



UN-SCRAMBLE



**Official Bulletin of the Valiant Air Command
June/July 2007**

VALIANT AIR COMMAND
Dedicated to restoring military aircraft
A 501 c (3) Non-Profit organization

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Titusville, FL 32780-8009
Phone: 321-268-1941
FAX: 321-268-5969
Website: www.vacwarbirds.org
Email: vacwarbirds@bellsouth.net



The Valiant Air Command's latest arrival! The Grumman Gremlin's take on the restoration of the F11 F-1 Tiger!





Memorial Day at The VAC was a huge success – approx. 3000 visited the Museum over the weekend!



VAC Tour Guides Ron Madonia and John Kirk



EXECUTIVE and SUPPORT STAFF

COMMANDER	Lloyd Morris 386-427-1296
EXECUTIVE OFFICER	Bud Evans 321-984-3343
OPERATIONS OFFICER kenterry@cfl.rr.com	Ken Terry 386-322-5378
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PROCUREMENT OFFICER aircraftrhf@aol.com	Bob Frazier 561-848-4549
PUBLIC RELATIONS OFFICER	Frank Pound 321-636-4992
EVENTS COORDINATOR stinsonj@brevard.net	Ann James 321-453-6995

MUSEUM & GIFT SHOP

Open 7 days a week 9AM-5PM
Except Thanksgiving, Christmas and
New Year's Day

ADMISSION

\$12.00 Seniors/Military \$ 10.00
Children 5-12 Years \$ 5.00
Special Tour & Family Rates Available

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.

ADDRESS CHANGES

Please remember to notify the office when you are going to be temporarily away, or if you move. Thank you!

501 © 3 Non-Profit Organization
Educational Museum recognized
by the Internal Revenue Service.

COMMANDER
LLOYD MORRIS

Hello,

Summer is here and as usual visitors to the VAC pick-up. Space Shuttle Atlantis Launch Day was a great success. We stayed open a little late to see how it would work and it worked very well.

On another note, the insurance for the VAC this year increased from \$7,000.00 to between \$30-35,000.00 for wind and fire coverage. However, with the help of County Commissioners, the Airport Authority and a lot of phone calls, we got it down to \$10,000.00 a year. Still high, but better than \$30-35 K. I guess this is the cost of doing business in Florida.

The donations for the 2008 Airshow have slowed down. I'm still in high hopes of reaching our final goals. If you can help, please do. Many thanks to the fine people who have donated already. I hope the list will get 2-3 pages long. If you have any questions, please call me.

We extend our heartfelt thanks and appreciation to the following who have donated funds for the 2008 Tico Warbird Airshow:

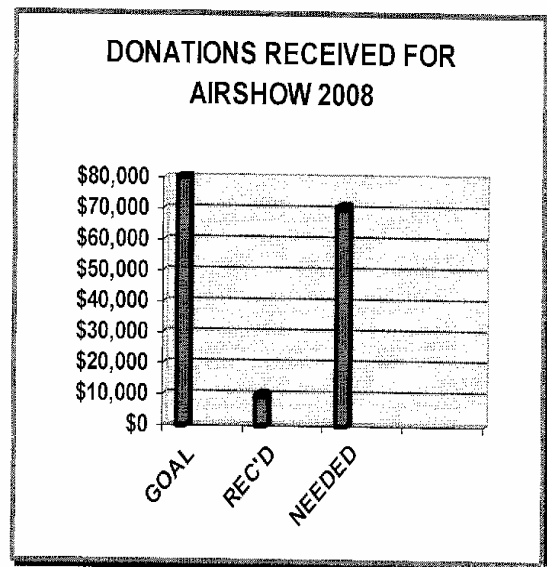
- Mr. and Mrs. Gary V. Baciуска
- Mr. Lester Badger
- Mr. and Mrs. Donald Bailey
- Mr. and Mrs. Bob Boswell
- Mr. and Mrs. Frank Bottoms, Sr.
- Mr. and Mrs. Thomas Cain, III
- Mr. Dennis H. Callahan
- Mr. Thomas Camman
- Mr. George T. Damoff
- Dixie Crossroads
- Mr. and Mrs. John W. Duffy
- Mr. and Mrs. Thomas R. Etter
- Mr. Morris Felt
- Ms. Jean Felton
- Mr. and Mrs. Michael Field
- Mr. Francis C. Fleck
- Mr. Mitchel C. Floyd
- Mr. Richard P. Frazier
- Mr. Robert P. Gaarder
- Mr. and Mrs. E. Giannone
- Mr. Ivan G. Gomez
- Mr. David Greist
- Mr. and Mrs. Robert W. Hamilton
- Mr. Richard Hart
- Mrs. Bernice Haydu
- Mr. Felix Hernandez
- Mr. Jack Hofbauer
- Mr. Barry Holm
- Mr. and Mrs. Robert James
- Mr. Luc Joly
- Mr. and Mrs. Barry Keyes
- Mr. Donald A. Leathers

- Mr. Danny R. Linkous
- Mr. R. W. Littell
- Mr. and Mrs. Robert McCullough
- Mr. and Mrs. Michael McDonough
- Mr. Albert Martent
- Mr. and Mrs. Joe Morales
- Mr. Eugene P. Moriarty
- Mr. Bob Munsey
- Mr. and Mrs. Benjamin Narvaez
- Mr. and Mrs. Christopher Olsen
- Mr. Francis Paika
- Mr. Stanton V. Parsons
- Mr. Howard L. Peckham
- Mr. and Mrs. Tom Reilly
- Mr. Michael Rellihan
- Mr. Robert P. Reynolds
- Mr. and Mrs. Thomas A. Scamfer
- Mr. Claude Seward
- Mr. Dennis Sherman
- Mr. Larry Sietsma
- Mr. Kevin Simmons
- Mr. David L. Simpson
- Mr. Ted Trousdale
- Mr. John Toohey
- Mr. and Mrs. David Wall

We appreciate your "stepping up" and contributing to the cause. We can't thank you enough.

Is ***YOUR*** name on the list? *If not, we desperately need all the support that we can get.* If you wish to donate by check, please make your check payable to Valiant Air Command, and write "Airshow 2008" in the memo portion so that we can credit it to the proper account. If you wish to pay by credit card, please contact Jo Lynne, Ginger or Crystal, and we can take the information over the telephone.

The following chart shows our goal and the donations received to date. As you can see, we are making headway, but we are still in need of support for this worthwhile cause. Please help us keep the dream alive!!!!



