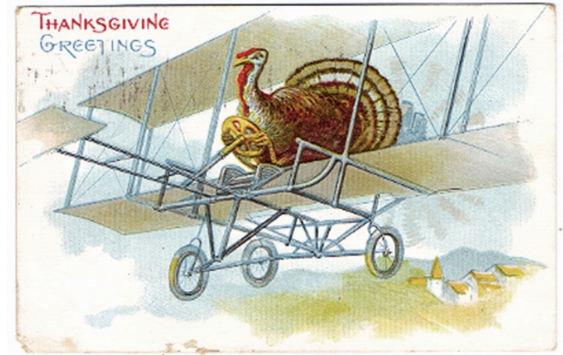




Mile High Flyer

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



Volume 44 Issue 11 On the web @ www.eaa43.org

November, 2017

President's Message

Our Young Eagles program for 2017 concluded on October 28th marking the end to a very successful year in flying young people and acquainting them with aviation. Many thanks to Cliff Hasenbalg for a job well done and his work coordinating the Young Eagles program. Thanks also to the pilots and volunteers that made it all possible.

Chapter elections will be held during our November membership meeting on November 11th. The chapter really needs your help and fresh ideas to keep our chapter vibrant and growing. With all of us working together no one person needs to shoulder all the responsibility to get things done. So if you would like to help out and run for one of the positions available please let me or any one of the board members know.



Next Meeting - [Saturday, November 11, 2017](#)

7 PM @ the Mt. Evans Room in the Terminal Bldg. @ Metro Airport (BJC)

Presentation for the November Membership Meeting

Investigation and Analysis of an Engine Failure / Crash of a Cessna T210L in Lock Haven, PA

Steve Maier works for Aeroscope Inc., an aviation engineering consulting firm that specializes in aircraft accident investigation. Steve is an Aerospace Engineer who graduated from Embry-Riddle Aeronautical University (Daytona Beach, FL) and specializes in aircraft accident investigation. A former design engineer for Rolls-Royce Corporation in Indianapolis, IN, Steve grew up in Broomfield and learned to fly at McAir.

In general, if you want to share photos or video of a recent flight, trip, build progress, etc., just load it on a USB, hand it to Herrill Davenport (the chapter Audio/Visual expert) when you arrive and let him know what segment of the meeting it supports.

Upcoming Events Calendar

Submitted by *Don Smith*

2017 EVENTS

NOVEMBER

- Sat 11 Spreading Wings Gala, Wings over the Rockies Museum, 6:00 – 11:00 p.m.
 Sat 11 EAA Chapter 43 Membership meeting, BJC, 7:00 p.m.
 Fri 17 EAA Chapter 301 Membership meeting, 7:00 p.m.

DECEMBER

- Sat 9 EAA Chapter 43 Membership meeting, BJC, 7:00 p.m.
 Fri 15 EAA Chapter 301 Membership meeting, 7:00 p.m.

Coming in January, so save the dates!

2018 EVENTS

JANUARY

- Sat 13 EAA Chapter 43 Holiday Dinner, Master's Restaurant, Colorado National Golf Club, Erie. Cocktails at 6:00 PM, Dinner at 6:30 PM
 Fri 19 EAA Chapter 301 Membership meeting, 7:00 p.m.
 24-27 Sebring FL 14th Annual U.S. Sport Aviation Expo (SEF)
<http://www.sportaviationexpo.com/>
 Sat 27 EAA Chapter 301 Young Eagles Rally, FTG 8:00 a.m.

In this issue: Lots of sale ads for near-complete aircraft - if you were considering a project, how about one of these? (Note the price decrease for Don Smith's S-19 project!) There's more details on the EAA Leadership Boot Camp the Chapter will be hosting in late January, and a lovely poem from Martin Postma.

Since I currently don't have a second set of eyes to review the newsletter, I'd like to ask all of you to help find my boo-boos for cookies! So far there have been no comments on the October newsletter, but it and this edition can still be checked for errors in return for baked goods at the November meeting. Let me know at newsletter@eaa43.org.

If you'd like to contribute a newsletter article on a trip, a tool, component, or aircraft review, a how-to for build or test, historical or ANYTHING airplane or chapter related, don't be shy. I'm still struggling with input that's not electronic, but you can email newsletter@eaa43.org with anything ya got in electronic format. Thanks in advance for your help!

CHICKEN WINGS®

BY MICHAEL AND STEFAN STRASSER



Okay, this is the publisher's way of sneaking in the news that the Gregory's HAVE A HANGAR at RMMA!!! (Excited much? Does it show?) In keeping with this strip, maybe we'll refer to it as Casa KittyFox. We're in the process of loading wings, empennage, the engine crate (to act as a small work bench) and assorted bits and bobs for transport to the new digs!

