

TAILWINDS



**EAA CHAPTER
974
NEWSLETTER
JANUARY 2018**



Butler County Regional Airport
Hamilton, Ohio



IN THIS ISSUE:

JANUARY MEETING WRAP UP AND PHOTOS

PROJECT REPORTS:

KEVIN GASSERT'S ERCOUCPE FIRST ENGINE RUN

SCOTT HERSHA'S RV-8 WITH PIEZO WARNING BUZZER

THE PREZ SEZ

CHAPTER CONTACTS

JANUARY MEETING MINUTES

CHAPTER WIKI PROJECT

BOOK REPORT, SCOTT KELLY'S "ENDURANCE"

JANUARY 2018 MEETING AT CINCINNATI JET CENTER

Page 2

On a cold January 7, we were warm and cozy in the upstairs of the Cincinnati Jet Center FBO. Thanks Jet Center! There was no program but prez Scott lead a discussion of programs for the year and worked through the yearly meeting schedule to accommodate holiday weekends which we occasionally bump into with our first-of-the-month Sunday meetings. It was good of Scott to do this ahead of time to avoid confusion as the year progresses.

Photos: ed.



Pictured above left are Chapter 974 officers for 2018:

*Left to right: Tim Morris, secretary, Tom Martin, vice president, Scott Balmos, president
Roger McClure, Treasurer*

KEVIN GASSERT STARTS HIS ERCOUCPE

Page 3

Pictured below are shots of Kevin Gassert starting his Ercoupe restoration project for it's first run. I don't have a lot of background information on his first start, but it appears to have gone well. Al Kenkel reports solid oil pressure and no leaks, and hey, the prop is spinning, a good sign! Al also reports Kevin has a complete interior ready to install. Also shown, upper left is Mike Wood helping Kevin install the panel in preparation for start-up. Congratulations Kevin! That first start is a real milestone! Photo Credit: Al Kenkel



PROGRESS REPORT, SCOTT HERSHA'S RV-8

Featured below is Scott Hersha's RV-8. He's made tremendous progress since we last saw it during the November Hangar Crawl. The wings are mounted and she's up on the gear. Scott appears to be at the infamous 90-90 stage, with 90% complete and 90% to go. There's wiring, plumbing to finish and an engine to mount. I had a special reason for wanting to visit Scott's hangar. It was in memory of Gary Collins' terrible accident. Those of you at the January meeting may remember Scott talking about his piezo buzzer to warn of the mag switches being left on after shut-down. His mag switches are double pole single throw which supplies power to the buzzer if the switches are in the mags-on position. He has this set up to sound the buzzer when there is no power from the alternator. If the alternator should fail during flight, the buzzer would sound, but you would not hear it over the noise of the engine which really wouldn't be an issue. It's meant as a warning to treat a stopped prop with great care when sitting on the ground which we should always do in any case.

Thank you, Scott for your excellent contribution to safety! Your RV-8 is looking great!

Photos: ed.



THE PREZ SEZ.....

It was great to see so many of you at the meeting a few weeks ago. Even in the dead of winter, many of us are busy working away on our projects. A reminder that, as is tradition, the February meeting (Feb. 4 at 2pm) will be hosted by our esteemed secretary, Tim Morris, at his shop - Moss-Vale. The address is 160 Donald Drive, 45014.

Although it's beyond dreadfully cold, winter is still a great time to go up and fly. If you can manage to stay warm, we have many days that are crystal clear and sunny. And our planes LOVE the calm, thick, cold air. Perfect flying conditions.

Who says we have to put up with cabin fever? Until next time and the next meeting, stay warm and busy everyone!

Scott Balmos



EAA CHAPTER 974 CONTACTS

How to Contact Chapter 974

officers@eaa974.org — will reach president, vice president, treasurer, secretary as a group

president@eaa974.org — will reach chapter president (Scott Balmos)

newsletters@eaa974.org — will reach newsletter editor (Bob Dombek)

youngeagles@eaa974.org — will reach Young Eagles Coordinator (Bob Burkhardt)

techcounselor@eaa974.org — will reach technical counselor (Ray Parker)

general@lists.eaa974.org — group e-mail to all chapter members

list.admin@eaa974.org — to be added or removed from the group email list

<http://wiki.eaa974.org> — chapter wiki page

SECRETARY'S REPORT, JANUARY 2018 MINUTES

Page 6



EAA Chapter 974 January 2018 Meeting

Call to order at 2:01

No new guests

Tech Report:

Scott Hersha put his wings on his RV-8. Installed a piezo buzzer and a led to indicate a mag left on.

Ray Parker has wings off the Vari-ez.

Kevin Gassert started the engine on his latest Ercoupe. He is finishing a 7 year rebuild.

Mike Mckosky is working on spars for his Zenith.

Hangar Report: water was turned off when the temp went below 15 degrees. Timer switch is broken. Motion detector motion was made and passed.

Library, Newsletter: reminder to submit things for newsletter. Book Report Endurance by Scott Kelly talks about preparing for and spending time on the International Space Station.

Treasurer's Report: Income 140 \$. Dues due 20. Expenses 462 new fridge supplies and meeting supplies. balance \$ 4738

Young eagles summary: No report

Old business: The old fridge was not refrigerating and a replacement was bought at Lowes, Motion made to remove hanging furnace within 6 months passed.

