



The Heritage

Heritage Chapter Bluebills
Boeing Retiree Volunteer Newsletter

March 2014

WWW.BLUEBILLS.ORG

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Chairman's Corner

By Howard Syder



This year is the Twentieth Anniversary of the Bluebills being formed.

Let me reminisce a little on what has happened during the past 20 years. First of all we have contributed many thousands of volunteer hours to non profit organizations in our communities, these have been worth several million dollars.

I became a Bluebill when I retired in 1995 after I received a brochure about the organization in my retirement package.

At that time we were located at South Center with Boeing Community Services and held our monthly meetings in a rather crowded conference room. We have changed location several times since then for both our organization and our meeting and currently occupy office space at South Park and are to hold our meetings at the Clarion Hotel on a temporary basis.

At these meetings we have had many interesting speakers on many different subjects while enjoying our coffee and doughnuts and not forgetting the popcorn.

Initially we were just one big chapter but in the late nineties we started chapters in Everett, (Sno-King) and then on the Olympic Peninsula, (Oly-Pen).

We have had some notable achievements over the years, our renovation of Jason Lee Middle School in Tacoma, our very successful Kids n Need program which started out as a book distribution to schools and developed into school resources where teachers shopped for school materials in a supermarket setting but did not have to pay. Currently we have a binder reconditioning program where we receive surplus binders from Boeing and distribute them to local school dis-

tricts. We have also distributed gift bags on a regular seasonal basis to Fred Hutch and local nursing homes. During the past several years we have manned a Bluebills booth at the Puyallup Fair and have recruited new Bluebills. There have been many other successful projects too numerous to mention. We also publish a monthly newsletter which lets the membership know what is going on.

It hasn't been all work as each year we have enjoyed our Annual Volunteer of the Year Dinner where we honor our Volunteer of the Year, have a delicious meal, entertainment and meeting our fellow Bluebills.

This was held initially at the Museum of Flight and now we hold it at the Double Tree Inn at South Center.

In August we have our Annual Picnic which has been held at Richard and Norma Vaughn' house and different parks in the area. This always brings a plethora of different types of food and some competitive games, usually the weather is good.

As the years have passed we have lost several of our Bluebills who are missed but there are still many of us who have been around the organization for a long time and have worked hard to make it a successful organization. The Boeing Company are to be congratulated in having the foresight to create and support our organization by providing us with a budget and office space with our computers.

Let' make this "Twentieth Anniversary Year" a year to remember.

Notice: due to the sale of the Harley-Davidson facility, the Bluebills meetings will be held across the street at the Clarion Hotel in the Breakfast Room. Attendees should enter through the main lobby any time after 10:45 and the meeting will start at 11:00 am.

February Chapter Meeting Recap

By Mary Ulibarri

Chairman Howard Syder called the meeting to order starting with the Pledge of Allegiance to the Flag, despite there being no flag in the new meeting room. Next he asked if there were any guests. There were two, one of whom became a new member on the spot. Welcome Elli Duigan. The two February birthdays and two anniversaries were acknowledged – congratulations!

Howard announced that the new owners of Harley Davidson of Renton have stated they will no longer loan out their meeting room, so everyone was encouraged to come up with a suitable (hopefully free) location. The meetings will continue in the breakfast room of the Clarion Hotel for the time being.

There being no further announcements, Jim Beasley introduced the speaker Jim Haas, Director-Product Marketing, Boeing Commercial Airplanes. Jim leads the team that presents the value of Boeing's products to airlines, financiers, media and other key stakeholders. His team is also responsible for bringing customer input on product development studies back to Boeing's design teams.



Jim began his career at Boeing in 1979 as a configuration design engineer in the 757 aerodynamics organization. He then was responsible for airplane performance support for all Boeing aircraft to the Sales, Marketing and Contracts organizations for sales campaigns in the Asia-Pacific region.

Jim joined the Product Marketing department in 1997 as Regional Director, covering all Boeing models in support of sales campaigns. Just prior to his current assignment, Jim served as Director of 747/767/787 Product Marketing, where he led the marketing and analysis effort

Jim holds Bachelor of Science and Master of Science degrees in Aeronautical and Astronautical Engineering from Purdue University.