Lloyd Morris
Commander

EXECUTIVE OFFICER
BUD EVANS
AVIATING WITH EVANS
JUNE/JULY 2007

There are a few events that keep returning to my memory every time I look at some of the aircraft we have in our museum here in Titusville, Florida. Having had considerable Air Force and civilian flight test experience with all models of the Republic F-105's, there are several exciting incidents I have experienced. One which I am going to relate in this article happened while I was stationed at Edwards AFB in California and was flying the aircraft out of the Republic Flight Test facility at Eglin AFB, Florida. Republic Aircraft Company had moved their flight test facilities from Farmingdale, New York and Edwards AFB, CA for economic reasons. As the chief Air Force F-105 Test Pilot for the Flight Test Center at Edwards AFB, CA, I had to travel to Eglin to fly the modifications that were made on the F-105D. For this particular evaluation of the modification on the aircraft, I had to accelerate out to twice the speed of sound (Mach-2) at 35,000 feet and perform a "Wind-up turn" to the maximum F-105 design "g"s.

Eglin's Fighter Test Operations provided chase for my mission and the pilot, Capt. Bill Schlier, was a friend of mine who had graduated from the USAF Test Pilot School. He was flying an F-104, and he was to provide observation of any anomalies that might occur to my F-105 and keep me headed into the proper restricted area 10 miles south of Eglin out over the Gulf of Mexico where I was to perform the critical test data point.

After take-off, we climbed north to Montgomery, AL, where I reached 35,000 feet altitude and turned south back toward Eglin test range. The "Thud", as the F-105's were later affectionately called by her pilots, had a large roomy cockpit that was comfortable for a pilot as tall as I am. Being a test aircraft, most of the tactical systems were removed and replaced by flight test instrumentation. Before the aircraft had been moved from Republic's Edwards test facility to Eglin, I had insisted on having a special panel installed above the glare shield. It contained the instruments I felt were necessary to allow me to fly the aircraft more precisely and accurately hit my test points. That panel reduced the forward visibility somewhat, but made it easier to fly the aircraft to precisely hit the required data points. These instruments were: Rate of climb, airspeed/mach indicator, altimeter and remote compass.

When I turned on a heading towards Eglin and strolled the burner, my total concentration was on those instruments while relying on my chase pilot to keep me pointed towards Eglin and clear of any other traffic. My task was to hold the aircraft as close to the 35,000 foot mark during the acceleration from .80 mach through "trans-sonic" region during acceleration, the altimeter indicates a rapid change. As soon as the shock wave passes the static port, the mach indicator shows passage to supersonic speed and the altimeter returns to the proper indication... It requires that the pilot use visual and intuitive feel getting through this critical area of the acceleration to hold as precise a constant altitude as possible. Once past this region of 0.99 to 1.02 mach the indications on the altimeter are accurate and pilot skill continues to be a challenge.



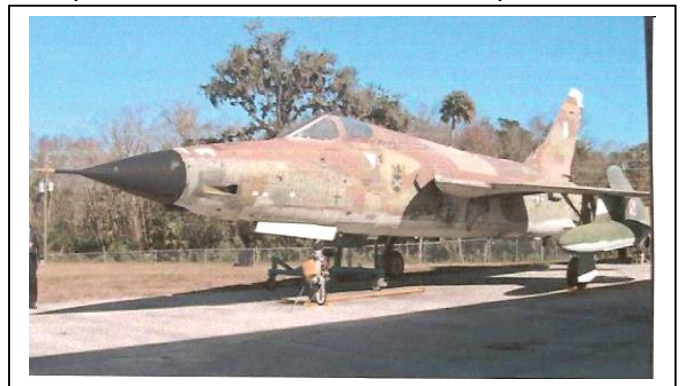
The F-105 takes a fair amount of time and lots of fuel to reach twice the speed of sound. My concentration was totally locked on to my instruments with an occasional glance at other engine and system gauges. I had a TACAN navigation system that was tuned into Eglin's station. My regular scan of the panel confirmed that I was on course. It was late afternoon on a typical fall afternoon in Northern Florida with a haze that made the ground below me appear only as outlines with dark silhouettes of major landmarks such as rivers and large bodies of water.

Suddenly, everything that had been going smoothly began to fall completely apart! First thing that happened was Bill calling to inform me he was low on fuel and had to leave me. I looked ahead at the same time he also informed me that we were off course. I had flown in Eglin airspace often enough to immediately recognize the outline of the coastline of the Gulf, and it was off to the right of my nose at 15 degrees. At the same moment, the fuselage fuel tank low level light came on. I was still in full afterburner and knew that I had selected all tanks, and they should have been feeding all the

fuel into the main tank. My airspeed was 1.87 mach and sucking up fuel at a horrendous rate. There was little choice but to come out of afterburner to reduce engine fuel consumption immediately! Doing so produced the expected compressor stalls followed by the complete flame out of the P&W J-75-19W engine. This created complete electrical failure leaving me with no radio communication. Next thing that happened was that the canopy began to frost over as my pressurization system began to fail. My "Ram Air Turbine" could not be extended at super-sonic speeds. This left me waiting for the aircraft to slow to sub-sonic speed before extending the RAT in order to obtain auxiliary electrical and hydraulic power. I didn't know how far off course I was or where Eglin Main Base was. My only visibility was through the front windshield. I could only make out obscure outlines of the coastline of the Gulf and long body of water that I assumed to be the Bay east of Eglin. I had made a climbing right turn to help slow to sub-sonic speed from which to start my glide. It also expedited slowing to sub-sonic speed so I could extend "RAT" and get electrical power back, which would allow me to talk to someone. There is no lonelier feeling than to be in a situation where you feel helpless to do anything but wait and make a mental list of what your options are. There had never been any flame-out landing pattern data published, and I had no data on best flame-out glide speed or how many feet I would lose per mile of glide. I was sitting in a 50,000 pound "Lead sled" that was not designed to operate without that powerful Pratt-Whitney engine which I no longer had. My fuel state showed 300 pounds remaining (about 40 gallons), so I was not going to try to air-start the engine once I had electrical power.