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

Want Ads



Custom Embroidery
Valerie Wait
 720-352-2630
 1705 Flemming Drive
 Longmont, CO 80501
 email: valandjimw@yahoo.com

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!

Want Ads Cont'd

From: **De Strelow** <de.strelow.1957@gmail.com>

Date: Tue, Jun 27, 2017 at 6:13 PM

Subject: Hatz CB-1 plans and project for sale

Dear EAA Chapters

Hoping you may be able to help me. My name is De Strelow, I live in Buena Vista, CO. I have a welded fuselage, wood and tubing plus the plans to build a Hatz CB-1 experimental aircraft. My late husband, Wayne Strelow started the project back in the late '90's and never finished it. He wanted to learn to fly and that he did. He owned and flew a Quicksilver ultralight and then went on to earn his VFR wings in January 2001. He was for several years involved in the local EAA chapter in Salida, CO. I contacted Jim Pinkerton with the Hatz Biplane Assoc. and he suggested I send an e-mail to the Colorado chapters of the EAA to see if there might be someone out there looking for a project. Jim came up to BV last Saturday to see the project himself, took notes and pictures. My husband retired from DOC in April 2009 and passed away in July 2013 after a short 4 month battle with esophageal cancer. I am now looking at relocating and I'm working on selling his personal items. I have included some pictures and a parts list and price. I'm negotiable on the price, just need it out of the upstairs garage workshop. Thank you for any assistance you can provide.

Sincerely,

De Strelow

29994 CR 354

Buena Vista, CO

[719-395-8410](tel:719-395-8410) H

Editor: See following pages for addition description and photos. FOR REFERENCE, here's a photo of a completed Hatz CB-1.



Want Ads Cont'd

For sale: Hatz CB1 Plans/Material/Project

#773 Plans + Material for \$2100 OBO

Must sell, space and well being force sale. Price is material cost at time of purchase, not new price. Includes Oxy/Acetylene welded frame, rib jig and 15 completed wing ribs T88 glued. Material always stored inside garage. All steel is from Aircraft Steel in Erie, all spruce is from Aircraft Spruce.

Steel (all is 4130N): 54'-.1875x.0625; 66'-.343x.035; 23'-.50x.035; 9'-.625x.035; 8'-.625x.049; 47'-.75x.035; 22'-.75x.049; 18'-.875x.035; 18'-.875x.049; 21'-.875x.065; 22'-1.375x.035; 7'-2.023x.875x.049 Streamline.

Wood: Hatz CB-1 Complete Spruce Kit P/N 02-04800

QTY	Size
700 feet(~300 ft remaining)	1/4" x 1/4" x 48" min. cap strip
4 pieces	5/8" x 3/4" x 10' leading edge
8 pieces	2-3/32" x 1/8" x 6' center section bow
32 pieces	1/8" x 3/4" x 61" wing tip bow
32 pieces	1/8" x 3/4" x 23" aileron tip bow
30 feet	3/8" x 3/8" randoms - corner blocks, stiffeners
30 feet	1/2" x 1/2" randoms - corner blocks, stiffeners
30 feet	5/8" x 5/8" (4pc. X 4' bal randoms) - wing walk
60 feet	1/4" x 1/4" 90° triangular corner block
1 piece	1" x 6" x 24" filler block
4 pieces	1/4" x 1" x 6' stringers
4 pieces	3/4" x 4-7/8" x 10' front spar-bevel 10° top/3° bottom
4 pieces	3/4" x 3-11/16" x 10' rear spar-bevel 10° top only
1 piece	3/4" x 4-15/16" x 4' 6" front center section-bevel 10° top only
1 piece	3/4" x 3-3/4" x 4' 6" rear center section-bevel 10° top only
4 pieces	1/2" x 2-7/8" x 5' 8" aileron false spar
4 pieces	1/2" x 2-9/16" x 5' 8" front aileron spar
4 pieces	1/2" x 1-3/16" x 5' rear aileron spar

NOTE: Spars do not come beveled.

Want Ads Cont'd

Hatz CB-1 Cont'd



Want Ads Cont'd

Stits SA3B Playboy N1294V

Recently appeared in the weeds outside the fence at "Frightmare", near Old Wadsworth and 108th. Contact Karl Sutterfield, kasutt@blindhog.com for more information.

According to the FAA Registry Inquiry, N1294V is an amateur built experimental powered by a Lycoming model O-290 Series 140 hp piston engine. Its airworthiness certificate is dated 09/18/86.



Above is an example picture of the single seat low *folding* wing aircraft in flying condition.

Rans S-19 Project for Sale.

Vertical stab/rudder complete; stabilator complete except for tips & balance. Fuselage approx. 75% complete. Wing structure complete, needs to be plumbed, wired, and skinned. Ailerons complete except balance. All airframe kits/parts included to complete, including cowling, seats and canopy. Project located at Rocky Mountain Metro Airport (KBJC). \$25,000. Contact Don Smith at 303-524-4344.