Mr. Haas started his presentation by introducing his right-hand man Aaron Mangone, Product Analyst, Product Marketing & Analysis, Boeing Commercial Airplanes. His expertise was called upon at

various points during the presentation.

Jim opened with his proposed agenda for the main focus today -- the 787: how it was developed, what makes it special, how it is tested and certified, plus the marketing strategy for the future, including the new derivatives Dash 9 and Dash 10. He stated audience members should feel free to ask questions at any time during his talk. He then interjected a bit of humor by stating if he sees anyone nodding off, he will call on him or her for comment.

The first comment about the 787 is that it is a wonderful airplane. Unfortunately, some mishaps have occurred, not unheard of for new products, which the media loves to spotlight more than the positive accomplishments. That sells more newspapers, you know.

Using slides and videos throughout, he began by saying the design concept of the 787 started with the Sonic Cruiser. Boeing proceeded to gather a suite of technology, including composite material, aerodynamic and design efficiencies. A question was whether to fly at almost the speed of sound or to apply a more conventional approach of 20% less fuel used. With the 2001 global recession and events of 9/11, Boeing worked toward a more efficient airplane, instead of just fast.

One of the first steps was to name the 787 – something Boeing had never done before. A contest was run and after the list was narrowed down to several finalists, Dreamliner was selected. One of the first concepts to be presented to the airlines was the composite technology. In the past, a kind of honeycomb design was used, but it proved inefficient due to water getting between the layers causing them to delaminate. Instead, a solid technique was used. Jim passed around a sample. The sailboat industry (e.g. America's Cup) was consulted for tips in this process. A slide showed how the body is one piece with the doors and windows cut out after the fuselage goes through the baking process. The wings are also made of composites, which allow them to be long, thin, flexible and still able to contain fuel.

Among the other factors contributing to the proficiency of the 787: The engines are one of two – GE or Rolls Royce. They are big with air passing along the sides and past the scalloped edge at

the rear of it. This feature reduces the sound that passengers hear inside the airplane. The 787 uses more electrical systems over all, two batteries fore and aft. One benefit is to improve cabin air pressure with more oxygen resulting in a more comfortable flight for passengers. Also electrical brakes versus the former hydraulic brakes are more efficient.

Some of the interior improvements include ambient lighting, which helps passengers adjust to time zones and creates a visually pleasing and spacious atmosphere. The windows are much larger with no pull-down shades. They are adjusted by tinting mechanisms and everyone on board has a clear view out of them. The overhead bins have a larger capacity and airlines are developing newly designed seats that provide more legroom. The configuration of coach class is usually nine across (sets of three seats with two aisles).

There are sensors in the nose of the airplane, which dampen the effect of turbulence. These sensors counteract ups and downs by adjusting flaps making for a smoother ride.

Countless tests are performed in order for certification of the airplane. First, there is structure and static testing. Jim showed time lapsed photos of wings being lifted vertically to test flexibility before they break. The wings are certified to one and a half times over the normal requirement, or 150% (a 26 ft. lift).

Fatigue test. This simulates multiple cycles, or flights, involving tugging, pressures, bending, turbulence, etc. In other words, pushing the airplane to its limits without actually flying.

Cold weather test. At a cold storage facility at Elgin AF Base in Florida, the airplane is drenched in water with the temperature reduced to minus 45 degrees.

Velocity minimum unstuck (VMU) test. Pilots carefully and briefly drag the 787's tail on the runway to determine the lowest speed needed to leave the ground.

Crosswind test. Tested in Iceland, pilots "crab" into the wind (up to 30 knots) using the rudder to point the nose of the airplane into the wind. When it is very close to the ground, the pilot aligns the airplane with the runway and touches down. Every pilot is regularly tested on this procedure.

Braking test. Pilots make two landings – one with manual brakes and one with the plane's automatic braking system. Also done with water cover-

ing the runway. Successful tests were completed even with the tires at 10% rubber and the plane moving at full speed. These tests demonstrate that the tires spin up and that the anti-skid system works as designed.

