



## SCHAf Newsletter for April 2017-

**Reminder: The next SCHAf Open House will take place Saturday, April 8, 2017. 10am-1pm at Hangar Y-1 Hamilton-Owens Airport. The SCHAf Membership Appreciation Night will take place Friday, April 7 at 6pm at Hangar Y-1 at Hamilton-Owens Airport.**

### Foundation Happenings-

April will be a busy month as we remember an important event in our nation's history. It all has to do with the 75<sup>th</sup> anniversary of the Doolittle Raid on Tokyo. We'll have more about that below but first let's see what's been going on in the past month.

A good open house on Saturday, March 14<sup>th</sup>. Good turnout by members and met a number of nice people visited Y-1 that morning. Members present were: Ken Berry, David and Mary McIntosh, Ron Skipper, Katherine Cuddy, Alton Blanks, Ted Podewil, Ron Shelton, David Moxley and Marvin Williams. Had a number of visitors who were interested in the restoration of GF-2 and the mission of SCHAf.



We were also paid a visit by the Jack and Jill Club, a youth group from the Spring Valley area that involves young people in various community service projects.



We have a number of activities planned for April. The April open house, of course, will take place Saturday, April 8<sup>th</sup>. On Friday, April 7<sup>th</sup> we will hold Membership Appreciation Night. It will be a chance to thank the members who have supported SCHAf over the years and also, we hope, get members we haven't seen in a while to drop by and find out more about what SCHAf is up to and how they can help. If you haven't renewed your membership it will be a great chance to come, re-up and meet with friends who share an interest in aviation and history. We'll have pizza, desserts and refreshments. On hand will be a special guest, Bill Rouw,

who is a member of SCHAF and also the crew chief for "Hot Gen," the B-25 of the Canadian Warplanes Heritage Museum in Canada. Of course the next day, Saturday, April 8<sup>th</sup> will be our monthly open house and we will commemorate the 75<sup>th</sup> anniversary of the Doolittle Raid on Tokyo. We expect to have a visit from Martin Crouch, son of Horace "Sally" Crouch, a South Carolinian who was a crew member on plane #10 that took off from the *U.S.S. Hornet*. During membership appreciation night and the open house we will have copies of [The Amazing Story of Sgt. Jacob Deshazer by C. Hoyt Watson](#) for sale. It's the story of one of the Doolittle Raiders who was captured by the Japanese, spent 40 months in captivity, condemned to death and given a reprieve by Emperor Hirohito. After the war he would become a missionary in Japan. The price will be \$7 for SCHAF members and \$10 for non-members. It was first published in 1950 and reprinted in 2002. We have a number of copies and they are in mint condition. Given that used copies are selling for more, it's quite a bargain. Again, membership appreciation night April 7<sup>th</sup> and open house on April 8<sup>th</sup>. Hope to see you at both events.

The board of directors of the South Carolina Historic Aviation Foundation met on Thursday, April 23<sup>rd</sup>, 2017 at Hamilton-Owens Airport in Columbia. Board members present were Ron Shelton, David McIntosh, Ron Skipper, Scott Linaberry, Xen Motsinger, Cantzon Foster and Katherine Cuddy. Members present were Mary McIntosh and Richard Hill.

Ron Skipper reported that the restoration of GF-2 is coming along nicely and that the restoration crew is close to putting aluminum skin on portions of the plane. Those present were shown the rollers for cockpit windows that have been fabricated recently. There was also discussion of the process of transferring treasurer's duties from Cantzon Foster to Katherine Cuddy, who was recently elected to the board to service as treasurer. There was also discussion of fund raising projects that could be undertaken in the coming months. Ron Shelton also reported that SCHAF will be taking part in Midlands Gives in May and will be present at the Midlands Gives Expo that will take place at Spirit Communications Park. The board was also briefed on events taking place in April marking the 75<sup>th</sup> anniversary of the Doolittle Raid. Under other business it was agreed that SCHAF needs to do a better job of promoting the organization and projects such as the restoration of GF-2. It was also agreed that SCHAF will be present with a booth at an air show taking place at McEntire Joint National Guard Base in May.

A final note under foundation business; SCHAF member Richard Hill will be relocating to the Pacific Northwest in the near future. Over the past few years Richard has been an outstanding part of the project to restore GF-2 to her former glory by serving as the foreman of the restoration team. We would like to take a moment to thank Richard for his service to SCHAF and his untiring efforts at leading the team involved with GF-2s restoration. Richard has agreed to assist in the future as a long distance consultant to SCHAF. Again, thanks Richard for everything.

## Historical Notes-

This month marks the 75<sup>th</sup> anniversary of the historic raid on Tokyo by the Doolittle Raiders and a number of events and activities will taking place around the midlands to mark the occasion. We've already made mention that SCHAF will be honoring the memory of the Doolittle Raid at the April open house. Below, just some of the other things taking place. I'm sure you'll find one or more events you might be interested in.