MILE HIGH EAA Chapter 43
October 14, 2017

Chapter President Ken Scott called the meeting to order at 7:06 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

Frank Johnson, a long-time pilot who retired from American Airlines 9 years ago, has just moved to the Denver area from California. Zach Brewer, who's been flying for 4 years, is thinking about building a plane. Zach's friend Craig Harrison just got his license.

ANNOUNCEMENTS

Newsletter publisher Val Gregory presented cookies to John Evens for his editing of the September newsletter.

Mike Gugeler has been helping to rebuild a SPAD XIII (French WWI bi-wing fighter) at Platte Valley's Vintage Aero Flying Museum, which completed its first reflight in September. Mike performed the plane's weight & balance, requiring 110# of lead in the nose of the plane to balance, due in large part to the weight difference in the original Hispano-Suiza engine (1000#) vs. the new Lycoming (400#). The lead was enclosed in a steel box welded to engine mount extensions. Heating issues were noted during the flight, and the museum is looking for a 94" to 100" x 48 to 52 pitched prop for the SPAD. The plane is currently located at Greeley-Weld County Airport.

John Evens has a NavWorx ADS600-B (in-out) with built in Wi-Fi. Due to a dispute between NavWorx and the FAA, he bought and installed a U-Avionics unit instead. The dispute has been resolved, with a \$300 update required for the unit by November 1. John is willing to sell the unit for \$300 (for a total cost of \$600).

Ken Scott relayed that the FAA has placed an indefinite hold on their ICAO plan, which would require the International Civil Aviation Organization (ICAO) format, for all civil flight plans filed with flight service for flights within the US National Airspace System and to Canada.

On November 1, the EAA is showing a Mike Bush webinar on IFR.

Sign up for EAA calendars (\$12 from the chapter, \$15 from national)!

ANECDOTE OF THE MONTH

None

APPROVAL OF SEPTEMBER MINUTES

Miles motioned and the minutes were approved.

TREASURER REPORT

Balances are \$10,470 for the Chapter, \$1109 for Young Aviators, and \$3414 for 2018 Scholarship.

TECH TALK

Jeff Jones on the Garmin G5.

Jeff's been taking his IFR training for the past month or so, but his RV-7 is set up with a VFR panel. It has backup altitude and airspeed, but no attitude. He looked at four different indicators, including the Garmin G5. He was surprised by the functionality available in such a small package – it even has a 2 hour backup battery. The G5 can function as part of the G3X system or stand alone. It also provides backup AHARS. Easy installation, slotting in place of the current backup airspeed. Cost is around \$1500 for the experimental unit.

Meeting Minutes Continued

TRIP REPORTS

Phil Brown flew to Alliance, NE for the eclipse in his 180 Comanche. Beautiful weather until about the Platte River, when he encountered ground fog, so he flew in circles waiting for it to burn off, since he was strictly VFR. He was seeing spots of ground and others landing VFR when the tower called to let him know he was lined up with runway 26 (parking only!) and to give him directions to runway 30. Phil said if he'd gotten the ILS frequency ahead of time he could have avoided the issue. He commented on the excellent accommodations and showed a picture of the airplanes lined up ready to leave. Had a good time!

Bill and Mary Mitchell flew to the Cessna 195 convention at Stearman Airfield near Wichita, KS. The first day featured a 6-hour tour of the B-29 "Doc", which Bill thought wouldn't be all that exciting, but he's glad he went – the plane is amazingly complex! There was also a flight to Beaumont, KS, landing and taxiing through town to the old hotel and restaurant. Lots of flying, and good weather except for the return.

John Reuterskiold went to Syracuse, KS for Chapter 377's annual fly-in, which featured a Yak/Nanchang flyby. Had an excellent time.

Steve Beach and Janie toured the southwest, including the Pima Boneyard. Note that entrance to the boneyard requires an online request at least 10 days prior to your visit. The original boneyard gate is closed, enter at the Pima gate and be aware that security is much more involved than in the past. (Pub. – go to www.pimaair.org/visit/plan-your-visit).

Stephanie Wells travelled to Chalice, ID and backpacked in to watch the eclipse. The western wildfires made it really smoky, but didn't obscure the eclipse.

Herrill Davenport went to New York and got a ride in a Super Blanik sailplane; the pilot did aerobatics to get back down for landing. He saw the eclipse from Wyoming.

PROJECT REPORTS

John Evens' Kitfox is now at Erie for final assembly! Jim Sutton provided his new trailer with tilt and an electric winch. Bill Mitchell provided hangar space. John's Kitfox is one of the first (if not the first) to sport Oratex fabric. He found the tail emblem online and paid a usage royalty, then two months later Kitfox Aircraft unveiled their new logo – a horizontal version of the same artwork. There was some question on the Kitfox forum if Kitfox had obtained the rights to the artwork, kicking off a bit of an internet flurry. Build photos included folding camlocks on the trailing edge of the turtle deck, glare shield and panel (with round gauges), engine install, battery box, and cabin heater.