Jim discussed the past battery fire issues—the facts and fiction and how they were resolved.

Next were slides of the start to finish assembly showing the breakdown of where the various parts of the airplane are made? Just a few include Spirit Wichita (formerly Boeing Wichita), Kawasaki, Japan, Alenia, and Australia. Boeing used to build only the vertical tail rudder, but when they bought Vought, it's now the complete tail.

Also shown was a slide of the factories in Everett and South Carolina. Jim stated that ten 787s are being built each month and in 2016, the number is projected at 12 per month. By the end of the decade, the total will be 14 per month.

Some statistics: 122 787s have been shipped to 72 carriers. This model will be in service for 40 plus years. Jim repeated again - it's a great airplane. While most flights are international to date, the economics of operating this airplane allow carriers to fly new routes due to its efficiency. The Dash 9 will have more capacity and the Dash 10 even more. Each is on schedule with even more innovations for efficiency. These models will use the same two-engine design.

Strategy and the future of Boeing depend on where we spend resources and what works best. Also by looking at what the customer wants and go with it. Now and future products are far superior to Airbus. They can't compete.

Jim kept all of us enthralled with his excellent presentation. All relevant and good questions from the audience were handled thoroughly and occasionally with humor. At the end of the presentation, Aaron handed out cardboard examples of the airplane windows to show the increased size compared to former models and providing pertinent specifications. See the following website for a short video of the informative and thrilling tests mentioned above.

http://www.boeing.com/Features/2010/10/bca_787_test_limits.html

Following this fascinating presentation, Howard conducted the door prize drawing and adjourned the meeting while reminding members of the new time (11:00 am) and location for March's meeting. At-

tendees may enter the Clarion Hotel Breakfast Room at 10:45 am.

Busy Bees

by Janice Hawes

The Busy B’s are back in action again after our break. It’s always nice to see everyone and catch up on what’s happening. We have a lot of projects to work on.

At the end of the November we were able to give 5 area Food Banks a total of 872 items which included stuffed animals, dolls, and knitted and crocheted scarves and mittens, afghans, plus a few toys.

This past year we all produced a total of 634 quilts, medical dolls and baby hats. These went to Child Haven, Children’s Hospital, Veterans Hospital, Compass House, Valley Medical Center, the Pediatric Interim Center, St. Francis Hospital, Quota International, and Talbot Center for Rehabilitation and Federal Way Hospital. As you see, the Busy B’s , were very busy.

We want to thank everyone who donated dolls, fabric, and supplies to help us do our work. A special thanks to Becky Prenovost for all the stuffed animals

she collects for us. You are so appreciated! If anyone else would like to donate stuffed animals that would be great, and of course dolls of any sort are welcome. And, speaking of Becky, she just this week sent in several bags of great stuffies along with a bunch of Barbie dolls.

Thanks Becky!

Kathy Lyon gave us a big bag of baby hats last week, so thanks Kathy!!

At the January meeting I gave Zip Zuther more quilts and medical dolls to take to Children’s Hospital, along with a special stuffed bunny that Busy B Jean Derheim had made. We are so grateful for all Zip does to pick up and deliver our work to the hospital.

Our terrific maker of all things crocheted, Estelle Mead, sent in more of her wonderful work. She said she’s a little tired of making hats, scarves, and mittens and wants to just make afghans, which is just fine with us, as we take them to nursing homes. If anyone else would like to crochet mittens, etc. we would certainly welcome them.

Volunteer Opportunities *Submitted by Maybelle Brickley, Bluebill Volunteer Coordinator*



Puget Sound Blood Center

research | medicine | blood & tissue services

Volunteer Positions

Administrative Assistant
Purpose: Assist with clerical tasks in various Blood Center department and locations.
Responsibilities: <ul style="list-style-type: none"> • Varied tasks which can include: filing, preparing mailings, and data entry • Some communication with the public and/or phone calling on an as-needed basis.
Qualifications: A desire to help and willing to work as part of a team or independently. Some computer skills may be required. Qualifications may differ depending on specific regional needs.
Commitment: Flexible days and times are available, depending on current openings and needs in your region. A completed background check is required for this position.
Training: Varies per task.

