



Construction of the Vietnam Hangar continues.

# UN-SCRAMBLE

JULY, AUGUST & SEPTEMBER 2010

## HIGHLIGHTS FROM APRIL, MAY & JUNE 2010



Dale Snodgrass makes a pass Memorial Day Weekend.—Photo by Tom Etter



Board of Directors at the AirShow Debrief-Survival Meeting 22 May.



Lloyd presents Bob Boswell with one of five awards presented at the Debrief-Survival Meeting. Awards were presented to Victoria Domagala, Jean Felton & Terry Yon. Joe Cross wasn't present.



Ladies at Lumberton, NC selling Gift Shop items.



Congresswoman Suzanne Kosmas prepares for her flight in the L-39.



Lloyd stands beside the 1941 Dodge Staff Car donated by Robert R. Traister.



Bill Moore from Delaware North Companies prepares for his flight in Mike Dunkel's L-39.



Col. Bill Dillard greets guests at F-105.



Volunteer ladies pause for a photo on Ladies' Day Out on 21 April.



Ken Terry & Dick Russell performed with Retro-Flight.



98.5 The Beach remote radio broadcast for Open House.



Memorial Day Weekend crowd watching

Congresswoman Kosmas in flight.



Greg & Chris Zahornacky provided music for the weekend.



The Hot Dog Cart was very successful Memorial Day Weekend.—Photo by Leo Kordick

**VALIANT AIR COMMAND**  
Dedicated to restoring military aircraft  
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### **STATEMENT of PURPOSE**

The Valiant Air Command was formed to perpetuate the history of aviation, to encourage gathering of men and women in camaraderie, research and warbird restoration, to serve as an educational tool for young and old alike; and, to assure that the memory of those who gave their lives in service to their country shall not perish.

501 (c) (3) Non-Profit Organization Educational Museum  
Recognized by the Internal Revenue Service

### **EXECUTIVE & SUPPORT STAFF**

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You define a good flight by the negatives: you didn't get hijacked, you didn't crash, you didn't throw up, you weren't late, you weren't nauseated by the food. So you're grateful.

### **MUSEUM & GIFT SHOP**

**OPEN 7 DAYS A WEEK 9 AM-6 PM**  
Closed Thanksgiving, Christmas & New Year's Day

### **ADMISSION**

Adults \$18.00 Senior/Military \$15.00  
Children 4-12 Years \$ 5.00  
Special Tour & Family Rates Available

### **FUTURE EVENTS - 2010**

04 July ----Red, White & Boom  
20 July --- Board of Director's Meeting  
24 July ---- 75<sup>th</sup> Anniversary DC3/C47's assemble  
25 July ---- DC3/C47 Media Day – Rock Falls, IL  
26 July ----DC3/C47's arrive at Oshkosh  
17 Aug ---- Board of Director's Meeting  
06 Sep ----Labor Day  
21 Sep ---- Board of Director's Meeting  
13 & 14 Nov ----Veteran's Day Open House

### **COMMANDER**

Greetings to All,

The 2010 Airshow has been over for three months but the Warbird Museum continues to be busy with activity.

A big thank you to Bob Frazier, the moving of the OV-10G and the F/A-18 went as smooth as silk. These planes are a great addition to our Museum.

Terry Yon, thank you for all your help with setting up the advertisement program for the C-47. The phones have been ringing with people interested in the flights and schedules.

Art in the Sand was a huge endeavor and FINALLY over. As always, thank you Ann James, although the Beer tent was not a big success, thank you for being there and coordinating our volunteers.

We are moving forward with the construction of the Vietnam Hangar. Currently they are setting the pad, installing drainage systems and getting inspected before moving on. In no time our building will be in place hopefully. Please don't forget to purchase a brick or plaque for yourself and/or a loved one.



Vietnam Hangar  
underground  
drainage being  
done.

We had our Airshow Debrief-Survival Meeting and I want to thank all of you that were able to attend. Unfortunately we had our meeting late this year and many of our volunteers were unable to attend. I would like all of you to know how much I appreciate your time and efforts. Without you our AirShow would not be as successful as it was.

We will be co-sponsoring the Red, White and Boom this year again. Bob Boswell is in the process of coordinating the Sunday, July 4<sup>th</sup> flybys at the Space Coast Regional Airport. Plan on an enjoyable event. It truly is a time for family and fun.

Lloyd Morris

## **EXECUTIVE OFFICER**

### **ZERO "G" FLIGHT TESTS**

Not too long after I returned to flying status following my cancer operations I was being given every possible opportunity to earn my pay and become fully involved in all of the duties of an Experimental Test Pilot in Fighter Test Operations at Edwards AFB, California. When Capt. "Deke" Slayton was selected to be one of the Mercury Astronauts all of his F-105 test programs were assigned to me. Because of my willingness to accept any and all flights offered me I was sort of a "Let Mikey Try It" pilot. An unusual flight test package arrived in the form of an F-100 equipped with a high tech device for flying accurate "Zero G" profiles. The Aircraft was an F-100C and the true purpose of the test was to fly as perfect a Zero G profile as I could and as many as my fuel would allow me to perform on each flight. After twenty-five hours of flying these profiles the engine was torn down and all elements were inspected for unusual wear. Just about all jet fighters' engine lubricating systems are designed to sustain limited operating periods with zero oil pressure. The profiles however that I was flying placed the aircraft in the condition of going continuously from two "g's" to zero "g's". I had to establish the best speed altitude and vertical pitch angle at which to begin pushing the aircraft over in to the longest possible time at Zero "G".

