



Pioneers of Stealth



Business Meeting
Northeast Harbor ME
10 September 2011



Pioneers of Stealth



Agenda

- Introduction/Organization
 - Introduction of New officers
- Officer and Committee reports
- Business
 - Charter review
 - Next Re-union
- Member topics/discussion



Pioneers of Stealth



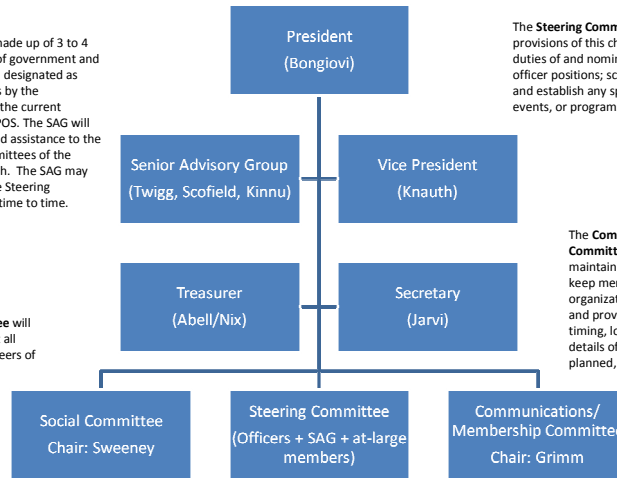
Current Officers and Chairs (2008 – 2011)

The **SAG** will be made up of 3 to 4 members (a mix of government and industry) who are designated as Principal Pioneers by the membership and the current President of the POS. The SAG will provide advice and assistance to the officers and committees of the Pioneers of Stealth. The SAG may participate on the Steering Committee from time to time.

The **Social Committee** will oversee and support all reunions of the Pioneers of Stealth.

The **Steering Committee** will maintain the provisions of this charter; define the duties of and nominate candidates for the officer positions; schedule POS reunions, and establish any special recognitions, events, or programs.

The **Communications/Membership Committee** will establish and maintain the membership roster, keep members informed of all POS organization and member news, and provide to the members the timing, location and other salient details of reunions as they are planned, organized and conducted.



Pioneers of Stealth



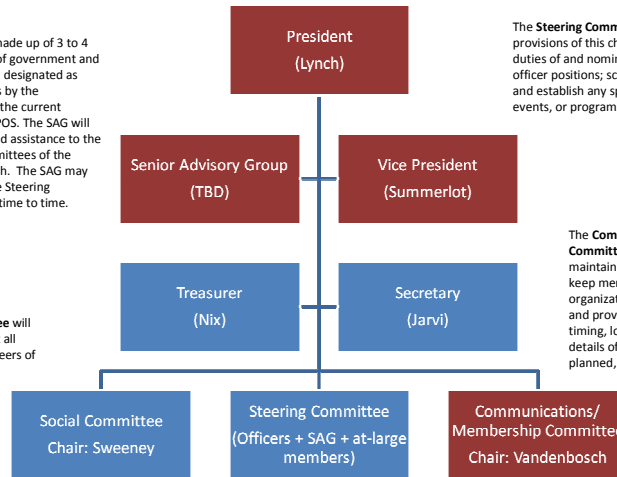
New Officers and Chairs (2011)

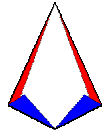
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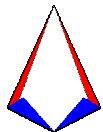
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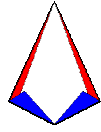


Officer and Committee Reports



VP Duties

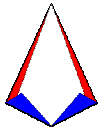
- Be prepared to assume the duties and responsibilities of the president whenever necessary...
- Advise/Assist the president as requested...
- Assist the other officers, committees and SAG as requested...
- "Utility Infielder"



VP Activities

(since Oct 2009 reunion)