Bone Marrow Screener

Purpose:

Screen applications and assist in completing registration process of those wanting to join the Be The Match Registry at bone marrow recruitment events throughout the region.

Responsibilities:

Volunteer marrow screeners support blood and marrow drives, screen applications and collect swabs from donors. Play a vital role in educating the community about the need for an ethnically diverse donor registry. Maintain annual updated training status.

Qualifications:

A desire to help, excellent communication skills, detail oriented, comfortable talking with people of diverse ethnic backgrounds. Able to maintain a knowledgeable, pleasant, and outgoing attitude.

Commitment:

Flexible days and times are available, depending on current openings and needs in your region. A completed background check is required for this position.

Training: One training session required.

Volunteer Caller (Bellevue Office)

Purpose:

To remind donors of their appointment times for blood donation at centers and on mobiles.

Responsibilities:

Greet donors on the phone. Remind donors of their appointment, take note of any scheduling changes, and re-schedule appointments. This position is only available at our Bellevue donation site.

Qualifications:

A desire to help, the ability to learn and use a predictive dialer (computerized calling system), the ability to communicate with donors in a clear, concise, and pleasant voice. Must be able to use basic, windows-based, computer programs.

Time Commitment:

Work 2-4 shifts monthly, either weekday morning (9am – Noon) or afternoon (1pm – 4pm) This position requires a minimum commitment of 3 months.

Training:

Blood Drive Promotions Volunteer

Purpose:

Increase participation at community blood drives by managing the placement of promotional a-frame signs in the community.

Responsibilities:

- Transport and post accurate signs and blood drive information at pre-determined community sites.
- Remove signs following blood drives.
- Communicate regularly with Donor Representatives regarding blood drive dates, locations, and signage needs.

Qualifications:

A desire to help, ability to communicate accurately with Blood Center staff on a regular basis. Must be able to lift a-frame signs weighing roughly 13 pounds and to accomplish projects independently.

Commitment:

Flexible days and times are available, depending on current openings and needs in your region. A completed background check is required for this position.

Training: One training session required.

Donor Monitor

Purpose:

Monitor blood donor safety following donation.
Provide a positive, customer-service oriented environment.

Responsibilities:

- Observe donors for adverse reactions following the donation process
- Serve refreshments necessary for the replacement of vital body fluids
- Rebook blood donors for next donation appointment
- Alert staff immediately if reactions occur
- Maintain a pleasant and comfortable atmosphere for donors
- Maintain annual updated training status.

Qualifications:

A desire to help and excellent communication skills required. Must be dependable, friendly, attentive, and enjoy people. Mobility necessary in order to serve refreshments.

Commitment:

Flexible days and times are available, depending on current openings and needs in your region. A completed background check is required for this position.

Training: One training session required. Can be scheduled to happen during first shift.

Volunteer Courier
Purpose: Transport blood and blood products safely and on time, using a Blood Center vehicle.
Responsibilities: Pick up and deliver product. Use log to meet chain of custody requirements. Adhere to our safety policy.
Qualifications: Highly reliable and trustworthy, 21 years and older, valid driver's license with decent driving record, ability to lift up to 60 lbs.
Commitment: Regular shifts are available, but substitute couriers are needed as well. Positions open morning, afternoon, and evening.
Training: Train with another volunteer at least twice. Take blood borne pathogen training and defensive driving course (both offered by Blood Center).