After several differing approaches I settled on the most efficient profile which gave me more than a full minute during which the needle on the face of the calibrated "G" meter on the instrument panel was held as accurately as possible on the "O". However, this gauge is only accurate in the vertical "G" force and does not record any other possible

motion of the aircraft during that period of time. Along comes the engineering genius! Some deep thought and extensive technological effort went into the design of this sophisticated device. When I saw this instrumentation device given me to make it possible to fly as perfect a Zero "G" profile as possible, I had to smile! I climbed into the cockpit to get my briefing on how to use the new instrument. All I saw was a golf ball hanging by a string from the top of the windscreen frame with a stripe drawn around the middle horizontally and one around the vertical circumference. There were vertical and horizontal lines painted on the windshield and that was all. It was then explained to me that when the aircraft was at Zero "G" the golf ball would float upward so that the horizontal stripe circling its' center would line up with the horizontal stripe on the windscreen. At the same time to ensure a perfect profile the vertical line on the ball had to be aligned with the vertical line on the windscreen. As simple a device as this was it worked perfectly and I flew many, many Zero "G" profiles. There was no doubt that this device challenged my best flying skills. In order for the data to be as close to that desired I was to fly almost all 25 hours on the aircraft performing 35 or more profiles per flight.

At the end of the 25 hours the engine was completely disassembled and all components inspected for any signs of excessive ware. "Deke" Slayton and Gus Grissom who were qualified in the F-100 came to Edwards and each flew a flight to evaluate its potential training system for their upcoming Mercury flights.



Capt. Bud Evans ready for his F-100 Flight

After determining that the J-57 engine was capable of safely operating after many Zero "G" profiles the instrument (device) used for guidance was installed in a two place F-100F and I flew a number of the original seven Mercury Astronauts in it while they, in the rear cockpit, played with some of their Mercury capsule devices they would have to operate in space.

Shortly after, the NASA folks began using the aircraft it was turned over to them to operate and I was no longer involved.



F-100F over Edwards AFB, California used in Zero "G" testing

It was a very interesting project and after I retired from the USAF to become involved with the Manned Orbiting Laboratory Program I flew several times in the C-135 Zero "G" aircraft. The limited time in those profiles compromised the timeline studies, as a lot of time was wasted trying to get usable data. If the Astronaut was working a task which required him to be working horizontally or inverted to the orientation of the aircraft cabin he had to be grabbed by the support crew about 15 seconds before the C-135 began its pull out going from zero to two "G's" in order to get him safely on the floor. When the aircraft returns to the Zero "G" the support crew has to place the Astronaut back into his last position which took more time and therefore the real intent of the Zero "G" aircraft was greatly compromised.

I was in the position of being General Electric's company astronaut and when they designed a neutral buoyancy system under water, I became

the primary subject in establishing and developing the system. We created the equalization of forces underwater by pressurizing our space suit with water thus maintaining equal balance of pressure of 3.75 pounds per square inch of pressure differential between the outside water pressure and that of the pressurized suit. It was a difficult environment for a pilot who spent most his life in the upper atmosphere to adjust to the unfamiliar surroundings of underwater pressures. Dick Scoles who had been G. E.'s Chief Test Pilot had hired me and had assigned me the job of evaluating the system however he also participated actively in testing the system.

Our testing site was in the U.S. Virgin Islands and our mock up of the Manned Orbiting Laboratory's module was under about 50 feet of crystal clear water. We required no artificial weighting to establish realistic Zero "G" environment and we were able to work real timelines working as long five hours at a time. NASA tried our system but the Apollo astronauts didn't like having to have their whole body immersed in water. They still use the underwater method of simulating Zero "G" but pressurize the suit with air and add weights to the legs, arms, and torso for simulating equalized balance which we achieved by using the in-suit water pressure.

N. C. "Bud" Evans ©

### **OPERATIONS DIRECTOR**

Dateline Lumberton, N. C., May 14th, 15th & 16<sup>th</sup> - The Mid-Atlantic Fly-In and Sport Aviation Convention. Our very own C-47 "Tico Belle" was on the advertisements, brochures and on the airfield as a featured attraction for this event. Pilots Bob James and Bob Boswell along with Flight Engineer Jim Owens and Crew Chief Paul Lincoln provided the core crew. Ann James organized the ground support that included Sandy Boswell, Genie Owens, Margaret Towe, Martha Lincoln, and Gun Godbeer for PX sales along with master of tours Jim Towe. Elliot Cross flew with us to the airshow to help fly the B-25 back. We parked beside Tom Reilly and his B-25. We had a good number of visitors/donors going through the C-47, especially on Saturday where there were long lines of folks waiting to get in. Along with the airshow was the Robeson Classic Car Show and on Saturday an Old Fashioned Pig-Picking Party. Dan Gryder in the Herpa DC-3 did an amazing low level routine that ended with his signature "one wheel landing."