Thursday, April 6, additional emphasis of Lake Murray's significance in the commemoration will take place at Crooked Creek Park, Irmo-Chapin Recreation Commission, 1098 Old Lexington Highway, Chapin, SC. At 7:30 am, the Chapin Sunrise Rotary Club will hear Richard Peterson whose family was involved in multiple aspects of this history. At 10:30 am the Senior Lunch Bunch will have a presentation by Rachel Haynie, author of: "Stalled," a novel that opens with the ditching of the B-25, as well as ["Cornfield to Airfield: A History of Columbia Army Air Base."](#) Randall Shealy, revered local historian, will have tables of artifacts set up in the lobby and will discuss Lake Murray history with members of the community and student groups. Saturday, April 8 SCHAF will dedicate its Second Saturday Open House, 10 am and noon, to commemorating the Doolittle Raid and the B-25's involvement in that mission to Tokyo.

Saturday, April 8 also is History Day at the South Carolina State Museum (SCSM.) Ron Shelton, SCHAF education vice president and South Carolina State Museum science curator emeritus will greet visitors at 12:30

pm and 1:30 pm on the museum's third level at the model of the USS Hornet. Shelton will talk about the 16 B-25s and crews that were recruited for a top secret mission and began training at CAAB before launching from the deck of the USS Hornet that fateful April day to make their audacious run to Japan. Museum admission.

Tuesday, April 18, the anniversary date on which the raid took place in 1942, will be highlighted by a Lourie Center dance and concert with music by the Capital City Big Band, to be directed by Dick Goodwin. Tickets are \$10; to purchase or for more information go to [www.louriecentersc.com](http://www.louriecentersc.com).

Monday, April 24, during a 6 pm meeting of the Dutch Fork Historical Society, Chapin Library, 212 S. Lake Drive, Lexington (803-785-2600,) Kay Gordon will recount her recollections and engagement with the rescue of the Lake Murray Bomber and her story published in Air & Space Magazine Free, open to public.

Friday, June 2, noon, James Scott, the author of "[Target Tokyo](#)," will speak as part of the SC Confederate Relic Room and History Museum's Lunch and Learn series. Scott also will sign copies of his critically-acclaimed book. Free, open to public.

Something interesting about Allied planes flown by the Luftwaffe during World War II: [https://www.warhistoryonline.com/military-vehicle-news/luftwaffe-p-38\\_lightning.html](https://www.warhistoryonline.com/military-vehicle-news/luftwaffe-p-38_lightning.html) .

The way it used to be. Some things we no longer see in airline travel: <http://mentalfloss.com/article/51270/11-things-we-no-longer-see-airplanes> .

The story of Japan's efforts at using submarines as aircraft carriers during World War II: <https://www.damninteresting.com/submersible-aircraft-carriers/> .

Some really nice photos of dirigibles over Manhattan: <http://www.fogonazos.es/2007/08/zeppelins-over-manchattan.html>

One reason, though not the only one, that the allies were able to emerge victorious in the Second World War II was the astounding industrial and manufacturing capacity of the United States and other allied nations. Here's a good article from the Vintage Wings of Canada site on Manufacturing Victory: <http://www.vintagewings.ca/VintageNews/Stories/tabid/116/articleType/ArticleView/articleId/367/Manufactured-Victory.aspx> .

A note from days gone by. In the early days of aviation some experts envisioned airports on the top of buildings in cities: <http://longstreet.typepad.com/thesciencebookstore/2010/08/elevated-rooftop-innecity-circular-airports-1919.html> .

Another note from days gone by. At one time flying boats made sense but as aviation technology advanced they became, well, they became an anachronism, to put it kindly. Still, they were magnificent beasts in their day. Learn more about the Empire flying boats of Shorts: <http://www.tailsthroughtime.com/2016/01/the-short-brothers-empire-flying-boats.html> .

There really has never been another television series quite like MASH which followed the madcap experiences of a medical unit in the less than madcap circumstances of the Korean War. The Korean War will go down in history for a number of reasons including the conflict that first made wide scale use of helicopters for medical evacuation or medi-evac. The intro to MASH featured the [Bell H-13](#). Korea, however was not the first conflict to see whirlybirds used to get the wounded off the battlefield. That would take place in World War II in the C.B.I. or China/Burma/India Theatre. Here's the story: <http://www.cbi-theater.com/hoverfly/hoverfly.html> .