New business: Next meeting at Moss Vale inc, 160 Donald Drive, Fairfield, OH 45014, Tim Morris cell 513.295.8192 for directions.

Possible tower trip to CVG was discussed, several were interested.

Possible visit from Aviation Videographer may be a speaker this summer.

Chapter Wiki Project

At the January 2018 Chapter meeting it was asked if the Chapter members have a collection of Hints / Tricks / Tips that they would be willing to share with the other members. We all have these tidbits locked in our heads or on scraps of paper collecting dust on the work bench. If you have some of these that you're willing to share, the Chapter has a place for them and it is even searchable!

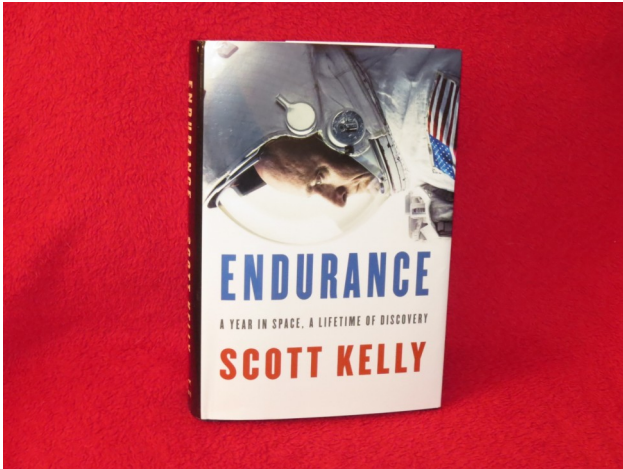
You can visit the Chapter Wiki by visiting <http://wiki.eaa974.org> and while there is not much information posted within its pages you can sign up and add as well as edit that pages that are there. So say that you've been doing some research on stall warning devices and just received an email from Kitplanes magazine that had a write up about how to make one, that would be a great thing to pass along to the Chapter and a way to preserve that for the future is to add that to the Wiki and anyone can find that information down the road. And you'll find that it has been added to the Chapter Wiki compete with pictures and links. You can see it at http://wiki.eaa974.org/index.php?title=Build_your_own_Stall_Warning_Device.

Please visit, sign up, and add / edit some pages. It's easy to add and there is a help page that can guide you along making the page look how you'd like. And if you get stuck, there are a few of us that are more than happy to help. Just drop a line to wiki@eaa974.org

This is a project that needs your help by contributing information to it, as the saying goes many hands make light work and this can become a valuable resource as time passes. You can even find a chart there for cooking the perfect streak since the editor of that page didn't want to lose the knowledge as he's done in the past.

A note from your editor:

One of the main reasons for our existence is education. Yeah, we can invite speakers. That's a good thing as Martha Stewart used to say, but think how much we can educate each other. With all the resources in our chapter, there are several ways this can happen. We always do this informally when we visit each other's hangars and projects. Then there is the chapter's Wiki page described above. Or, you can send me text and pictures describing your issue, which I can publish in the newsletter. If you just want to tell me about it, I'll be happy to ghost write for you and give you complete credit. I will even come and take pictures. Maybe it's just to solve a stubborn problem like putting a nut on a bolt when the access is terrible. Or maybe it's something bigger, like Doug Hurd's prop clocking solution to reduce vibration. Another example is here in this issue, Scott Hersha's mags-on warning buzzer. So, Chapter 974, don't hide your candles under bushels. I'll bet there are lots of candles out there to light our way! Here's looking forward to a great 2018! Thanks and Happy Landings! Bob



Above, hardcover copy of "Endurance".

Above right is a shot on my computer screen from NASA TV I was up 'til "Oh Dark Thirty" for this!

Photos: Ed

From time to time, I come across something that I think might make good reading for chapter members. I reported on Scott Kelly's book "Endurance" briefly, at the January chapter meeting. I'd like to expand on my report just a little.

In writing "Endurance", Scott Kelly describes in detail the experience of spending a full year in space aboard the International Space Station. This, by itself would make great reading, but Kelly also goes into a detailed, but certainly not boring, account of his early experiences in training at the SUNY Maritime Merchant Marine Academy, and then his experience as a Navy pilot from primary training to flying F-14's off carriers and later as a test pilot. He is a veteran of 4 space flights, beginning with the shuttle and later on the ISS.

Not surprisingly, Kelly was inspired to go to space as a youngster reading "The Right Stuff". As kids, he and his twin brother Mark were mischief makers and daredevils, with Scott being the instigator of much of their hijinks. The fact of their being twins added to the scientific bonus of Scott's long duration flight. Much medical, psychological and DNA testing was done on both of them to measure and compare the effects of long duration space flight.

One aspect of the book, fascinating to me, that was woven throughout, was the comparisons between the US and Russian Space Programs from procedural to equipment differences. The trips to and from the space station via the Soyuz vehicle was a stark contrast to the space shuttle. The Soyuz was markedly uncomfortable to say the least. Kelly was months recovering from the after effects of his long duration mission.

I highly recommend "Endurance" to all chapter members. You won't be able to put it down!