There were a good number of aerial demonstrations, both Aerobatic and Warbirds. The RV Aircraft Gaggle was outstanding. Paul Stender & the Indy Boys Racing Jet School bus almost stole the show. It was a good trip, both flying there, returning and at the event. Many thanks to the Lumberton Board of Directors, the Sponsors, Donors and Volunteers for organizing a great event. Hope to be there next year!

The weather was good for the Valiant Air Command Warbird Museum's Memorial Day Weekend Open House. Free admission was provided for all Brevard County Residents and for all Military, active, reserve, guard and retired. This annual event provided the VAC an opportunity to thank the local residents for their community support. Overall attendance for the event was very good; the total number was over 3000. I overheard many comments as to how well the aircraft had been restored and maintained, and what a great facility they were housed in. Many of the visitors were surprised at the variety of aircraft on display and the number of items in the memorabilia room. A big thank you to Ann James and her team of volunteers who manned the Hot Dog and Beverage Stand. They did an outstanding job, selling out every day. Many thanks to Greg and Chris Zahornacky for providing the music throughout the weekend. Jack Dorrell lost his voice after all the tours he gave. Thanks also to Norm Lindsay and team for all the aircraft movements, and to Norm and Roger Desplaines for the set-up and clean-up. Several of the visitors were new residents of Brevard and this was their first opportunity to see the Museum and possibly join the VAC. This was a good recruiting event and special thanks go out to all the volunteers from all areas of the VAC who took time away from their Memorial Day Weekend to help make this event the great success it was. We had a good line-up of fly-bys on all three days. On Saturday Captain Bill Lumley and the crew flew a C-47 revenue flight as well as a couple of Photo Passes for the crowd. Retro Flight with Ken Terry and Dick Russell flew twice and Dale Snodgrass in the F-86 stole the show. Sunday Retro Flight returned and the F-86 flew another tight show. Monday Mike Dunkel in the L-39 flew two VIP flights, Bill Moore from Delaware North Companies and Congresswoman Suzanne Kosmas. Retro Flight as a four ship did their routine that ended-up with a missing-man flight, and the F-86 closed the show. This was the inaugural event for our newly acquired 1941 Dodge Army Staff Car. It was a big hit.

Next revenue flight for the C-47 is scheduled for Saturday, 26 June. Some seats are still available.

Our next major event is the Titusville "Red, White & Boom" here at TIX on the Fourth of July. Gates open at 5:00 pm, the Mayor speaks at 6:00 pm, the Band plays at 8:00 pm and the Fireworks are at 9:00 pm. Plans are to fly the C-47 shortly after the gates open, then it will go to static display for visitors tours, souvenir and ride sales. This will be a revenue/currency/fly-over flight. The OV-1 Mohawk will fly after the Mayor and other VIPs talk, and Retro Flight will do their mini airshow routine just before the band plays.

Looking forward - plans are well underway for the 75<sup>th</sup> Anniversary of the DC-3/C-47 at Oshkosh. We will fly the C-47 to the assembly point, Rock Falls, IL on July 23<sup>rd</sup>. 30 or more aircraft will assemble there for a large media event, and then fly to Oshkosh on Monday the 26<sup>th</sup>. A week of display at Oshkosh will get us back to TIX the 1<sup>st</sup> or 2<sup>nd</sup> of August depending on the Air Venture Schedule and the weather. This will be a pay-as-you go trip, with some offset by sponsorship and donors. See Bob James to sign up for a space.

Don't forget the 30-31<sup>st</sup> October Cocoa Beach AirShow. Current plans are for the VAC to provide support as we did last year.

The final call for engraved pavers for the Vietnam Hangar walkway deadline is 31 July 2010.

### **VIETNAM DISPLAY HANGAR BUILDING FUND**

Thanks to all of the individuals and businesses who have so generously supported our new Vietnam Display Hangar Fund during the past year either through brick purchases, membership levels, or general building fund donations:

Abbott, Millard S. (Mel)  
Allison, William S. (Stu)  
Badger, Lester A.  
Bailey, Donald J. (Beetle)  
Baker, George H. & Virginia (Ginny S.)  
Bayerdorffer, Herm  
National Geographic Society (BBC Film)  
Barendse, Louisa "Weezie"  
Beddingfield, S. T. (Sam)  
Bettencourt, Philip & Marilyn  
Birch, Bill R. (Billy)  
Blau, Paul S.  
Boyken, Jeff  
Brady, James G. & Violet M.  
Brewer, John D.  
Buhlin, Emerson & Natalie  
Carolina Golf Cars, Eisenhauer, Phil (L/F)

