



**NAVY COMMANDER  
KENDRA BOWERS ON  
DECK...**



**COMMANDER  
BOWERS ON A  
MISSION AT ALTITUDE**



**GERHARD'S SON AND  
GRANDDAUGHTERS  
ENJOY A HARLEY**

# 182 FLYER



## President's Column

We had another great meeting highlighted by the presentation from our guest speaker, Commander Kendra Bowers. Listening to her feats and stories was enjoyed by all. When we found out that she has not flown since active duty, she got many flight offers, including from the 99s and from Steve Dee. This will be our "thank you" to her for joining us to speak.

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[182.eaachapter.org](http://182.eaachapter.org)

My son and daughter also came to the meeting and enjoyed viewing the planes of the CAF Squadron and meeting everyone. My granddaughters also made the trip from Germany to visit us and we all spent time at my hangar where the girls sat in some planes and on a Harley, enjoying themselves immensely.

We will have a busy May with all of the events that will be taking place. **PLEASE** sign up for our B-17 event as we need all hands on deck to make this successful! Be sure to invite any interested veterans that you know to join us as well.

We also send thoughts for a speedy recovery to Dwight Smith and Patrick Dixon as they recuperate from surgery.

And finally, don't forget to support our fellow 99s participants in the Air Race Classic 2019 which will originate in Jackson, Tennessee. The *Spirit of Memphis* team will be Alexis Meaders and Sheila Smith. They will be the first team to take off in this year's race. The team has nice commemorative t-shirts for sale to support their fundraising efforts.

Blue Skies!

Gerhard Schubert, President

## VP Ramblings

ADS-B - To paraphrase Marvin The Paranoid Android (if you don't know who that is, Google it and then read the books!). Anyway, to paraphrase - 'ADS-B, loath it or ignore it, you can't like it!' Actually, I do like it having had Out and In when I had my Starduster and having In now and waiting for my Uavionix Tailbeacon to get the Out functionality. But, I digress, so do you know how it works? Do you know all the rules? I thought I did until we had a discussion at Sikeston and I came home and did more research. 30NM hockey puck for ground station transmitted TIS-B for non-ADS-B Out equipped aircraft with SSR/ATC processed transponder signals sent by wire to the ADS-B ground tower. Ground towers have to be triggered by an ADS-B Out signal (yours or someone else's) to send TIS-B. ADS-B is direct aircraft to aircraft ADS-B Out to ADS-B In. And then there is 1090 as well... very confusing. We also have to be aware that outside of Class A,B and C airspace, any Mode C veil, and below 10,000 feet it is not a requirement (yet), so in Class D thru G below 10,000 feet, you won't see *every* aircraft within ADS-B range because they may not have a transponder (so no TIS-B) or ADS-B Out, so no direct

## Another Fine Spring Meeting At The CAF



(Top): President Gerhard Schubert visits w/ granddaughters from Germany. (Center): President Schubert w/ family from Germany. (Bottom): Commander Bowers speaks to members.

communication. Also, what about transponder exempt aircraft? Actually, the current view is that the same exemption rules apply to ADS-B Out for all those non-electric (engine replenished) aircraft, so you don't need it. Check out Federal Regs 14 CFR 91.225 and CFR 91.227 or Sporty's Facebook page which has a good report on the requirements.

A quick anecdote on ADS-B from the Sikeston trip. I was flying with Eddie Brewer in his Kitfox and had my new Stratux ADS-B hooked up to my iPad with WingX. Cruising along I saw a target on the iPad 300 feet below us on the same course and at the same speed. We turned right and it stayed beneath us, we turned left and it stayed beneath us; we saw nothing in sight on either turn so we decided it was ghost image of some sort. It wasn't, it was our transponder signal being sent out from the ground tower TIS-B and picked up by my ADS-B In. But why was it showing 300 feet lower? I think I know, do you? Let me know at [EAA182MEMPHIS@gmail.com](mailto:EAA182MEMPHIS@gmail.com) and mark the subject **ADS-B**.

Final Ramblings:

Young Eagles May 11th at DeWitt Spain airport, MO1. Details by email, we site and Facebook page, but please mark the date. We need volunteers but you **MUST** have completed the EAA education (10 minutes online), submitted your details and have the FBI background check done to work with the Young Eagles. That takes around five days to turn around, so get those checks (and renewals) done soon!