As soon as I was sub-sonic, I pulled the "RAT" handle. Immediately all the lights on the panel came on indicating that there was no engine power. It also brought on the radio line, and the Republic flight test radio was frantically calling. I gave them my status and my limited visibility situation and explained that I was still unsure of my position. The aircraft was under control but slowing very rapidly. At first I set up a glide speed of 300 knots. The canopy was still frosted over, and I was straining out the windscreen to find some landmark I could positively identify. All of these plans kept running through my mind, but my last priority was ejecting. The "Thud" was living up to its name, and I was losing altitude at a tremendous rate. The good news was that the canopy began to clear, and I was low enough to recognize some landmarks. I couldn't get any landing pattern suggestions from

Republic, so I decided that I would use a 10,000 foot high key directly over my planned touchdown point and use a pattern speed of 250 knots. The other decision, once I found the airfield, was when I would attempt an "air start". With only 40 gallons of fuel I would fly the pattern as though I was not going to get an "air start". Much to my partial relief, I spotted the Main Base runway; and then my total concentration was on getting this heavy hunk of iron on the ground by using every bit of knowledge from all of the aircraft I had flown, to fashion a "dead stick pattern and landing" in an aircraft that had no data to refer to. It was times such as this that I knew and appreciated why the Air Force, NACA and most aircraft manufacturers used Edwards with its great visibility and large lakebed area to perform critical flight tests. I lined up with the main runway about 5 miles out and 17,000 feet altitude, knowing full well that the runway offered no room for any miscalculations on my part. There was 10,000 feet of asphalt with very little room to be short or long on my landing attempt. I was planning on being sure to land about one third the way down the runway. The only certainty in my mind was that, once I decided to make the attempt to land, I was committed. There would be no thought of ejecting if I miscalculated my guess at speeds and altitudes, as I would have to stay with the aircraft to be certain not to hit any populated area on the ground. As I reached the overhead position my altitude was 8,500 feet requiring me to mentally modify my plan. For some reason I looked down at my main fuel tank indicator, and it had climbed to 900 lbs. (140 gallons). I hit the "air start" button, placed the throttle in idle and the most pleasing sound and feel of that powerful engine coming to life. The rest of the pattern, landing and taxi in were a piece of cake and another interesting data point reached in the life of a test pilot.



Come see our F-105D at the VAC Museum

Two days later, I re-flew the flight successfully without a "Chase" but with a new TACAN system and rework on the fuel transfer system. You can

bet I monitored the fuel gauge every time my eyes swept the instrument panel!

N. C. Bud Evans ©
Bud Evans
Executive Officer

OPERATIONS OFFICER
KEN TERRY

The "FAST" patches have arrived. Please contact Ken Terry for them. Cost is \$12.00 each including postage.

If you need to save the postage and envelope cost, \$2.00 bucks, I try to have a few at each event. HOWEVER, make out the check to the: Valiant Air Command and PLEASE put a note in memo portion of your check: FAST Patch Donation. Mail to my attention: Valiant Air Command, 6600 Tico Road, Titusville, FL 32780.

We will try at least one more Formation Clinic before Oshkosh, date, time and location to be determined by the requested location. Looks like maybe Sebring at this point. Sometime the first part of July.

We had a really good Memorial Day Weekend at the Museum. Lots of good flying and fellowship. Too bad you weren't here!

Blue Side Up!

Ken Terry
Operations Officer

MAINTENANCE OFFICER
BOB JAMES

C47 – We now have both wings on and torqued. On top of that both wing tips are also on (137 screws each) with the navigation lights and the wing landing lights tested and operational. Many thanks to all the C47 volunteers that made this happen. It has been a very busy month.

The right wing misalignment was corrected by Dick Hart with Al McQueen consulting.

The right outboard flap had been attached after a small sheet metal repair to the flap well. Final adjustments are in work at this time.

The left engine oil (tank to oil pump) firewall interface tubing has required a special welded tubing to thread between the carburetor control rods. A mock up of the required configuration was

made along with a drawing to facilitate the fabrication. We are in the fit check stage of the unit (tack welded) prior to the final welding of all the joints, AN threaded connection and firewall mounting plate. The right engine did not require this rework due to the different carburetor control rods configuration.

Next items include checking out the remote compass in the right wing that drives the remote indicators (total of four) for the pilot and co-pilot VOR, TACAN and ADF control heads.

TBM – Work on the hydraulic system is continuing. The new accumulator has arrived and it is the center point of the system. Once it is mounted, tubing connected and the system refilled other units will be cycled and refurbished.

Planning for the electrical rewiring is continuing.

Robert E. James
Maintenance Officer

RESTORATION
GEORGE GRAEFE

May presented a new challenge on the restoration calendar for the Grumman Gremlins. Through the tireless efforts of our Valiant Air Command Procurement Officer, Bob Frazier, the F11F-1 Tiger was removed from the pedestal it occupied at Pensacola Airport. It was transported to the Naval Flying Club hangar to be disassembled for transport to our Hal Larkin Aircraft Restoration Facility located at the Valiant Air Command. The task took 172 Man Hours. It was started on the 19th of April and completed by May 2nd. The aircraft was loaded on the transport truck on May 3rd. It arrived at our facility Saturday May 5th. Unloading was accomplished with the help of the Valiant Air Command personnel, the C-47 crew along with the Grumman Gremlins crew. We offloaded the fuselage along with the wings and associated assemblies into our Hal Larkin Aircraft Restoration Hangar where the restoration will begin. This task was accomplished before our annual airshow performance luncheon. We all took part in a delicious feast, prepared by our Volunteers.

George Graefe
Restoration Project Officer

PERSONNEL OFFICER
BOB BOSWELL

The weather was good as was the turnout for the Valiant Air Command Warbird Museum's Memorial Day Weekend Open House. The Museum provided free-entry for all Brevard County Residents and for all Military, active and retired. This popular annual event provides the VAC an opportunity to thank local residents for their community support. The Gift Shops' Hot Dog Stand did a very brisk business. On Saturday the demand was so heavy that they sold out by 1 PM! A big thanks to our Chief Cooks Ginger and Joan, and all others who helped support and man the Hot Dog Stand.

Overall attendance for the Weekend Event was very good. The total number of visitors was very close to 3,000 at the last count. Walking through the museum I overheard many flattering comments as to how well the facility was being maintained, and how well the aircraft had been restored and maintained, and what a fine facility they were housed in. Many of the visitors were pleasantly surprised at the variety of aircraft on display and the number of items on display in the memorabilia room. I always enjoy talking with visitors who recognize a military item from the past and take the time to explain just why and how it was used. Many of the visitors were new residents of Brevard and this was their first opportunity to see the Museum and possibly will join the VAC.

Thanks to Sandy for the long hours she put in checking in the visitors, and ensuring they received membership information. This was a good recruiting event and special thanks goes 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.

Bob Boswell
Personnel Officer

PROCUREMENT OFFICER
BOB FRAZIER

Things seem to be slowing down the last week or so.

F11F TIGER --- Well we finally got all the involved parties coordinated and the F11 was to arrive by truck on 07 May. The Pensacola Airport Authority arranged to take the airplane down off the airport pylon and set it down on Navy property. I was able

to hire some of the Navy Museum's restoration people outside of their work hours and they did a nice job of a tough disassembly effort. When we advised the truck driver of a pick-up date, he surprised us by arriving 3 days early. All in all the airplane now rests in the Restoration hangar and in good hands of the "Grumman Gremlins".

U.S. Marine Corps Inventory --- The renewal of the F8-CRUSADER LOAN AGREEMENT with the U.S. Marine Corps Museum was completed, signed and returned to their Museum. It includes an inventory list and photograph of the airplane.