Donor Registration
Purpose: Greet and register volunteer blood donors using a desktop or laptop computer and equipment. Maintain a professional, welcoming attitude
Responsibilities: <ul style="list-style-type: none"> • Greet donors at Donor Centers and/or mobile sites. • Identify, verify, retrieve, and record accurate information to register donors using a computer program. • Manage donor appointments at check-in • Maintain annual updated training status or competency assessment, and intermittent online updates. • At Donor Centers, answer phone calls, make referrals and give basic directions. •
Qualifications: <ul style="list-style-type: none"> • Excellent customer services and communication skills • A desire to help. • Ability to record accurate information using a computer keyboard • Ability to provide clear direction to donors is necessary. • Dependability • Attention to detail and accuracy are essential. • A working and accessible email address is required to remain current in this position.
Commitment: <ul style="list-style-type: none"> • Flexible days and times are available, depending on current openings and needs in your region. • This position requires a commitment of a minimum of one shift or practice session (3-6 hours) per month to maintain current status. • A completed background check is required for this position.
Training: Training typically takes three sessions to complete.

Calendar of Events 2014

Mar 13 Heritage Leadership Meeting

Mar 28 Chapter Monthly Meeting

Apr 10 Heritage Leadership Meeting

Apr 25 Chapter Monthly Meeting

May 15 Heritage Leadership Meeting

May 30 Chapter Monthly Meeting

Jun 12 Heritage Leadership Meeting

Jun 27 Chapter Monthly Meeting

Jul 10 Heritage Leadership Meeting

Jul 25 Chapter Monthly Meeting

Aug 14 Heritage Leadership Meeting

Aug 22 Chapter Picnic

Sep 11 Heritage Leadership Meeting

Sep 26 Chapter Monthly Meeting

Oct 16 Heritage Leadership Meeting

Oct 31 Chapter Monthly Meeting

Nov 13 Heritage Leadership Meeting

Nov 21 Chapter Monthly Meeting

Dec 11 Heritage Leadership Meeting

Dec 19 Chapter Monthly Meeting

Dec 20 Chapter Monthly Meeting

Bluebills - Heritage Chapter

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Food Bank Schedule For 2014

Bring a non-perishable food item to monthly meetings to be given to a different food bank each month.

Month	Location	Person
March	Federal Way	Jim & Bambi Lee
April	Maple Valley	Vaughn's
May	Kent	Bob Stubbs
June	Auburn	Lonnie Stevenson
July	West Seattle	Marian Herrin
August	Tacoma	Ted & Judy Leyden
September	Renton	Bob Lambert
October	White Center	Eileen Bear
November	Issaquah	Eleanor Skinner
December	Des Moines	Dave & Mary Frantz
January	Highline	Marian Herrin

Bluebills Heritage Chapter Meeting

Clarion Hotel
3700 East Valley Road
Renton, WA

March 28, 2014

Social: 10:45 to 11:00 AM Meeting starts at 11:00 AM

Speaker: Warren King George, Muckleshoot Tribal Historian

Topic: "The Muckleshoot's Tribal History "

Bring a non-perishable food item to monthly meetings to be given to a different food bank each month

Please Note:

The Bluebills monthly meetings for February through April will be held at the Clarion Hotel at 3700 E Valley Road, Renton, WA. Directly across the road from Downtown Harley Davidson. Please enter the Hotel through the main lobby.

We meet in the Breakfast room on the main floor.

The Meeting begins at 11:00AM. **PLEASE DO NOT ENTER the HOTEL PRIOR TO 10:45AM.**

Bluebills Monthly Volunteer Hours

Volunteer Name _____

Phone Number _____

_____ **Hours worked** _____ For _____
(month/year) (agency name)

_____ **Hours worked** _____ For _____
(month/year) (agency name)

_____ **Hours worked** _____ For _____
(month/year) (agency name)

Please send completed hours form to Bluebills, PO Box 3707 2T-04, Seattle, WA 98124

Email to bluebills@boeing.com or bring to Bluebills monthly meeting



From the north take Highway 167 south to the SW 43rd St exit, turn right on SW 43rd St to the E Valley Rd and turn right, go north to Clarion Hotel. From the south go north on Highway 167 take the SW 43rd St exit and turn left back over the freeway to the E Valley Rd and turn right, go north to Clarion Hotel. The meeting is in the Clarion Hotel Breakfast room 1st floor. Signs are posted directing you to the Breakfast (meeting) room.