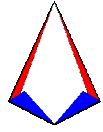
- **The “Lost” History:** Has been definitely located in the SAF Office; has been promised to us and is undergoing final, pre-release reviews under Dick Scofield’s watchful eye... POS considering hiring a professional writer to assess feasibility of producing a useful, worthwhile document of historic value...
- **Carve Out/Streamlined Management Benefits/“Lessons Learned” Study:** Intended to determine if any of the COSM methods we used could save today’s development programs time, money, headcount...
 - Status: Polling of POS membership for actual past examples of Senior High COSM advantages that might apply today has been put on hold pending further discussion by the membership...
- **AK Effort & Vehicle:** POS has been advised it might be possible to declassify enough of AK’s effort and vehicle to permit a display at the USAF Museum at W-P AFB within the next two years...
- **Film -to-Video Project:** Classified films from various Senior High programs, including early tests, has been located and is being reviewed for the POS by a SAF-level consultant for possible declassification and release...



Treasurer’s Report (1 of 2)

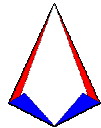
Cash Flow Since Transfer from Abel to Nix (Sep 2010)

- **Cash at Transfer**
 - \$8,383.13 (Previous Donations, Excess from Reunions, Sales of items, etc.)
- **Receipts To Date**
 - \$2,191.50 (Dues + Contributions + Interest on Account)
- **Disbursements to Date**
 - \$370.00 (Memorials and Remembrances)
- **Current Cash on Hand**
 - \$10,204.63



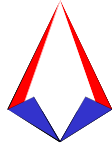
Treasurer's Report (2 of 2)

- Projected Cash Flow
 - Pending Disbursements
 - ~\$2,100.00 Hospitality Social, Honorariums, Meals
 - Pending Income
 - Subject to Membership Dues Discussion
- Projected Funds Status as of Sept 2011
 - \$8,104.63



Secretary Duties

- Maintain Pioneers of Stealth Records
- Maintain Archive for Reunion Records, Photos, Documents
- Work to establish and maintain a permanent Archive location
 - Permanent archive available to researchers
- *Future*: collect, maintain, and share with MUSAF general POS artifacts



Secretary's Activities

Since Oct 2009 Reunion

- Maintained the records of telephonic meetings
- Worked with the National Aviation Hall of Fame
 - Drafted Milt Caniff Spirit of Aviation Award
- Archive of POS materials and documents, photos with Wright State University Library Archives
 - Skip Hickey, Tim Sweeney and I met with WSU
 - Permits public access
 - Permits POS members to access



Pioneers of Stealth



Membership-Communication Committee

- The Membership-Communication Committee maintains the membership roster, sends out newsletters, updates the website, and provides communications for current and potential members. The committee includes individuals from industry and government to maintain contact with as many members as possible.
- <http://www.pioneersofstealth.org/>

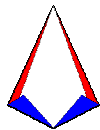


Pioneers of Stealth



Membership-Communication Committee

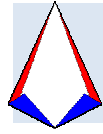
- Identifies the best means to keep the membership informed on timing, location, and other salient details of reunions as they are planned, organized, and conducted.
- Primary functions.
 - Membership roster
 - Newsletter
 - Pioneer of Stealth website
 - Ambassadors for the Pioneers of Stealth.
- Strives to send two e-mail newsletters each year.
- Receives a listing of members along with updates from the treasurer.
- Prepares and submit a planning budget each year in November for the following year. The budget will include computer, software, internet, and resource support requirements



Membership-Communications

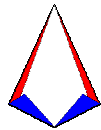
Jerry Vanden Bosch –
New Chair
Ralph Grimm –
Past Chair
Lynn Brucker
Robert Gilmore
George Grant
Skip Hickey
Ray Koester
Paul Martin
Patrick Saatzer
Jim Uphold

The Communications Committee put out a call for volunteers to serve on the team and to be ambassadors for the Pioneers of Stealth. The voluntary team members include both industry and government representation. These individuals are the direct ties to the organizations they represented ten to thirty years ago and are some of the key developers of Stealth vehicles.