Clark , Garrett L.  
 Clarke, Elizabeth F. & Thomas H.  
 Crocker, H.  
 Crocker, J.  
 Cross, Eliot G.  
 Damoff, George  
 Davidson, Kelly C.  
 Dillard, USAF (Ret), Col. William N.  
 Dorrell, Jack & Joan  
 Drake, M.D., Timothy E.  
 Eldredge, Donald F.  
 English, Serge M.  
 Field, Peggy A. & J. A. Michael  
 Fisher, Darrell M. & Dorothy M.  
 Frazier, Robert H. Jr., & Diane P.  
 Frazier, Robert H. Jr. & Diane P.  
 (In Memory of Billy & Ricky)  
 Gage, II, Raymond W. (Ray)  
 Geiler, William  
 Graefe, George A. & Margaret A. (Peggy)  
 Graveline, Robert P.  
 Gruber, Robert B. "Bob" & Karen M. Harrington  
 Haydu, Bernice  
 Hickman, Ray E.  
 Hussey, Donald L. & Carol J.  
 Juhl, Marvin T. & Lorraine M.  
 Liggett III, Roy B. "Traey" & Family  
 Lindsay, Gannell "Gaye" M.  
 Lindsay, Norbert "Norm" A.  
 Mack, James E.  
 Mann, Hiram E. & Kathadaza H.  
 McClure, Jerry D. & Anita M.  
 McNamara, Harry J.  
 Miller (J. M. Miller Inc.), John M.  
 Eastern Mapping Services and Vintage Wings  
 Munsey, Jr., USN (Ret), Capt. Charles R. "Bob"  
 NCCI Holdings, Inc.  
 Neighbours, Terry L.  
 Nichols, Jay K. & Gail A.  
 Nishimura, Robert H.  
 Osbun, Michael R.  
 Ohlrich, Water E.  
 Paika, Jr., Fran  
 Phillips, Richard G.  
 Pietraroia, Anthony B. & Caroline E.  
 Rackl, Joseph M.  
 RAI Corporation, Client Services-Meg Lane  
 Reilly, Tom  
 Rellihan, Michael G. & Paula S.  
 Royce, Ralph & Shumaker, Nancy C.  
 Schmitz, Randy W. & Kimberly A.  
 Shook, Arvid  
 Slawson, Cunningham, Whalen & Gaspari, P.L.  
 (Dick Slawson) & General Operating Acct.  
 Stickley, Howard & Rhea L.  
 Stowers, Jr., Harry W. ("Wes") & Elizabeth S.  
 Strickland, John W.  
 Sutcliffe, David A. & Patricia M.  
 Tannenbaum, Lee M.  
 Tarter, Albert  
 Taurasi, Domenic L.

Vandevoorde, Rene G. & Karen M.  
 Wall, Robert D. & Donna J.  
 Woodard, Paul L.  
 Woods, USAF (RET), Lt. Col. Robert E. & Pat R.  
 Yon, USA (RET), Col. Terry A. & Janet

Bob Boswell

## MAINTENANCE DIRECTOR

**C-47** – The Tico Belle has flown about 80 hours since that first flight last year, 23 June 2009. During that time we have done the 25, 50 and 75 hour checks per our FAA approved continuous maintenance plan. We have had to change out several components and had numerous small oil leaks to contend with, all of which have been taken in stride by our volunteer crew. My thanks to all who have contributed to accomplishing those tasks. The oil analysis reports indicate that both engines are not producing any signs of improper wear and the oil consumption is relatively low for radial engines (about 2 quarts per engine per hour). The right aileron has been removed and a freshly recovered one, painted, installed and balanced one is now in place. Several fuel pumps have been replaced due to leakage.

We still have seats open for the trip to Oshkosh. We will depart 23 July and plan on stopping at Rock Falls, IL to meet up with about 40 other DC3's/C47's prior to heading up to the big show. The shared cost for fuel will run about \$665 dollars for the round trip per person. The return to Titusville will be on Sunday, 01 August, weather permitting. Contact me for information on lodging, camping, etc. (321) 453-6995.

**TBM** – The pace has recently accelerated with the possible sponsorship offered by one of our members. The condition of the engine is the deciding factor. The carburetor, ignition harness, magnetos and the prop governor have been removed and are going to be overhauled. Once they are installed and the engine run sufficiently to determine it is in airworthy condition or can be made so without a major overhaul, the sponsor will cover the remaining cost to bring the TBM up to overall flight readiness in exchange for rights to fly the airplane. The terms of the agreement past the running of the engine are to be determined. The cylinders have been borescoped and they appear to be in good condition (some carbon was observed but that is normal for a four hundred plus hour engine).

Robert E. James

## **PERSONNEL OFFICER**

### **ELECTIONS 2010**

The following is a List of Officers and Terms of Service that will be up for election this year. If interested, you must comply with VAC procedures. To qualify as a candidate for office you must be a member in good standing of the VAC. A qualified member that is interested in running for a Board of Director's position or an incumbent seeking re-election to the same or another Board position must file a Letter of Intent with the Board of Directors. The letter must contain the following: (a) The position for which the member is intending to fill; (b) The signature of the member who is seeking the position; (c) The signatures of two (2) members in good standing of the VAC who endorse the placement of the candidate's name on the ballot. In addition, a biographical history must be submitted at the same time as the Letter of Intent. Brief autobiographical histories, less than 250 words, are suggested.

Please contact the administrative office for a copy of the duties of a Board of Director's position that interests you and the form you need to complete for the application. The Valiant Air Command Board of Director's is considered a "Working Board" position.