Bob Frazier
Procurement Officer

PUBLIC RELATIONS OFFICER
FRANK POUND

Many of you have significant warbird memorabilia – or you know someone who does – hiding in a closet or attic, or maybe hanging on your wall.

Consider a provision in your will to let these items be preserved for posterity – we've all heard the stories of irreplaceable citations, medals, uniforms, pictures going to the garbage dump.

The VAC has a sample will provision which leaves memorabilia items to the VAC Warbird Museum. Call the office at 321-268-1941 if you need a copy. If you have items available now, please consider donating them. All of our priceless collections of memorabilia have come from your generosity – for which the VAC is eternally grateful. Our visitors and guests have amazing compliments about our collection.

EVENTS COORDINATOR
ANN JAMES

Gryphon Group Luncheon
Bakers for the month of June/July:

June 05 – Ann & Jean
June 12 – Gay & Jean
June 19 – Joan & Marilyn
June 26 – No Luncheon
July 03 – No Luncheon
July 10 – Gay, Jean & Joanne
July 17 – Ann, Joan & Marilyn
July 24 – Jean, Joanne & Margaret
July 31 – Ann, Joanne & Marilyn

Thank you ladies, you are very much appreciated.
In Remembrance of:

Our sympathy to Lloyd and Gay Morris in the loss of her Mother, **Barbara Bennett** of New Smyrna Beach. The funeral was held on June 6, 2007.

We recently received a call from Rick Barkley, son of long time member, **Charles Barkley.** Mr. Barkley passed away on 08 March 2007. Many of us "old timers" remember Charles and his many welding skills that he generously shared with our ground Equipment crew. Our sympathy to Rick, his wife Victoria and their family.

We are deeply saddened by the recent loss of **Louis Comeau** on 17 June 2007. Louis was a devoted AAF member as well as a VAC member. The C-123 group remembers his sense of humor and his readiness to help his friends at any time. Our prayers go out to his loving wife, Cheryl, his sons and family.

We sincerely thank Arthur E. Lapham for Lifetime Membership in memory of **Mike McDonough** and in honor of **Josh Payne.**

**FROM THE FRONT COUNTER, CRYSTAL,
GINGER & SANDY**

Happy Father's Day from Us Girls!!!



Have a wonderful day!!!

A Very Special Thanks to "Roger". He does a lot for the VAC. I mean from cleaning the Hot Dog Cart and putting air in the tires, to keeping the museum, gift shop and hangar very clean with very little help from anyone. A Special Father's Day Thanks to You Roger from us Girls.....

Open House was a success. In 3 days we had about 2800 people in the Museum and Gift Shop for the three days.

The Hot Dog Stand did well also. A special thank you to Mr. & Mrs. Bob Boswell, Sandy, Joanie, Jean, Joanne, Marilyn and Lorraine for helping at the Hot Dog Stand and in the Gift Shop. Thank you to Ann and Bob James for the hot dogs. Thank you to all that helped!!!

4th of July is coming up soon, Happy 4th everyone from us girls!

Crystal, Ginger & Sandy
Museum Gift Shop

VAC ELECTIONS for 2007

The following is a list of offices and terms of service that will be up for voting. If interested, you must comply with VAC procedure. A member that is interested in running for a Board of Directors 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 run. (b) the signature of the candidate who is seeking to run. (c) the signatures of (2) active members of the Valiant Air Command Inc. who endorse the placement of the candidates name on the ballot.

Original Letter of Intent must be received by the Valiant Air Command Inc. before close of business August 15th (fax/E-mail not acceptable). List of offices up for election will follow.

The Office of Commander (when this office is up for election) requires previous Board of Directors service. Please call Board members concerning duties of the office. Valiant Air Command Board of Directors is considered a "working Board" position.

OFFICES AVAILABLE FOR 2007

FULL THREE (3) YEAR TERMS 2007 – 2010

Executive Officer	(Incumbent)	Bud Evans
Operations Officer	(Incumbent)	Ken Terry
Facilities Director	(Incumbent)	Norm Lindsay

Please be advised all autobiographical histories together with your original nomination papers must be received at VAC Headquarters by 5:00 P.M. August 15th for Un-Scramble publication. (Suggested bios up to 250 words)

Election Date: October 6, 2007.

Congratulations to our Lifetime Members:

Anderson, Roland (New)	Cocoa	FL
Crile, Vaughn W. (Renewal)	New Smyrna Beach	FL
Crile, Gayel (Renewal)	New Smyrna Beach	FL
Dexter, Linc (Renewal)	North Fort Myers	FL
Dexter, Lynne (Renewal)	North Fort Myers	FL
Juhl, Marvin T. (Renewal)	Cocoa	FL
Juhl, Lorraine M. (Renewal)	Cocoa	FL
Lapham, Arthur E. (Renewal)	Melbourne	FL

Johnson, Pierre	Key Biscayne	FL
Johnson, Kara	Key Biscayne	FL
Keeler, George C.	Middleburg	FL
Kramer, Frans J. E.	West Melbourne	FL
Kramer-Ferwerda, Marijcke A	West Melbourne	FL
Krauss, Jr., Daniel L. "Buz"	Crescent	GA
Labbe, Dennis	Fort Myers	FL
Labbe, Gail	Fort Myers	FL
Meyer, Thomas F.	New Smyrna Beach	FL
Meyer, Theresa	New Smyrna Beach	FL
Mitchell, Sharon	Bay City	MI
Murphy, Robert C.	Fernandina Beach	FL
Murphy, Chong	Fernandina Beach	FL

The Valiant Air Command thanks the following members for renewing their membership:**Renewal Members 01 January-13 February 2007**