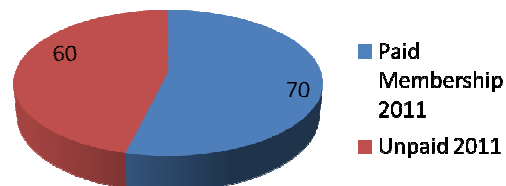
POS Roster

- 130 Official Members on Treasurers List
- 39 New Members Since October 2009
- “OLD” Roster ~ 2005(prior to dues)
 - ~500 Names
 - ~300 e-mail addresses
 - ~100 Returns each mailing
 - Current mailings ~ 5 returns/ mailing
- POS Website - Members Only
 - Username is: **XXXXxxxxx**
 - Password is: **XXNNXXNNXXNN**



Dues

- **REMINDER**
 - All new members need to complete Application
 - Dues paying and Associates
 - All 2011 dues (\$25) are payable to the Treasurer (John B. Nix, Jr).





Pioneers of Stealth



- 2011 Election for President and Vice President
- 5 Candidates
- 84 Voters (65%)

Pioneers of Stealth (POS) Dues Paying Membership

POS Proprietary

September 2011



Abell, Eric [Rick]
 Allswede, Kerry
 Atkinson, Doug
 Avila, Walter
 Baker, Bob [Robert]
 Baker, Vincent
 Bates, Ron
 Bell, Ron
 Bepko, Stephen
 Berg, Donald
 Biancalana, Marty
 Bongiovi, Rob
 Bowlds, Ted
 Brown, Alan C.
 Brown, Allen H.
 Brucker, Lynn
 Campbell, J.J.
 Campinile, Frank
 Carrier, Lou
 Carter, Carl
 Carter, Larry
 Cashen, John
 Christensen, Roger
 Coates, Jim
 Copelano, Kent
 Cusimano, George
 Darner, Tom
 DeStout, Jim
 Dougherty, Doc

Duke, Arthur A.
 Easton, James
 Elrod, Bernard
 English, Errol
 Farley, Hal [Harold]
 Gibson, Woodrow N.
 Gilmore, Bob
 Glenn, Keith
 Gordon, Jack
 Gore, Jerry
 Graham, Gary
 Grant, George
 Graves, Hal
 Green, Fred
 Griffin, John
 Grimm, Ralph
 Hanrahan, Brian
 Hickey, Skip [Herbert]
 Hill, Greg
 Hites, Daniel
 Hogarty, James
 Jackson, Sandi
 Jackson, Tom
 Jarvi, Dennis
 Kaminski, Paul
 Kinnu, Jim
 Knauth, Pete
 Koester, Raymond
 Kugel, Dan

Laden, Sam
 LeBlanc, Robert
 Levy, Al
 Luippold, David
 Loschke, Bob
 Lovick, Edward Jr.
 Lovick, Sherre
 Lynch, Dave
 Lyvers, Joesph
 Martin, Paul
 Maunder, Dave
 McGirr, Page
 Mentzer, Carl
 Merkel, Don [Eldred]
 Middendorf, John
 Mitzner, Kenneth
 Morganfield, Tom
 Moyes, Tom
 Mullin, Sherman
 Murphy, Bob
 Myers, Larry
 Newman, Don
 Nix, Tack [John]
 Olson, Theodore
 Oshiro, Fred
 Patton, Bob
 Pearson, Jack
 Phillips, Russ
 Pomroy, Ron

Reiman, Joseph A.
 Roselius, Dave
 Saatzer, Pat
 Sancer, Maurice
 Sandusky, Bob
 Scherrer, Richard
 Schimmel, Robert
 Schrader, Steve
 Scofield, Dick
 Shingledecker, David
 Simcox, Larry
 Smith, Colin A.
 Smith, Erich
 Smith, Stephen R.
 Soucy, Phillip
 Stephan, Pete
 Strickland, Ted [Theodore]
 Summerlot, John
 Sweeney, Tim
 Tackett, Dennis
 Testerman, David
 Twigg, Jack
 Uhrir, Donald
 Uphold, Jim
 Utt, Edwin
 Vanden Bosch, Jerry [Gerald]
 Waaland, Irv
 Watts, Edward N Jr.

POS Proprietary

Note From E. Lovick

- Hi Ralph,
I have written and published a book in which I and my wife Sherre described some of our experiences during our work as stealth engineers in the Lockheed "Skunk Works". It is titled "Radar Man" and is available from Amazon in hard cover and paper back forms and soon may be available in audio (CD) and e-book formats.