### **OFFICES AVAILABLE FOR 2010**

#### **FULL THREE (3) YEAR TERMS 2010-2013**

Executive Director	(Incumbent)	Bud Evans
Operations Director	(Incumbent)	Bob Boswell
Facilities Director	(Incumbent)	Norm Lindsay

Autobiographical histories, together with your original Letter of Intent and required endorsements, must be received at the VAC Headquarters by 5:00 P.M., August 15<sup>th</sup>. The candidates and the position they are running for, as well as their autobiographical histories, will be published in the October issue of the Un-Scramble.

### **NEW & RENEWALS - 18 MAY - 15 JUNE 2010**

#### **NEW MEMBERS**

Bell, Jr., John N. (C-47 Comp.)  
Halper, Steven (C-47 Comp.)  
Kunde, Dorothy W. (C-47 Comp.)  
Lumley, John W. (C-47 Comp.)  
Ostrander, Mary B. (C-47 Comp.)  
Parker, Jr., Charles W. (C-47 Comp.)  
Phillips, David M. / Phillips, Terron T.  
Pileggi, Robert F. / Pileggi, Lynda D. (C-47 Comp.)

Pollock, Jeff  
Snorf, John D. / Snorf, Patricia A.  
Ziegert, Frank J. (C-47 Comp.)

#### **RENEWALS**

Badger, Lester A.  
Cooper, Robert S.  
Douthit, Jesse F. / Douthit, Carol K.  
Foley, Robert M.  
Herb, Dorothy A. "Bomber"  
Kaisler, Kenneth L.  
Kuttesch, Shirley J.  
Liggett, III, Roy B. "Traey" / Liggett, Tam J.  
McLeod, Thomas F. / McLeod, Catherine F.  
Mosley, Robert L.  
Stanger, James R. / Shaw, Nancy C.  
Talbot, Franklin F. / Talbot, Ruth Ann  
  
J. Ron Davis

## **FACILITIES OFFICER**

The lazy days of summer does not apply the VAC, lots going on this year. First the new hangar project is moving forward, not at a fast pace but none the less still making progress. Once the fill dirt is all in place the pace should pick-up. Look for completion around October.

The museum acquired two new aircraft in May. A flyable OV-10G and an F-18 which will be used for static display. Hangar space is now at a premium, looks like the new hangar will be full the day it's completed.

Open house was held over the Memorial Day weekend with over 3000 people visiting the museum which offered free admission to Brevard county residents, active and retired military. Great way to give a little back to our supporters.

The main display hangar fire sprinkler heads have been failing, one at a time for the past two years. Makes a real mess when all that water floods the place. On the plus side we get a few aircraft washed with no effort. We now have a plan in place to replace all the sprinkler heads in the next two weeks.



Inspecting one of the sprinkler system heads for leaks.

Last but certainly not least the museum was the beneficiary of MINIMAG floor scrubber, complete with all attachments. This is a self propelled walk behind unit that does a terrific cleaning job on the museums floors. One of our volunteer tour guides, Mr. Tom Creecy was generous enough to donate this unit free of charge. Mr. Creecy is the chairman of R.P.S. Corporation 1711 South Street Racine WI 53404. Any member business owner out there looking for commercial cleaning equipment I would urge you to call Tom's company @ 800-634-4060. A big thank you to Tom and his Regional Manager Darin Park who not only delivered the MINIMAG but also took the time to train us on it.



Roger and Darin Park pause in front of the Tomcat with the Tomcat MINIMAG.

P.S. The shipping and training were free also.

Norm Lindsay

## PROCUREMENT DIRECTOR

The recent weeks have been very rewarding to me and the Museum in that we have now acquired an OV-10G Bronco and F/A-18A Hornet aircraft. These warbirds enhance our Museum's coverage of the Vietnam and Mid-East war eras.

**OV-10G** – Obtaining the aircraft was a saga that started in 08 January 2009 (when Flea Meyer heard that the U.S. Dept. of State (DOS) was going to dispose its OV-10 aircraft). It ended on 11 May 2010 when one OV-10G was towed to the VAC hangar. The first 10 months were a period of contacts and planning to allow the VAC to request one of the aircraft. With release of the aircraft to the U.S. General Service Administration (GSA) and in turn the Florida Bureau of Federal Property we negotiated a Letter of Intent (proposal) requesting one of the aircraft. Follow-up conversations and negotiations resulted in the Museum being awarded an aircraft on 27 November 2009.

The next 6 months were required to move the aircraft from Patrick AFB to the VAC without being able to fly it. The decision not to disassemble and tow (33 miles) the airplane to Titusville required negotiating with DOS clearance permits from the Florida Dept. of Transportation. Skip Tillett of Tillett Heavy Hauling was able to resolve a workable route and provide the towing. So on 11 May with other traffic problems and with the help of the Sheriff's Dept., Dyncorp Inc. and the VAC members we arrived at the hangar. The local press and TV stations recorded the 5 ¼ hour saga.



Norm Lindsay, Bob James, Bob Frazier, Skip Tillett (Tillett Heavy Haul) & Terry Yon stand proudly in front of the OV-10G.