Adams, Sharon	Payson	AZ
Beardsley, Randy	Tampa	FL
Bobst, Bruce	Homosassa	FL
Brassell, Jacquelyn	Wycoff	NJ
Byron, Bradley L.	Cocoa	FL
Childs, Dick	Colchester	VT
Chroninger, John	Lakeland	FL
Chroninger, Denise	Lakeland	FL
Comeau, Louis	Cocoa	FL
Conley, H. C. "Mike"	Griffin	GA
Copeland, Edwin	Melbourne	FL
Copeland, Mary J.	Melbourne	FL
Crews, AL	Satellite Beach	FL
Cross, Eliot	St. Augustine	FL
Dauer, Raymond S.	Fort Myers	FL
Vanderleit, Carol	Fort Myers	FL
Davidson, Doug	Naples	FL
Davis, Stuart	Yulee	FL
Davis, Nola	Yulee	FL
Dawson, Robert B.	Orlando	FL
Demers, Edward T.	Palm Bay	FL
Ullom, JoAnne	Palm Bay	FL
Dorrell, Jack	Melbourne	FL
Dorrell, Joan	Melbourne	FL
Edkins, Norm	Port Saint John	FL
Ehrenspeck, Ed	Edgewater	FL
Best, Sue	Edgewater	FL
Elliott, P.W.	Daytona Beach	FL
Fera, Joseph V.	Live Oak	FL
Foster, Billy B.	Fernandina Beach	FL
Gardner, Robert P.	Indialantic	FL
Geiler, William	Clermont	FL
Gifford, Chriss	Cocoa	FL
Goodchild, Gerald B.	Merritt Island	FL
Goodchild, Alicia M.	Merritt Island	FL
Graefe, George A.	Melbourne	FL
Graefe, Peggy	Melbourne	FL
Hall, Joe	Palm Bay	FL
Harris, Herman	Melbourne	FL
Holm, Barry	Vero Beach	FL
Holm, Scott	Vero Beach	FL
Jackson, William F.	Delray Beach	FL
Jacobs, Peter J.	Port Orange	FL
Jacobs, Linda L.	Port Orange	FL
Jenkins, Doug	Fort Myers	FL
Johnson, J. William	Titusville	FL
Johnson, Margery	Titusville	FL

Nelson, Kent J.	Orlando	FL
Nettuno, Daniel	Titusville	FL
Nettuno, Barbara	Titusville	FL
Norris, Samuel S.	Miami	FL
Norris, Bonnie	Miami	FL
Olsen, Chris P.	Brooksville	FL
Olsen, Carlee	Brooksville	FL
Orth, Walter	Coral Gables	FL
Oster, John H.	Titusville	FL
Pearson, Dennis	Winter Springs	FL
Brackett-Pearson, Lynne	Winter Springs	FL
Powell, Walter V.	Slippery Rock	PA
Quinlan, Kevin	Titusville	FL
Quinlan, Karen	Titusville	FL
Riggle, Donald C.	Emlenton	PA
Riggle, Esther L.	Emlenton	PA
Russell, Richard D.	Port Orange	FL
Schumann, John	Vero Beach	FL
Schumann, Kathi	Vero Beach	FL
Schwartz, Richard J.	Palm Beach Gardens	FL
Skelley, Thomas	Titusville	FL
Tarter, Albert	Oviedo	FL
Taylor, Norman E.	Sumter	SC
Taylor, Glenn	Sumter	SC
Trachtman, Jerry	Merritt Island	FL
Tulley, Jr., James H.	Titusville	FL
Tulley, Kathleen	Titusville	FL
Tyree, Don	Valdosta	GA
Tyree, David	Valdosta	GA

Renewal Members 14 February-10 April 2007

Acosta, Alex	Merritt Island	FL
Acosta, Alina	Merritt Island	FL
Anderson, Eric	Mims	FL
Axelrod, Richard A.	Port Orange	FL
Bailey, Donald J.	Kimberton	PA
Bailey, Nancy	Kimberton	PA
Ballard, David	Titusville	FL
Ballard, Julia	Titusville	FL
Bartholomew, Doyle R. "Jim"	Canton	NC
Bayerdorffer, Herman	Willimantic	ME
Bayerdorffer, Cynthia	Willimantic	ME
Bean, James E.	Northport	NY
Becker, Fred	Titusville	FL
Beddingfield, Sam T.	Titusville	FL
Beil, James E.	Titusville	FL
Beil, Patricia	Titusville	FL

Beltzner, Dale A.	Cocoa	FL	Fitzgerald, John	Rio Grande	NJ
Beltzner, Rosalie	Cocoa	FL	Fryar, Thomas	Odessa	TX
Bettencourt, Phillip	Titusville	FL	George, Thomas W.	Merritt Island	FL
Bettencourt, Marilyn	Titusville	FL	Giannone, Ed	Port Orange	FL
Bishop, Don	Kissimmee	FL	Giannone, Pat	Port Orange	FL
Bishop, Sherry	Kissimmee	FL	Goding, Vern H.	West Melbourne	FL
Bixby, Robert	Titusville	FL	Goetsch, Paul	Palm Bay	FL
Bizby, Louise	Titusville	FL	Goetsch, Sherry	Palm Bay	FL
Black, John E.	Cocoa Beach	FL	Grant, Steven A.	Indialantic	FL
Black, Julie	Cocoa Beach	FL	Greist, David	Fern Park	FL
Borchin, Jerry	Daytona Beach	FL	Greist, Rose	Fern Park	FL
Boyce, Frank J.	Titusville	FL	Groh, Scott	Hobe Sound	FL
Bray, Wayne	Astor	FL	Groh, Elizabeth W.	Hobe Sound	FL
Bray, Bridgett	Astor	FL	Harris, Walter G.	Port Saint Lucie	FL
Cain, Thomas	Cocoa	FL	Harris, Lynne L.	Port Saint Lucie	FL
Cain, Judy B.	Cocoa	FL	Haydu, Bernice	Florham Park	NJ
Callaghan, Patrick E.	Lighthouse Point	FL	Hernandez, Felix	Miami	FL
Callaghan, Lenor I.	Lighthouse Point	FL	Hofbauer, Jack	Daytona Beach Shores	FL
Callahan, Dennis H.	Ponte Vedra Beach	FL	Hofbauer, Janie	Daytona Beach Shores	FL
Canetti, David A.	Ormond Beach	FL	Hogue, Doug	Rockledge	FL
Caverly, Donald V.	Sorrento	FL	Hogue, Darcy	Rockledge	FL
Caverly, Shirley A.	Sorrento	FL	House, Kevin	Palm Beach Gardens	FL
Chamberlain, Scott W.	Safety Harbor	FL	Huff, Ray	Berryville	VA
Christensen, Robert	Titusville	FL	Hussey, Don	New Baltimore	MI
Christensen, Vera	Titusville	FL	Iles, "Bud"	Saint Augustine	FL
Cleary, Jr., John R.	Titusville	FL	James, Jeff	Rowlett	TX
Cleary, Dorothy A.	Titusville	FL	James, Jessica	Rowlett	TX
Collier, David B.	Stuart	FL	Jeffers, Jerry I.	Asheboro	NC
Conway, William P.	Mims	FL	Joly, Luc	Daytona Beach	FL
Conway, Mardel K.	Mims	FL	Keilin, Ronald	Sag Harbor	NY
Cooper, Robert S.	Mims	FL	Keith, Jr., Robert M.	Titusville	FL
Cornuet, Sally M.	Melbourne	FL	Kelley, Jim D.	Charlotte	NC
Cox, James M.	Melbourne	FL	Kerwin, F. Leo	Cape Canaveral	FL
Cox, Karen K.	Melbourne	FL	Knepper, Dave	Cocoa	FL
Cushman, Robert A.	Longwood	FL	Kosch, Robert N.	Brooksville	FL
Cushman, Betsy A.	Longwood	FL	Kotenski, Joseph J.	Shelton	CT
Damoff, George T.	Titusville	FL	Kranz, Dennis	Daytona Beach	FL
Davidson, Kelly C.	Tequesta	FL	Bremkamp-Kranz, Teresa	Daytona Beach	FL
Davies, Mark B.	Melbourne	FL	Lauff, Jr., Samuel	Ocala	FL
Davies, Scarlet	Melbourne	FL	Lauff, Linda	Ocala	FL
Davis, Jr., Robert D.	Powder Springs	GA	Lumley, Bill	Delray Beach	FL
Davis, Sr., Robert D.	Powder Springs	GA	Marco, David A.	Atlantic Beach	FL
deZayas, Luis	Rockledge	FL	Marks, Steve	Port Orange	FL
Teicher, Lorinda	Rockledge	FL	Marks, Joyce Battle	Port Orange	FL
Diaz, Peter	Melbourne	FL	Matheny, Joe D.	Titusville	FL
Dorrell, Edward	Jacksonville	FL	Mathis, Dave	Longwood	FL
Dorrell, Mary A.	Jacksonville	FL	Mathis, Lillian	Longwood	FL
Dorrell, Pearce	Murphy	NC	Matthews, Max	Santa Rosa Beach	FL
Duffy, John W.	Sumter	SC	Matthews, Richard D.	Dover	FL
Edkins, Norm	Port Saint John	FL	Mattey, Steve	Titusville	FL
Edkins, Dee	Port Saint John	FL	Mattey, Carrie	Titusville	FL
Ellison, Richard D.	Kewadin	MI	McCoy, John K.	Satellite Beach	FL
Ellison, Nancy M.	Kewadin	MI	McDonald, H. "Marty"	Cocoa	FL
English, Serge	Callahan	FL	McDonald, Melissa	Cocoa	FL
Felt, Morris R.	Clayton	NY	McKenzie, Robert S.	Port Orange	FL
Felt, Trudy A.	Clayton	NY	McKenzie, Jane M.	Port Orange	FL
Field, Peggy A.	Edmonton, Canada	AB	Meyer, Flea	Port Saint John	FL
Fischer, Pat	Titusville	FL	Meyer, Ruth	Port Saint John	FL
Fischer, Michelle	Titusville	FL	Mohrbacher, Robert K.	Titusville	FL
Fisher, Darrell M.	Marion	IA	Mohrbacher, Lorraine C.	Titusville	FL
Fisher, Dorothy	Marion	IA			