Don't forget the Memphis Air Show on May 25th. That is a flying day for us, so our destination will be MO1 that day. I'd like to see our members volunteering to help the CAF Squadron on the day as it will be busy. Watch the website and your emails for details...

Please do complete and return the membership form even if you are already a member. The database I inherited had some issues and I want to be sure that I have everybody properly entered into the new one that I am building.

Did you all mark your calendars for the 4th Saturday of each month as EAA182 Fly Out (or In!) Day? Sikeston was a fun outing which I hope we can replicate, so please mark those dates and watch the website for details.

Did you set up your account on the website? You need to do that to get access to the Members Only section which will have features such as the Tool Exchange. The site is getting better every week, so please do take a look and send comments to [EAA182MEMPHIS@gmail.com](mailto:EAA182MEMPHIS@gmail.com) and put **ATT:Web Master - Website** in the subject. I'll make sure emails get forwarded to Cameron.

Well, that's enough ramblings for now, more next month!

CAVOK and Tailwinds all...

Gary

# April Meeting Minutes

The April meeting was held at the CAF hangar at DeWitt Spain Airport on April 13, 2019 at 9:30a.m.

Chapter President Gerhard Schubert welcomed everyone. There were approximately 40 people in attendance, including members of the Memphis 99s.

Gerhard introduced our guest speaker, Commander Kendra Bowers, USN, whose presentation included how she became interested in aviation and her achievements in her career as a female Navy Pilot. Commander Bowers comes from a family of aviators and is a graduate of the U.S. Naval Academy. She was the first female pilot to drop bombs in combat, flying an F-18 launched from the USS Enterprise in the Persian Gulf, earning her the Navy Commendation Medal with "V" device for valor in the line of duty. Commander Bowers spoke about flying several reconnaissance missions over Iraq airspace prior to the official mission and also talked about experiences taking off and landing on carriers as well as about successfully dodging and enemy surface-to-air missile and having a close call with an emergency refueling situation. All of the close calls she presented were as though it was "just normal" flight activity. Her presentation was well received and she now has several offers of flights to get her back in a plane!

The next order of business was to introduce the schedule for the upcoming EAA B-17 event to be held at Millington-Memphis Airport from May 30th to June 2nd. a list for volunteer sign up was available, and while there were some sign ups, we still need volunteers. The minimum number of volunteers needed per day is 5.

The Airport Manager at Millington-Memphis, Roy Remington, and Operations Manager, Alicia McCraw, will take care of public relations activities since they have excellent contacts with the media. They also own advertising spots with a 30-second B-17 clip that was provided by EAA headquarters tour management.

We will use the apron in front of CTI to make short taxiing distances possible. Fuel for the B-17 is being provided by CTI.

Vice President Gary Maidment reminded attendees about the activities for the "Memphis in May" Airshow where volunteers are needed to help the CAF Squadron with ground support.

Gary also reported about the successful fly out and announced that the next fly out will be on April 27th to Dexter, Missouri (KDXE).

The meeting was adjourned at 11a.m. The May meeting will be held on the 11th, location TBD.

Clear Skies and Tailwinds!

Submitted by Gerhard Schubert, President

# 182 Flyer Marketplace

I have been spring cleaning my hangar and have the following for sale:

Scott 3200 tailwheel assembly with new tire \$750.00 ~ Comant Ci-105 DME/Xpdr Antenna \$90.00 ~ MGL V6 Transceiver \$800.00 ~ PM1000 Intercom \$20 Skyguard TWX ADS-B \$920.00 ~ TED ADS-B antenna \$25.00 ~ ELT 406 w/internal GPS \$1,000.00 ~ Delta Pop ADS-B Antenna (x2) \$100.00 ~ Skyguard TWX ADS-B \$920.00 ~ TED ADS-B antenna \$25.00 ~ ELT 406 W/internal GPS \$1,000.00 ~

Piper gascolator \$50.00 ~ Falcon SHT-030 shunt amBendix PS5C Pressure carb \$300.00 ~ Holley Blue Electric fuel pump - 14psi for PS5C Carb \$10.00 ~ p/volt \$20.00 ~ 4x CHT Bayonet style probe

\$30.00 each ~ 4x CHT threaded bayonet style adapter \$4.00 each ~ 4x EGT TYP K EGT thermocouple clamp \$35.00 each ~ Falcon AV3016-002 amp/voltmeter \$65.00 ~ Falcon OPS-100