## Good Reads-

A few newsletters ago I mentioned that the noted author and historian David McCullough had come out with a book on Wilber and Orville Wright and that while I had not, at the time, read it, said if it was like any of his other books would be well worth reading and that I planned to do so at the earliest possible time. Well, I got a copy of [The Wright Brothers](#) and it is not just a good read, it's a great read, one of the best things I've read

recently. McCullough shows that Wilbur and Orville were more than just the owners of an Ohio bicycle shop who were skilled tinkerers who somehow came up with the first powered aircraft. The truth is that the Wright brothers were skilled, intelligent scientists who from youth had been enamored of the idea of flight and who would pursue that goal in rigorous and systemic manner that would solve many of the problems of flight and develop methods that still are in evidence today. You also learn that an important figure in the success of the brothers Wright was a Wright sister, Katherine, whose support meant much to their success. Want to get to know the two men who gave us powered flight as fully fleshed out humans and not just the two dimensional stick figures of popular imagination, this is the book to read.

### **Odds and Ends-**

Our trivia question last involved a famous fighter pilot. The individual we were looking for was one of the “few” who in the Battle of Britain and had a reputation for being blunt, some would even say rude at times. He has lost parts of both legs in an airplane accident before World War II, had prosthesis made for both legs and would become one of the most famous pilots of the Second World War. The answer is Sir Douglas Bader. Congratulations go out to John Tokaz and Tim Darrah, who both supplied the correct answer. Also coming up with the right answer were Niall McLaughlin and Fred Knudsen. His biographer Paul Brickhill referred to him as “a somewhat difficult person”. He was also known for his colorful and sometimes profane language. On a trip to Germany after the war at a gathering of former Luftwaffe pilots he was heard to exclaim “My God, I never knew we left so many of you bastards alive.” The word is that the room full of his former adversaries broke in applause in reply. In his later life he was an active campaigner for people with disabilities, especially disabled veterans. A one of a kind person. After he came along they threw away the mold.



*Douglas Bader*

Now here's our trivia question for this month, and again, we're looking for a person. This American fighter pilot was the first person in the European Theatre of Operations to surpass Eddie Rickenbacker's record of 26 kills during World War I when during the Second World War he would notch up 28 victories. He would retire from the USAF Reserve as a Lieutenant Colonel in the mid-sixties. After the war he was chief test pilot for Republic Aviation, which is only fitting since he flew a Republic P-47 Thunderbolt during the war. Now, here's a South Carolina connection, after retiring as an air force officer he moved to Lake Wylie, South Carolina where he became an insurance executive. He is buried at Lake Wylie. Who am I looking for? Answer next month.

Ever wondered what it would be like to be at the controls of an iconic airplane; you know, a Spitfire, a B-29, and a SPAD. Well, take a look and dream of yourself at the controls. Blue skies:

<http://www.businessinsider.com/inside-the-cockpit-of-most-iconic-war-planes-2016-4/#-and-the-bombardier-5> .

And, while we're on the subject of iconic aircraft, here's the story of a 100 year old lady who met her lost love, which just happens to be an iconic aircraft: <https://www.warhistoryonline.com/featured/100yr-old-ww-ii-female-pilot-meets-lost-love.html> .

Big news you may have missed; it was recently announced that Lockheed Martin will be moving production of the F-16 Fighting Falcon from its plant in Fort Worth, Texas to the Lockheed Martin facility in Greenville, South Carolina. A big catch for the Palmetto State. Here's the story:

<http://www.defenseone.com/business/2017/03/lockheed-move-f-16-production-line-south-carolina/136365/> . More on that:

<http://www.greenvilleonline.com/story/money/business/2017/03/22/report-lockheed-moving-f-16-production-greenville/99490046/> .

The world would be a poorer place without man's best friend. A nice article about one person's service as a dog handler for the United States Air Force (that's the aviation connection): <http://illumination.duke-energy.com/articles/saluting-k9-veterans-the-forgotten-heroes> .

Recently the Disney Junior TV channel honored a lady from Sumter who made aviation history a few years back. Read on and find out about Stephanie Grant who captained the first all-black, all-female flight crew in civil aviation: <http://www.thestate.com/news/state/south-carolina/article134066429.html> .

A nice video sent in by SCHAf member Anna Amick. It's the story of "Doc," a B-29 that has returned to the skies: <http://mortefontainevillage.pagesperso-orange.fr/marcbrecy/b29.html> .

File this one under the heading "questions you probably never asked." Why do airliners sometimes have to dump fuel?:

<http://www.telegraph.co.uk/travel/travel-truths/why-and-how-do-planes-dump-fuel/> .

In a recent newsletter I included a link concerning Pan Am or Pan American World Airways, one of the great airlines to have ever taken to the skies and sadly no longer with us. A number of readers commented on how much they enjoyed it. Here's another Pan Am link folks might find interesting: <http://www.panam.org/enter> .