Morales, Joseph A.	Merritt Island	FL	Simmons, Kevin S.	Melbourne	FL
Morales, Beatrice	Merritt Island	FL	Smith, Ken	Merritt Island	FL
Morrison, John M.	Cape Canaveral	FL	Sodaro, Charles	Paramus	NJ
Kuttesch, Shirley	Cape Canaveral	FL	Sodaro, Nancy	Paramus	NJ
Murray, Bud	Murrysville	PA	Stamp, Don	Salem	OH
Neat, Brad	Sarasota	FL	Stamp, Coralie	Salem	OH
Nichols, Jay	Lake Worth	FL	Stanger, James	Titusville	FL
Nichols, Gail	Lake Worth	FL	Shaw, Nancy	Titusville	FL
Niner, Francis R.	Monkton	MD	Steinwedel, Norbert	Cornelius	NC
Niner, Claudia A.	Monkton	MD	Talley, Thomas N.	Melbourne	FL
Nishmura, Robert H.	San Jose	CA	Talley, D.	Melbourne	FL
Norville, Gary	New Smyrna Beach	FL	Taylor, Norman E.	Sumter	SC
Norville, Carole	New Smyrna Beach	FL	Taylor, Norman G.	Sumter	SC
Nunez, Noah	Satellite Beach	FL	Telling, Frederick W.	Woodcliff Lake	NJ
O'Connor, Ronald	Merritt Island	FL	Telling, Barbara Clark	Woodcliff Lake	NJ
O'Connor, Kristin	Merritt Island	FL	Thoman, Gaylord L.	Port Orange	FL
Owler, Bob	Titusville	FL	Thoman, Bernice	Port Orange	FL
Paika, Jr., Fran	Sparks	NV	Thorstad, Ron	Titusville	FL
Patterson, Randall	Palm Coast	FL	Tobul, James R.	Bamberg	SC
Perdue, James	Melbourne	FL	Tullius, Robert C.	Sebring	FL
Perdue, Rita	Melbourne	FL	Wagner, Walter J.	Titusville	FL
Pfeifer, Stan J.	Elkton	FL	Wall, David	Ocala	FL
Pfeifer, Susan	Elkton	FL	Wall, Denise	Ocala	FL
Phillips, Pat	Apopka	FL	Wall, Robert D.	Ocala	FL
Phillips, Barbara	Apopka	FL	Weinert, H. Russell	Titusville	FL
Phillips, Thomas R.	Cocono Lake	PA	Weinert, Donna J.	Titusville	FL
Pound, Jr., Frank R.	Cocoa	FL	Weinfurtnr, Paul	Melbourne	FL
Powers, Gary	Titusville	FL	Weinfurtnr, Rose	Melbourne	FL
Powers, Carol	Titusville	FL	Wheeler, Dr. James .	Louisville	KY
Proksel, Allan G.	Longwood	FL	Wheeler, Leta W.	Louisville	KY
Pylar, Art	Orlando	FL	Wilder, Barbara W.	Melbourne	FL
Rapp, Richard	Sparta	TN	Wisler, Jay	Tampa	FL
Morris, Laura Jo	Sparta	TN	Wisler, Sharon	Tampa	FL
Razzini, Anthony D.	Viera	FL	Zatroch, Steven L.	Elyria	OH
Rellihan, Michael G.	Laurens	SC	Zatroch, Shirley	Elyria	OH
Rellihan, Paula S.	Laurens	SC	Zonka, Milo	Palm Bay	FL
Ringland, II, John	Cape Coral	FL	Zonka, Deborah	Palm Bay	FL
Roberts, Ken	Spring Hill	FL			
Robertson, Richard	Saint Louis	MO			
Rodig, Edward	Audobon	NJ	<u>Renewal Members 11 April - 08 May 2007</u>		
Rueda, Orlando	Bogota Columbia		Badger, Lester A.	Cocoa	FL
Rueda, Maria	Bogota Columbia		Brady, James G.	Jacksonville	FL
Russell, Bob	Monroe	NC	Ingersoll, John L.	Wilton	CT
Russell, David	Monroe	NC	Ingersoll, Dorothy B.	Wilton	CT
Russo, Raymond	Summerfield	FL	Land, Patrick J.	Fernandina Beach	FL
Russo, Marion	Summerfield	FL	Land, Jerry B.	Fernandina Beach	FL
Sadar, Kelly J.	Fort Lauderdale	FL	Libengood, Robert Thomas	Tampa	FL
Scamfer, Thomas A.	Titusville	FL	Littell, Wally	Titusville	FL
Caiola, Bobbie Jo	Titusville	FL	Mack, James E.	Indialantic	FL
Schumann, John	Vero Beach	FL	Mack, Eda H.	Indialantic	FL
Schumann, Kathi	Vero Beach	FL	McCullough, Bob	Orlando	FL
Schwenn, Ronn	Long Beach	WA	McCullough, Camille	Orlando	FL
Schwenn, Marian	Long Beach	WA	McElwee, Charles W.	Potomac	MD
Schwenn, Shannon R.	Deltona	FL	Ping, Jennie	Potomac	MD
Schwenn, Melissa	Deltona	FL	Metcalf, Paul E.	Pittsfield	NH
Sherman, Kent C.	Atlantis	FL	Metcalf, Lucia A.	Pittsfield	NH
Sherman, Patricia M.	Atlantis	FL	Morris, Thomas L.	Satellite Beach	FL
Shields, Rick	Titusville	FL	Morris, Ruth I.	Satellite Beach	FL
Shields, Diane	Titusville	FL	Parsons, Stanton V.	Lake Mary	FL
Shumate, David H.	Indialantic	FL	Devaney, Julie J.	Lake Mary	FL
Shumate, Vickie L.	Indialantic	FL	Trahan, Ervis	Kaplan	LA
			Woodard, Paul L.	Sebastian	FL