Ed Lovick

Note from Dr Collins

All,

I'd like to throw out an idea. I've discussed portions of this with some of you in the past, but would like to more formally request your help. I'm teaching the annual RCS capstone course again this quarter. This is a combination of lecture and laboratory time designed to tie together all the theoretical material the LO students have been studying for the past 3 quarters. As such, I like to bring in some of the more "practical" considerations in RCS analysis, measurement, and reduction. The course is strictly US military and taught at up to a SECRET collateral classification. I would like to bring in a bit more of the history to provide some context for the students. I thought of the last short course and museum tour. While I do have some of the videos from that time, they are not the best quality and have some missing interviews. So here's the idea/request...

I would like to recreate the tour for the students (there are 7 students - several who are coming to RYS). My proposal would be to meet at the museum and spend 1-2 hours visiting the various aircraft of interest. I'd like each of you to talk a little about the subject aircraft from an historical perspective at an unclassified level. I will record the videos as before and have you all review them before creating an FOUO DVD for future classes. My goal will be to make this as painless (i.e. little time investment) on your part as possible. The formal lecture times for the class follow, but we can work around your mutual schedules. Also if there is someone else you feel would be a good candidate to participate, please pass on my invitation.

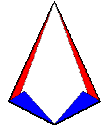
Thank you for considering this opportunity to influence the next LO engineers!

The normal offering for this course is Jun-Sep each year. It would be wonderful if you could participate or perhaps recommend others. All of these officer students go directly into the community and would benefit greatly from your experience. Please feel free to contact me with questions or ideas.

v/r,

Peter Collins
Associate Professor of Electrical Engineering
Air Force Institute of Technology
(937) 255-3636 ext. 7256

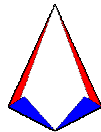
Let Ralph Grimm know if you would like to participate. Provide name, area of expertise and contact information. He will provide information to Dr. Collins.



Social Committee

At your service

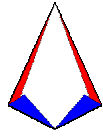
- **Oversee and support all reunions of the Pioneers of Stealth**
 - Three full-time members (at least one from contractor and government side)
 - Staggered term of not more than 3 years, chair is most senior member
- **Facilitate the planning and execution of each bi-annual reunion as needed**
 - Assisted 2007 reunion by conducting a last minute rounding up of potential attendees (Dave Lynch did a fine job on that event)
 - Assisted 2009 with name tags and moral support (Jerry Vanden Bosch did well on his own)



Social Committee

At your service

- **Membership (current--all provisional):**
 - Tim Sweeney (chair) and Jim Kinnu
- **Participants:**
 - Ad Hoc: Skip Hickey and John Griffin
 - Others: Ralph Grimm and Lynn Brucker



Business

- Charter review and revision
- Next Reunion: who, when, where?



Pioneers of Stealth



POS Charter Review

- Time to review and re-affirm Charter approved at Nov 2007 Business Meeting
- Consider proposed changes:
 - Dues
 - Election of officers
 - Senior Advisory Group
 - Reunion Schedule



Pioneers of Stealth



Charter November 2007 (1 of 4)

- **“Purpose.** The purpose of the Pioneers of Stealth organization is to perpetuate the spirit and achievements of a relatively small number of government and industry people in the early days of low observables technology and development.....**Maintaining this social relationship is extremely important and a primary objective of this organization.”**



Pioneers of Stealth



Charter November 2007 (2 of 4)

Membership: Membership in the Pioneers of Stealth organization is limited to all government and industry employees who were involved in the planning and execution of the low observable programs managed under the then Aeronautical Systems Division’s Special Projects Office (subsequently ASD/XRJ) *prior to December 17, 1993*, the date of the first operational B-2 bomber to Whiteman AFB, MO, on the 90th anniversary of the Wright Brothers first flight.

