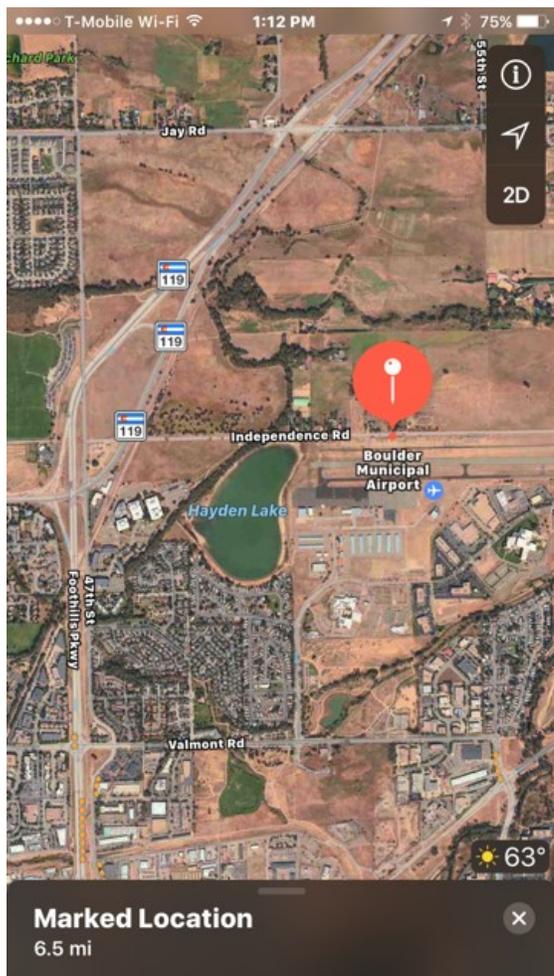
CHICKEN WINGS®

BY MICHAEL AND STEFAN STRASSER



Now, I know the Young Aviators (and the adults involved) would NEVER resemble this strip, but thank goodness they've got the Xenatech for making key chains, cell phone stands, and airplane parts!

June Membership Meeting - Joint EAA Chapter 43 / Soaring Society of Boulder Picnic, Boulder Municipal Airport (WBU), June 10th at 5:00 p.m.



Directions: If coming in from US 36, exit Valmont Road and go east a short distance. Turn north on 47th Street, the first traffic light. Take Independence Road east from 47th St. Airfield is on the right, park along the fence so as to save space!

If flying, note that parking on the north side of the runways is limited, and access to the event is problematic if parking on the south side. Efforts are underway to set up a personal car "shuttle", more to come on that.



Membership Enrollment Information
(Needed for Current Roster & Chapter Correspondence)



MANDATORY INFORMATION: *If nothing has changed from last year, this is all the information required. We need EAA Membership # and EAA Renewal date to comply with EAA Charter and Chapter 43 by-laws.*

Date: _____	Annual Dues <i>or</i>	\$25.00
Name: _____	Save! 5 years for	\$100.00
National EAA Membership #: _____	Scholarship Donation (Optional)	<u> .00</u>
EAA Membership Renewal Date: _____	Total	.00

Are you a:

Technical Counselor Yes ___ No ___
 Flight Advisor Yes ___ No ___
 CFI Yes ___ No ___

Scholarship donations are tax deductible.

*Please make check(s) payable to:
 EAA Chapter 43
 P.O. Box 1725
 Broomfield, Co. 80038-1725*

NEW MEMBERS PLEASE COMPLETE - RETURNING MEMBERS OPTIONAL INFORMATION: *Supply any information that may have changed from previous year (if you want a field deleted from your record, please tag it).*

E-Mail Address: _____

_____ Spouse:	Home Phone: _____ - _____ - _____
_____ Street:	_____
_____	Cell Phone: _____ - _____ - _____

City, State, and Zip: _____

HOW WOULD YOU LIKE TO BE INVOLVED IN THE CHAPTER?

Participate in Young Eagles functions, either as pilot or volunteer? _____	Pilot	Yes ___ No ___
	Ground Crew	Yes ___ No ___
Arrange, Or Be, The Program For One Of Our Meetings? -----		Yes ___ No ___
Host A Chapter Meeting At Your Project? -----		Yes ___ No ___
Run for a Chapter Officer Post? -----		Yes ___ No ___
Interested in attending hands-on workshops (under consideration)		Yes ___ No ___

AIRCRAFT INFORMATION:

Note: Status: ----Built, Building, Restoring, Considering, etc.

<u>Make, Model</u>	<u>Status</u>	<u>Based At</u>
_____	_____	_____
_____	_____	_____

To keep costs down the monthly newsletter is delivered via E-Mail. We also send out periodic news items by e-mail.

2017 Chapter Officers

President	Ken Scott	303-674-7846
Vice President	Phil Brown	303-506-3886
Vice President	Jeff Jones	303-809-3994
Secretary	Val Gregory	303-908-1252
Treasurer	Myles Lee	720-295-8778

Board of Directors

Ken Scott (Chairman)
 Stan Specht**
 Scott Serani**
 Cliff Hasenbalg*
 Joe Gilmore*

(Note: *- 2 year terms expire end of 2018, **- 2 year terms expire end of 2017)

Volunteer Officers

Technical Counselor	Jim Sutton	303-598-4205
Technical Counselor	John Reuterskiold	303-881-3517
Technical Counselor	Bill Truax	303-249-2578
Technical Counselor	Phil Brown (fabric, wood & tube)	303-506-3886
Flight Advisor	Bill Mitchell	303-427-4025
Newsletter Editor	Val Gregory	303-908-1252
Young Eagles Coordinator	Cliff Hasenbalg	303-744-8180
Young Aviators Advisor	Pat Miller	303-666-8233
Young Aviators Advisor	Scott Serani	303-358-2858
Data Base Editor	John Reuterskiold	303-881-3517
Web Master	Steve Paschke	303-451-8490
Safety Officer	Stephanie Wells	303-503-0147
Refreshments	John & Roxie Juul	303-466-2600
Audio/Visual	Herrill Davenport	303-460-7789
Scholarship Chairman	Eric Serani	303-918-5446
Scholarship Fundraising	(Volunteer Needed)	

CFI's in Chapter 43

Richard Brown	303-558-0793
Mark Davis	303-425-4080
Joe Gilmore	720-318-5100
Jeff Hinkle	303-550-2291
Bill Mitchell	303-427-4025
Tom Shaw	303-275-0904
Mike Sutton	720-515-5269
Stephanie Wells	303-503-0147

Mile High EAA Chapter 43

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Meetings are normally held on the second Saturday of each month at 7:00 P.M.—Location determined monthly. See Page 1 for details of the upcoming meeting.