SAFETY REPORT

Stephanie Wells attended a presentation on an ARPAO box to talk to a tablet for up-to-date weather – pretty cool, but don't use it to pick a path between storms – use your eyes!

Bill Mitchell – too many people are hesitant to call the tower if they're not sure of their approach or otherwise getting into trouble – don't be!

YOUNG EAGLES

September 16th was too rainy as was September 23rd. September 30th was foggy until 9-9:30, then flying started. Winds were calm over a cloud bank that gradually receded to the north. Miles passed along a thank-you from a young man who'd flown with Miles. For October 21, Stan Specht is out of town so pilots are needed. On Sunday October 22, 20 ROTC kids will be flying with their forms all filled out before arrival from Mapleton.

YOUNG AVIATORS

No report; Scott Serani and the Young Aviators are at the Denver Maker Faire.

TECH COUNSELORS

No report

Meeting Minutes Continued

FLIGHT ADVISORS

Bill Mitchell helped with a GlaStar first flight.

OLD BUSINESS

Election in Nov

Two Board members to replace Scott and Stan

All Officers up for election Pres, VPs, Sec and Treasurer

Vice President candidates are needed! Please consider before the current officers have to start twisting arms! The primary responsibility of the vice presidents is to come up with programs for the member meetings, not counting the January Holiday party, May Picnic, and the August or September Pizza Party/AirVenture Debrief. Phil Brown and Jeff Jones have already scheduled programs for 5 of the 9 meetings needed.

NEW BUSINESS

Meeting Place – Mt. Evans Room - Changes by Rocky Mountain Metro Airport starting in 2019 may result in meeting room fees.

Congratulations to Stan Specht for flying his 400th Young Eagle on September 30th!

EAA “Leadership BootCamp”

Chapter 43 has been asked to host a 1 day seminar in the Denver Area, condensed from the 2 day program at Oshkosh. 10 members have an interest in attending, and more are expected from other area chapters and chapters from surrounding states. (See the Newsletter for more information.)

The meeting was adjourned at approximately 8:15pm

Respectfully submitted,

Val Gregory, EAA Chapter 43 Secretary

TONIGHT’S PROGRAM

Due to cancellation of the scheduled program from the FAA, a Movie Night was declared and Herrill Davenport showed a 2012 tour of the International Space Station.

**EAA One-Day Leadership Boot Camp
January 27, 2018, 8am-5pm
Mount Evans Room, Rocky Mountain Metro Airport Terminal Building**

EAA National has requested that Chapter 43 host a one-day version of the 2-day Leadership Boot Camp held at EAA National headquarters in Oshkosh. The chapter usually sends one or two chapter officers annually to the Boot Camp, and travel costs to the event are one of the chapter’s largest expenses. The event will be open to local and regional EAA chapters, with an attendance of 30-40. Chapter President Ken Scott contacted RMMA to determine facility availability and costs, and our usual meeting room is available for free. EAA National will provide lunch, and Chapter 43 will provide snacks and coffee. Ken also asked about interest during the October member meeting, and about 10 folks raised their hands. Ken, Scott Serani, and Stan Specht have volunteered to help hold the event. More to come on this as more detail is available.

The Wonderment of Flight

What wonderment have we who yearn
For extraordinary things to learn
Beyond the bounds of schoolhouse walls
And higher than a building tall

For now we live within a time
To do what many have so pined
What generations countless wished
Is to us a precious gift

Many through the years have tried
And sadly, some have also died
But from their efforts and travails
Two Wrights and one Dumont prevailed

In their strange machines with wings
They did the most amazing things
To lift away from earth and field
A great new power did they wield



Humans now could dance and flirt
Among the clouds above the earth
Perspectives thus beyond compare
Gained solely from within the air

Abilities both grim and great
Flight has allowed us to create
Craft of countless shapes designed
Some that sputtered - some that whined

Today a person young or old
May take a step that some find bold
To take a class and learn to fly
And sail above our home so high

Then with precious few they stand
A pilot's license in their hand
Significant by any gauge
A privilege of the modern age



Martin J. Postma 17 September 2017
FAA private pilot certificate number 4016906
Seat 19A - Boeing 787 – en route from Philadelphia to Denver



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 or	\$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: *Scholarship donations are tax deductible.*

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

*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
Technical Counselor	Stewart Bergner	303-229-7799
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

Disclaimer

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Mile High Flyer
EAA Chapter 43
P.O. Box 1725
Broomfield, CO 80038-1725

First Class



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.