OV-10G Bronco in front of the hangar after its journey from Patrick Air Force Base. Both photographs taken by Bill Scheuerman.

**F/A-18A** – Obtaining the Hornet was very much less an effort than the OV-10G. After requests and discussions with the National Museum of Naval Aviation (NMNA) we were advised that 5 recently retired "Navy Blue Angels": F/A-18A planes were available. The VAC Museum's formal request for one was approved by the NMNA Director. Following arrangements for disassembly and shipping at Pensacola the aircraft arrived at the Museum on 20 May. Our members and the "Grumman Gremlins" have since reassembled the airplane.

We have now also negotiated and signed the NMNA's Official Loan Agreement including providing I.D. photographs for the aircraft.



F/A-18A arrives from Pensacola.



F/A-18A completely assembled on the side of the Restoration Hangar.

**F8U CRUSADER** – We have reviewed and signed a new Annual Loan Agreement with the National Museum of the Marine Corps. There were no significant changes. A set of required I.D. inventory photographs were provided.

**F-101/F8U** – We have updated and signed a new Loan Utilization Form with the Florida Bureau of Federal Property.

**L-13A** -Restoration of the donated L-13A continues slowly as time and money permit. Restoration of the left wing has been completed. Restoration of the right wing has just started. Portions of the real fuselage were completed some time ago.

### **IDENTIFICATION AND HISTORIC SIGN BOARDS**

A program to update and repair sign boards for display of the Museum aircraft and engines has started.

Bob Frazier

## **PUBLIC RELATIONS**

### **ART OF SAND FESTIVAL**

During the entire month of April the VAC supported the Brevard Cultural Alliance (BCA), by working with them to help make the first annual "Art of Sand" a success. It was a terrific exhibition of what can be done with sand as sculptures from around the world wowed visitors with their creations. Lora McCabe performed a truly Herculean effort with arranging for the ticket takers, doing all scheduling and paperwork, the ticket collection, money reconciliation, and overall management of the finances -- she was often one of the first to arrive and definitely one of the last to leave at night. In addition, the BOD manned a table for the entire time and spent countless hours handing out information and talking about the VAC. Also Bob and Ann James ran the beer tent at the festival during one of the weekends. All in all it was a long, long, long 30 days and while the VAC did get some funds for our efforts it paled in comparison to the effort and amount of hours expended. This is yet another example of how the VAC is reaching out and supporting our community. Thanks again to everyone from the VAC that were involved.

Well, like several others I would really like to thank everyone who worked so hard to make our Memorial Day Weekend Open House a success. From a Public Relations point of view, it really set the standard with a record breaking number of visitors. Thanks again.

For some, the summertime at the VAC might be "slack time," but for the intrepid staff at the Public Relations Office - it's business as usual. We've got outreach programs to do, tour guide recruitment and training, tour group coordination, assisting in special event planning, Red, White and Boom 4th

of July celebration coming up, the C-47 Ride Program advertising campaign, the beginning of the Grant season, which always means a lot of work, the normal challenges of continuing to try and keep the Valiant Air Command name out there AND working periodically on next year's airshow planning. So, there's lots happening -- even in the "slow" summer months at the VAC.

In this regard, I might mention Jim Arruda. He is a new member and volunteer with lots of expertise and tremendous energy and interest. In addition to being a tour guide and working with the TBM guys, he's volunteered to assist me in the Public Relations business. He is very a personable, knowledgeable and capable guy who will be a great asset for the VAC and for what all that I am trying to do to implement the Commander's vision. Say hello to Jim the next time you see him.

### **98.5 "THE BEACH" COMES TO VAC MEMORIAL DAY OPEN HOUSE**

The radio station 98.5 "The Beach" was a big hit at our Open House this year. Not only did they run commercials for a week leading up to the big day, but they broadcast live from our hangar on Saturday and spun their gift wheel several times giving away various gifts that we donated, to include the grand prize of a ride on the "Tico Belle." It was a terrific promotion for us and well worth our advertising dollars.

Terry Yon

### **BAKERS FOR JULY, AUGUST & SEPTEMBER**

I want to thank all the ladies who have worked so hard this year with the Gryphon Group and with our "very successful" Open House on Memorial Day Weekend. You all worked so hard and sold a record breaking number of hot dogs. Your efforts are really appreciated! Thanks also to our ladies who have gone "north" for the summer. We will miss you and look forward to your return.

Again, if you have a schedule problem, please call Jean or Ann. We will be glad to fill in!

Also a note - We will NOT be selling hotdogs at the 4<sup>th</sup> of July event at the hangar this year. However, the Museum will be open to members and guests and you may bring your own chairs & snacks to enjoy while watching the fireworks!

Thank you all!

Ann

## JULY

06 – Gryphon Vacation  
13 – Gaye, Joann, Joan B.  
20 - Joan D., Lorraine, Martha  
27 - Margaret, Ann, Barbara

## AUGUST

03 - Jean, Karen, Gun  
10 - Gaye, Joann, Joan B.  
17 - Joan D., Lorraine, Martha  
24 - Margaret, Joan B., Barbara  
31 – Ann, Ailene, Joann

## SEPTEMBER

07 - Jean, Karen, Gun  
14 - Gaye, Joann, Joan B.  
21 - Joan D., Lorraine, Martha  
28 - Margaret, Barbara, Genie

### GET WELL WISHES

Get well wishes go out to Lora McCabe, Janet Yon and Betty Desplaines.