Renewal Members 09 May - 12 June 2007

Blau, Paul S.	Goose Creek	SC	Caldwell, Karen	Apopka	FL
Blau, Mary	Goose Creek	SC	Hitchcock, Allen	Apopka	FL
Bond, James F.	Jamaica	NY	Evernham, Tom	Port Orange	FL
Davis, Richard A.	Miami Beach	FL	Loudermilk, John A.	Brentwood	TN
Davis, Irina	Miami Beach	FL	Martinez, Ernie	Ocala	FL
Fazan, Jeffrey D.	Jacksonville	FL	Morris, Lino G.	North Miami	FL
Foley, Robert M.	Oviedo	FL	Morris, Marina	North Miami	FL
Gomez, Ivan G.	Orlando	FL	Oriza, Mark A.	Titusville	FL
Halcomb, Ronald W.	Tallahassee	FL	Petersen, Kim	Titusville	FL
Hart, Richard Allen	Merritt Island	FL	Poole, Arthur	New Smyrna Beach	FL
Herb, Bomber	Venice	FL	Poole, Emily	New Smyrna Beach	FL
Ingersoll, John L.	Wilton	CT	Poole, Scott C.	New Smyrna Beach	FL
Ingersoll, Dorothy B.	Wilton	CT	Poole, Arthur	New Smyrna Beach	FL
Jones, William H.	Altamonte Springs	FL	Ranson, Bryan	New Port Richey	FL
Lafond, Lou	Osteen	FL	Rebello, Tony	Ponce Inlet	FL
Schindler, Melanie a.	Osteen	FL	Schuiling, Roelof L.	Melbourne	FL
Leeward, Jimmy	Ocala	FL	Snyder, Guy W.	Merritt Island	FL
Leeward, Dirk	Ocala	FL	Stetson, Raymond C.	Titusville	FL
Leeward, Bette	Tampa	FL	Stetson, Rosemary	Titusville	FL
Lockler, Donald M.	Ocala	FL	Terry, Bob	Port Orange	FL
Lyons, Rodger V.	Titusville	FL	Webber, Richard K.	Titusville	FL
Lyons, Jean N.	Titusville	FL			
Morris, Lloyd W.	New Smyrna Beach	FL	<u>New Members 11 April - 08 May 2007</u>		
Morris, Gay B.	New Smyrna Beach	FL	Hanley, Frank E.	Leesburg	FL
Pacetelli, Jr., Robert A. (Bob)	Deltona	FL	Hanley, Nancy	Leesburg	FL
Piersol, Paula	Tallahassee	FL	LaVigne, Harry	Titusville	FL
Shaffer, Carson L.	Christmas	FL	LaVigne, Phyllis	Titusville	FL
Shaffer, Cindy Lynn	Christmas	FL	Purucker, Kevin	Ponce Inlet	FL
Sietsma, Larry F.	Indialantic	FL	Reich, Eugene H.	Port Orange	FL
Sietsma, Sherry O.	Indialantic	FL	Russell, John	Oviedo	FL
Talbott, Franklin F.	Cocoa	FL	Russell, Cindy	Oviedo	FL
Talbott, Ruth	Cocoa	FL	Sosbey, L. Paul	Port Orange	FL
Wells, Randy	Palm Bay	FL	Terry, Rick	Vero Beach	FL
Wilson, Cosmo	Deltona	FL	Terry, Tamara	Vero Beach	FL
			Zahornacky, Gregory A.	Rockledge	FL
			Zahornacky, Christine M.	Rockledge	FL

The Valiant Air Command welcomes New Members**New Members 09 January - 13 February 2007**

Boswell, Bruce	Orange Park	FL
DeFefe-Potesta, Michelle R.	Annapolis	MD
Denan, Sheryl L.	Satellite Beach	FL
Denan, Mike	Satellite Beach	FL
Henry, Donald A.	Titusville	FL
Trapp, Rose	Titusville	FL
Jordan, Arthur S.	Winter Park	FL
Jordan, Melissa A.	Winter Park	FL
McDonnell, Patrick	Cape Canaveral	FL
McDonnell, Yvonne	Cape Canaveral	FL
Morrison, David	Titusville	FL
O'Connell, John	Titusville	FL
Pierobon, Luciano "Lucky"	Sterling Heights	MI
Pierobon, Patricia	Sterling Heights	MI
Tsonis, Barbara	Sebastian	FL
Tsonis, Phil	Sebastian	FL