Here's the story of someone who tried to buy a Harrier jump-jet with Pepsi points. What could go wrong: <http://www.avgeekery.com/guy-tries-buy-harrier-jet-pepsi-points-go-wrong/> .

A former member of the legendary Dambusters says he shouldn't be knighted and that the honor should go to the entire squadron: <http://www.telegraph.co.uk/news/2017/01/05/dambusters-johnny-johnson-knighthood-should-squadron-not-just/> .

I didn't know there were people who still engaged in wing walking:

[https://www.buzzfeed.com/suzannecope/up-in-the-air-with-carol-pilon-americas-last-great-wing-walker?utm\\_term=.obj72OeZ1o#.yfekdbQZAz](https://www.buzzfeed.com/suzannecope/up-in-the-air-with-carol-pilon-americas-last-great-wing-walker?utm_term=.obj72OeZ1o#.yfekdbQZAz) .

If you ever make it to Alaska you ought to visit memorial to a formally classified, secret agreement between two countries fighting to defeat the Nazis: <http://www.avgeekery.com/formerly-classified-wwii-agreement-celebrated-fairbanks-memorial/> .

A good article from the Airways Magazine website about Boeing's plant in North Charleston: <https://airwaysmag.com/industry/visit-boeing-south-carolina-787-final-production-line/> .

Again, I return to the subject of careers in aviation and getting more people involved. Here's something from late last year; the FAA is opening up positions for more air traffic controllers:

<https://disciplesofflight.com/faa-jobs-experienced-air-traffic-controllers/> . Speaking of careers in aviation here's something about getting girls interested in aviation:

<http://www.womentechworld.org/bios/aviation/articles/getting2.htm> . We need to get as many young people as we can interested in the aerospace industry. Just saying.

We're all familiar with airport codes. For example Hamilton-Owens Airport is CUB, Columbia Metro is CAE, Greenville-Spartanburg is GSP and of course Kennedy in New York is JFK. Sometimes you might wonder if there is any sort of rhyme or reason behind them. Well, there is a sort of logic. Find out more: <http://abcnews.go.com/Travel/history-airport-codes-logic-letter-codes/story?id=11684406> .

While we're on the subject of airports have you ever wondered what the ten remotest airports in the world are? Sure you have. Well wonder no more: <http://jalopnik.com/the-worlds-ten-most-remote-airports-51119000>

Growing up we were enthralled by TV shows like The Jetsons and [The New Bob Cummings Show](#) and articles in Popular Science that foretold of a future featuring flying cars. In The New Bob Cummings Show Cummings drove (flew) an [Aerocar](#) . Now that we're well into the 21<sup>st</sup> century I have only one question; where's my flying car? <http://www.theverge.com/2016/6/9/11894268/flying-cars-photo-essay-larry-page-google> .

One of the long range goals for the South Carolina Historic Aviation Foundation is the establishment of a museum to display the aviation history of the Palmetto State and introduce future generations to our rich, exciting and varied aviation heritage. Here are a couple of links about aviation museums worth visiting. Maybe they will help generate some ideas and enthusiasm for a SCHAF museum. First link: <http://www.mentalfloss.com/article/75367/12-museums-aviation-enthusiast> . Second link: <http://www.mentalfloss.com/article/76802/10-more-museums-aviation-enthusiast> .

## In Closing-

Well, that wraps up this month's SCHAF newsletter. I've mentioned in previous newsletters that donations and contributions to SCHAF are tax-deductible. SCHAF is a 501(c)3 organization. Thought I'd mention again since this time of the year taxes are on everyone's mind.

Again, I would like to remind everyone that SCHAF's Membership Appreciation Night takes place Friday, April 7<sup>th</sup> at 6pm at Hangar Y-1 at Hamilton-Owens Airport in Columbia. Drop by and enjoy good fellowship, refreshments and find out how you can become part of the many good things that SCHAF is involved with. And, remember Saturday morning, April 8<sup>th</sup> will be our open house for the month of April. Hope to see you at either event or both of them.

Now that we're further into 2017 consider becoming involved with SCHAF or if you already are, becoming more involved. A lot has been accomplished in recent years but plans are in the works for even more. It takes people to make things happen and your help is vital. It's never too late to get involved with preserving South Carolina's aviation heritage and introducing folks to the exciting world of aviation.

If you have something you would like to share something please [e-mail](#) me or any of the board members for inclusion in future newsletters. **Oh, and by the way, if you have not renewed your membership, do so at your earliest convenience.** [Go to the SCHAF membership page on the foundation's website.](#) Your support of SCHAF is greatly appreciated

Dave McIntosh ( [dmcintoshone@att.net](mailto:dmcintoshone@att.net) )

South Carolina Historic Aviation Foundation 803 731 3254

[www.schistoricaviation.org](http://www.schistoricaviation.org)

3100 Devine St, Columbia, SC 29205



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