Oil pressure transducer \$60.00 ~ Falcon OPT100-002 dual oil gauge \$80.00 ~ Swift oil/water temp sender 5/8" - 18 \$10.00 ~ Altimeter \$400.00 ~ ASI \$150.00 ~ Skysports electric turn coordinator

\$300.00 ~ 2x Vacuum turn coordinator \$100.00 each ~ 2x static port kit \$15.00 each ~ MGL Velocity 12 channel CHT/EGT Gauge-1/8 \$300.00 ~ VDO 360-025 oil pressure sender 11.4 \$45.00

Everything was working when it came out of my Starduster Too and apart from the exhaust

~ Flight Data G-Meter GT50 12/28 \$120.00 ~ Narco AR850 Altitude encoder \$100.00 ~ Narco AT150 Transponder \$350.00 ~ TED XPDR antenna \$25.00 ~ 12x Aeroshell 80 \$48.50 ~ AC Delco 50 amp alternator \$25.00 ~ 2x circuit breaker 10 amp \$3.50 each ~ 2x circuit breaker 1 amp \$4.50 each ~ 1x circuit breaker 30 amp \$4.50 ~ 12x circuit breaker 5 amp \$3.50 each ~ 1x circuit breaker 60 amp \$11.00 ~ 2x fusible link 100 amp \$10.00 each ~ Ignition switch A-510-2 \$100.00 ~ 2x Solenoid \$5.00 each ~ Swift amp/volt shunt 30A 50MV \$15.00 ~ AFC-K001 Airwolf remote filter kit \$400.00 ~ Brackett Aero BA-3910 air filter assembly \$45.00 ~ Exhaust system O-360 horizontal induction, damaged tailpipes \$500.00 ~ Oil cooler \$150.00 ~ SKY-TECH Starter 149-NL \$400.00 ~

tailpipes, nothing is damaged. Open to offers as I'd rather see these things being used than sitting on a shelf in my hangar. I also have a Lycoming HO-360-B1B, 22hrs SMOH which did have a prop strike and probably needs a new crankshaft; all new Millennium cylinders, overhauled mags, ground cam

etc. Too much to list but I have the engine log book with full details. Asking \$5,000.00 for the engine, but open to offers.

Gary, 901-483-3222, [maidment\\_gary@hotmail.com](mailto:maidment_gary@hotmail.com) or message me on FB



*Editors note: Please go to [182.eaachapter.org](http://182.eaachapter.org) to see a monthly calendar at this time. This chapter newsletter will be refined and improved with each subsequent monthly issue - A.H.*



# JOIN THE FLIGHT!


  
 B-17G FLYING FORTRESS
   
 MISSION READY
   
 ALUMINUM OVERCAST

Climb aboard EAA's B-17G *Aluminum Overcast* for a once-in-a-lifetime opportunity to fly in one of World War II's most vital aircraft.

## Millington-Memphis Airport May 31-June 2, 2019

FLIGHT EXPERIENCE PRICING AND TIMES			GROUND TOURS PRICING AND TIMES	
Flights available 10 a.m. to 1 p.m.			Ground tours available 2 to 5 p.m.	
<b>EAA MEMBERS</b>	<b>NONMEMBERS</b>	<b>INDIVIDUALS</b>	<b>FAMILIES</b>	<b>VETERAN/ ACTIVE MILITARY</b>
<b>\$435</b>	<b>\$475</b>	<b>\$10</b>	<b>\$20</b>	<b>FREE</b>
Includes a FREE one-year EAA membership		8 & under w/paid adult are FREE	Adults and children up to age 17	

Visit [B17.org](http://B17.org) or call **800-359-6217**.



*"Keep 'Em Flying" – Revenue from the B-17 tour helps cover maintenance and operations costs for *Aluminum Overcast*.*

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# May

## 2019

### April

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### June

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	1	2	3	4
						CAF monthly meeting @ DeWitt Spain
5	6	7	8	9	10	11
						EAA Chapter 182 monthly meeting @ Millington
12	13	14	15	16	17	18
19	20	21	22	23	24	25
						Memphis Airshow @ DeWitt Spain
26	27	28	29	30	31	1
			B-17 arrives @ Millington (press flights)	B-17 @ Millington (revenue flights begin)		B-17 @ Millington
2	3	4	5	6	7	8
B-17 @ Millington						