Never run out of altitude, air speed  
and ideas at the same time.

### ARMED FORCES DAY 15 MAY 2010

Armed Forces Day was a special day for the Wounded Warriors. While the VAC didn't participate directly in the Wounded Warrior Project, Dale Snodgrass and Larry Kelley, two pilots that fly in our AirShows and many other events here at the VAC did. Six aircraft flew six wounded veterans on a flight that they will never forget. The pilots were honored to fly with them and share their stories.



### FROM the FRONT COUNTER

Hello to all from the newly re-designed Gift Shop which is a must see!!! As is our great specials, ½ price bargains and new displays with new merchandise arriving all the time. I would like to thank all who helped. Phil for the electrical, Roger for the patient support, Lorraine for all the new signs, Don for the Franklin Mint displays, Steve for

muscle and suggestions and mainly Vicki – my partner in design (get it design crime)!!! But most of all our Commander, Lloyd for the “Full reign” and confidence in our ideas – all of them.

And last but not least, thanks to all who came and participated in the Memorial Day Weekend Open House – WOW what a turnout – record breaking!!!

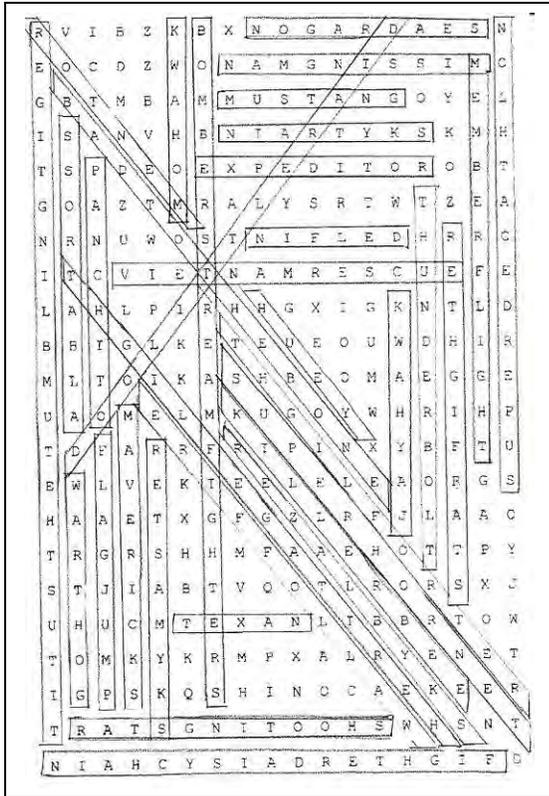
Again, thanks to Sandy, Vicki, and Diane for making Jennifer and my first event such a great experience we won't forget – can't wait for the next one. “Ya'll come on down!!!” Come see Sandy and Pam, we'll help you find just what you're looking for.

Pam and Sandy



There are Rules and there are Laws. The rules are made by men who think that they know better how to fly your airplane than you. Laws (Physics) were made by the Great One. You can, and sometimes should, suspend the Rules but you can never suspend the Laws.

**2010 TICO Warbird Airshow  
Performers/Participants  
Solution**



Bob Boswell accepts 1941 Dodge Staff Car from Robert R. Traister.

**SPECIAL MEMBER'S ACTIVITY**

On the July 4<sup>th</sup> members, volunteers, tour guides and their families are invited to come to the VAC Sunday afternoon to enjoy a "dress rehearsal" of the Space Coast Pops Orchestra in our main hangar at 6:30 PM. Following this rehearsal the orchestra will relocate to the other side of the airport to provide evening entertainment for the general public prior to the fireworks. The VAC will be providing flybys for the Red, White and Boom Event from 5PM to 8PM. Bring lawn chairs, coolers and snacks to enjoy the orchestra, flybys and the fireworks display from the West side of the VAC Display Hangar. Park in the main lot, and have your membership card available as you enter through the North maintenance gate.

Bob Boswell  
Operations Officer

**FROM A MEMBER'S KITCHEN**

Mark's Favorite Chicken

Brown 2-3 chicken breasts or any other parts except for feets and beaks in a small amount of oil, pour in a can of Ro\*tel chiles, turn down the fire and cook 25-30 minutes until cooked thoroughly.

In a separate cooking pot pour in a can of black beans (16 oz.) Lawry's garlic salt to taste if desired, heat.

Cook 1 cup rice.

Make a bed of rice on your plate; add beans, then chicken on top. Garnish with the rest of the Ro\*tel chiles. Enjoy!!!

Feeds two HUNGRY people!!!