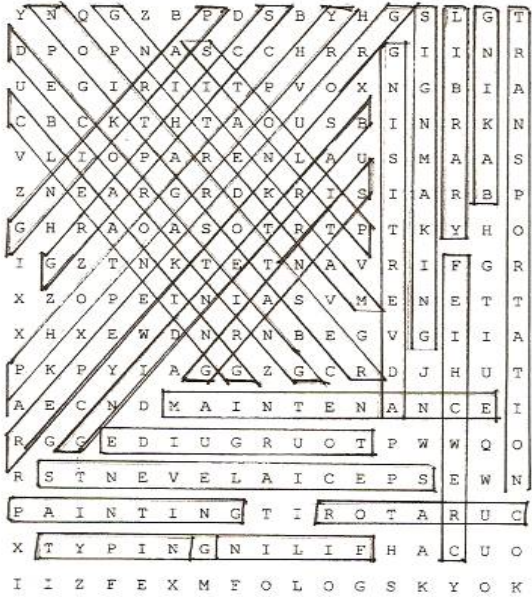
New Members 14 February - 10 April 2007

Alley, Thomas C.	Geneva	FL
Alley, Nancy F.	Geneva	FL
Barnett, Vaughn L.	Altamonte Springs	FL
Barnett, Jo Lynn	Altamonte Springs	FL
Black, Roger G.	Melbourne	FL

New Members 09 May - 12 June 2007

Baciuska, Gary V.	Titusville	FL
Baciuska, Laura	Titusville	FL
Bottoms, Jr., Frank M.	Port Orange	FL
Bottoms, Sr., Frank M.	Daytona Beach	FL
Buhlin, Emerson C. (Billy Bob)	Bayern, Germany	
Gibson, William A. (Bill)	Deland	FL
Gibson, Dorothy (Dottie)	Deland	FL
Hamilton, Robert W.	Titusville	FL
Hamilton, Kathleen	Titusville	FL
Hillery, Paige L.	Ridgefield	CT
Hillery, Barbara E.	Ridgefield	CT
Narvaez, Benjamin	Viera	FL
Narvaez, Delilah A.	Viera	FL
Peiffer, Richard J. (Dick)	Melbourne	FL
Peiffer, Nicki	Melbourne	FL
Powers, Jimmy R.	Port Orange	FL
Powers, Wenying	Port Orange	FL
Ringwalt, Dave	Punta Gorda	FL
Ringwalt, Barbara	Punta Gorda	FL
Schindler, Melanie A.	Osteen	FL
Seward, Claude	Merritt Island	FL
Toohey, John J.	Rockledge	FL
Trousdale, Ted	Titusville	FL

VAC Volunteers - Your niche is here!



- Buckeye
- Bulldog
- Corsair
- Crusader
- Freedom
- Grasshopper
- Huey
- Intruder
- Mentor
- Messerschmitt
- Mig
- Mohawk
- Mustang
- Panther
- Provider
- Shooting Star
- Sikorsky
- Skyhawk
- Skymaster
- Skytrain
- Stol
- Thunderchief
- Tiger
- Tomcat
- Tracker
- Voodoo
- Wildcat
- Valiant Air Command

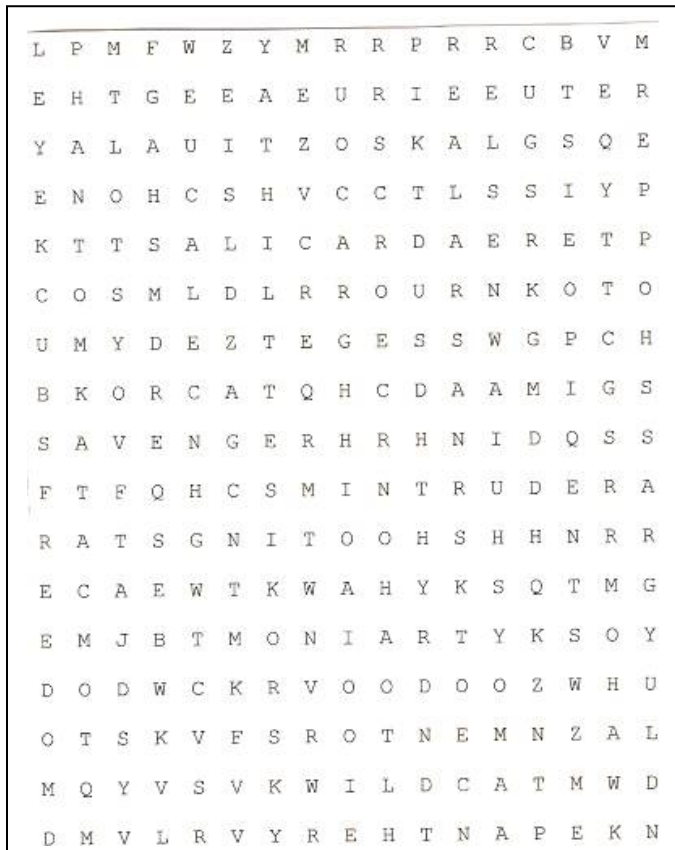
Solution in August/September Un-Scramble



WARBIRD PUZZLE



All of the warbirds at the VAC Museum & Restoration hangar are in this puzzle and two that are not (these two are not listed), also Valiant Air Command is in the puzzle. Enjoy finding all of them. We have a different type of puzzle for August/September for your fun and enjoyment!





Valiant Air Command Museum
6600 Tico Road, Titusville, FL 32780
321-268-1941 Fax 321-268-5969
Email: vacwarbirds@bellsouth.net
www.vacwarbirds.org

MEMBERSHIP RENEWAL

We sincerely hope you will continue to be part of our very worthwhile organization. Your yearly contribution makes it possible for us to continue to offer you the following privileges:

- 1. Free admission to the museum throughout the year.*
- 2. Free admission to the Tico Warbird Airshow for all 3 days.*
- 3. Access to the Warbird aircraft on the Flight Line during the Airshow.*
- 4. The monthly Unscramble Newsletter mailed to your home.*
- 5. Membership meetings, various dinners, or luncheon participation.*
- 6. Opportunity to volunteer during the year and for the Airshow.*
- 7. Flying participation during the Airshow.*

Note: The Valiant Air Command, Inc. is an (501 C3) Educational Museum Recognized by the IRS for donations making your donation tax deductible.

PLEASE DETACH AND MAIL

SEND TO: VALIANT AIR COMMAND, INC. 6600 TICO ROAD, TITUSVILLE, FL 32780
ATTN: MEMBERSHIP **Make checks payable to: The Valiant Air Command**

Please print clearly Date _____

NAME: _____ Email: _____

SPOUSE or OTHER MEMBER _____ CHILDREN _____

ADDRESS _____

ALTERNATE ADDRESS (if applicable) _____
 From _____ to _____

PHONE # (Home) _____ (Cell) _____ (Other) _____

DUES: SINGLE (1) \$75.00 YEAR FAMILY (2) \$100.00 YEAR Circle One

LIFETIME: \$1000.00: Ages 0-59 \$750.00: Ages 60-69 \$500.00: Ages 70+ Circle One

CHECK # _____ CREDIT CARD: PLEASE CIRCLE ONE: VISA MASTERCARD

_____-_____-_____ EXPIRATION DATE: _____

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

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