Submitted by Pam Watson in Gift Shop

**FOURTH OF JULY**

G P O E D H D R M M S N G A R Q M  
A A S C E L N N Y S T O I M E J I  
L T R N C I A O C B A I M E V L W  
F R E A L B L G O E R T A R E T N  
N I D I A Z R R U O S U I I R C C  
A O W G R D U Y N C P L Y C O E P  
C T H E A J O S T U A O O A F U H  
I I I L T W Y R R Y N V U T S L Z  
R C T L I N S E Y C G E R H E B G  
E G E A O A I H T Q L R E E P D O  
M F A F N T D T I V E N A B I N D  
A N N O O I N A S I D A G E R A B  
Y K D E F O A F O Q B C R A T E L  
T I B G I N L G F D A I A U S T E  
R B O D N A S N T J N R N T D I S  
E L O E D L I I H N N E D I N H S  
B A M L E H H D E I E M O F A W A  
I D U P P O T N E I R A L U S D M  
L F I B E L G U M O N T D L R E E  
Q M A X N I M O D E E R F S A R R  
Y S Q H D D K F H P N H L Z T P I  
Q C H R E A N H Q F N Q A K S O C  
V Y F L N Y P Q K I T A G W D V A  
P B E C C F I R E W O R K S O C Q  
M I N D E P E N D E N C E D A Y Z

American Flag  
American Revolution  
America the Beautiful  
Declaration of Independence  
Fireworks  
Founding Fathers  
Freedom  
God Bless America  
Independence Day  
Liberty

My Country tis of Thee  
National Holiday  
Patriotic  
Pledge of Allegiance  
Red, White and Boom  
Red, White and Blue  
Star Spangled Banner  
Stars and Stripes Forever  
This Land is Your Land  
You're a Grand Old Flag

# Experimental Aircraft Association (EAA)

In flight photo session of the Tico Belle for the October 2010 issue of EAA Warbirds Magazine.



Pilots Bob James and Bob Boswell and Flight Engineer Bob Bixby crew the Tico Belle for the EAA photo shoot.



EAA photo aircraft works the Tico Belle crew hard for that perfect photo.

## OPEN TO THE PUBLIC

This event takes place on the southwest side of Space Coast Regional Airport. Public entry is from Perimeter Road through Challenger Avenue only. Free Parking. No coolers and no pets.

# RED, WHITE and BOOM

FREE Admission!

- Flyovers
- Aircraft on Display
- Food Vendors
- Children's Activities
- Featuring a live performance by the Space Coast Pops

and finally....  
a **FABULOUS FIREWORKS SHOW** starting at 9:00 p.m.

**SUNDAY, JULY 4th**  
5:00 to 9:30 pm

Space Coast Regional Airport

Sponsors & Vendors still needed!  
Call 267-3036 for information

Space Coast Pops Orchestra



**VIETNAM DISPLAY HANGAR FUND  
DONOR LEVELS**

**COMMEMORATIVE BRICK CAMPAIGN**

Paver bricks will be used for the walkway connecting the current museum to the new Vietnam Warbird Display Center. A \$100.00 donation entitles you to a personalized inscribed brick. Here is an opportunity to provide a permanent public display of your support.

One to Three Lines of Custom Engraving

Up to 9 characters/spaces per line in *Upper Case*

Up to 14 characters/spaces per line in *Lower Case*

**PRINT CLEARLY, CHECK SPELLING AND PUNCTUATION INCLUDING SPACES**


**DEADLINE FOR ORDERING BRICKS IS JULY 31, 2010**

**FOUNDERS FLIGHT**

Charter Member.....\$5000

Sponsor Member.....\$3000

**COMMANDERS CLUB**

Gold Leader.....\$2000

Silver Leader.....\$1000

Bronze Leader.....\$500

**CONTRIBUTOR**

Donation Only.....YES! I want to support the new Warbird Display Center with a donation of:

\$\_\_\_\_\_ (Gift Amount)

**Method of Payment;**

\_\_\_\_ Check (payable to Valiant Air Command) \_\_\_\_ Cash \_\_\_\_ Visa \_\_\_\_ MasterCard \_\_\_\_ Discover

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Expiration Date:\_\_\_\_\_ Security code:\_\_\_\_\_ (3 digits on back of card)

Name as appears on card:\_\_\_\_\_

Address:\_\_\_\_\_

City/State/Zip Code:\_\_\_\_\_

Home Phone:\_\_\_\_\_ Cell Phone:\_\_\_\_\_ Work Phone:\_\_\_\_\_

Signature:\_\_\_\_\_

**UN-SCRAMBLE  
VALIANT AIR COMMAND  
6600 TICO ROAD  
TITUSVILLE, FL 32780-8009**

**NON-PROFIT ORG.  
U.S. POSTAGE  
PAID  
COCOA, FL 32926  
PERMIT NO. PI 96129**

**RETURN SERVICE REQUESTED**

**Current members spread the word to your friends to get a ride  
in an historic warbird and membership at a great price!!!**

Experience what it must have been like on June 6<sup>th</sup>, 1944. A day when the freedom of the world hung in the balance as this C-47 Skytrain made her way in the pre-dawn darkness towards the beaches of Normandy; part of the largest aerial invasion armada the world has ever seen.

“Tico Belle” is available for rides. Rides are \$175 per person. For more information, go to our website at [www.vacwarbirds.org](http://www.vacwarbirds.org) or call us at 321-268-1941. Seating is limited; call to reserve your seat.