- **Dues. (Current)** Membership dues will be \$25.00 per year. Individuals desiring to continue as members (or those desiring to become new members) must provide an indication of their association with the ASD low observable programs prior to December 17, 1993, a current mailing and e-mail address, a phone number and a check for \$25.00 to the Pioneers of Stealth Treasurer.
- **(Proposed) New Members.** Individuals desiring to become new members must provide an indication of their association with the ASD low observable programs prior to December 17, 1993; a current mailing and e-mail address and phone number; *and an initiation fee of \$50.00*



Pioneers of Stealth



Charter November 2007 (3 of 4)

- **Officers. (Current)** The officers will be President, Vice President, Secretary and Treasurer. Officers will be elected by the membership at each reunion.
- **Officers. (Proposed)** The officers will be President, Vice President, Secretary and Treasurer. Officers will be elected by the membership *prior to every other reunion or not more than every four years.*
- **Senior Advisory Group (SAG). (Current)** The SAG will be made up of 3 to 4 members (a mix of government and industry) who are designated as Principal Pioneers by the membership and the current President of the POS.....
- **Senior Advisory Group (SAG). (Proposed)** The SAG will be *made up of members* (a mix of government and industry) who are designated as Principal Pioneers by the membership and the current President of the POS. *The past President and Vice President will automatically become members of the SAG upon completion of their term.....*

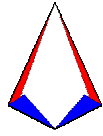


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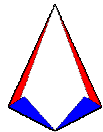
Charter November 2007 (4 of 4)

- **Reunions: (Current)**Reunions shall be planned and conducted every 2 to 3 years at selected locations within the continental United States with the intent of sustaining current friendships and camaraderie. Potential locations, leads, and the approximate schedule for the next reunion will be determined at the conclusion of the previous reunion....
- **Reunions: (Proposed)**Reunions shall be planned and conducted *every other year* at selected locations within the continental United States with the intent of sustaining current friendships and camaraderie. Potential locations, leads, and the approximate schedule for the next reunion will be determined at the conclusion of the previous reunion.....



Pioneers of Stealth Reunion 2013

- Next event needs a location and local host
 - Members make recommendations
 - Officers implement or direct the Social Committee to implement a selection process
- After membership decision on above, the Social Committee is the resource to support successful execution as needed



Open to the Members

- Questions
- Comments/suggestions
- Topics for the Executive Committee, SAG, and/or future re-unions

Back-up

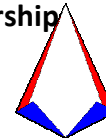
Pioneers of Stealth (POS) Dues Paying Membership Sep 11

POS Proprietary

- Abell, Eric (Rick) (Beverly)
- Allswede, Kerry (Joanne)
- Atkinson, Doug (Laura)
- Avila, Walter (Susan)
- Baker, Robert (Marilyn)
- Baker, Vincent (Mary)
- Bates, Ron (Lorraine)
- Bell, Ron (Maureen)
- Bepko, Stephen (Lee)
- Berg, Donald (Mary)
- Biancalana, Marty (Jan)
- Bongiovi, Rob (Betty)
- Bowlds, Ted (Maria)
- Brown, Alan C (Gwen)
- Brown, Allen H.
- Brucker, Lynn (Roger)
- Campbell, J.J. (Alice Marie)
- Campinile, Frank (Kay)
- Carrier, Lou (Martha)
- Carter, Carl (Sandy)
- Carter, Larry (Jean)
- Cashen, John
- Christensen, Roger (Brenda)
- Coates, Jim (Pat)
- Copeland, Kent (Nancy)
- Cusimano, George (Linda)
- Darnier, Tom (Patty)
- DeStout, Jim (Betty)
- Dougherty, Doc (Llewellyn) (Stephanie)
- Duke, Arthur A (Judy)
- Easton, James (Meg)
- Elrodt, Bernard (Mary)
- English, Errol (Debbie)
- Farley, Hal [Harold] (Sally)
- Gibson, Woodrow N (Johnney)
- Gilmore, Bob (N/A)

- Glenn, Keith (Joyce)
- Gordon, Jack (Linda)
- Gore, Jerry (Lori)
- Graham, Gary (Susan Baumgarten)
- Grant, George (Ger)
- Graves, Hal (Tracey)
- Green, Fred (Karen)
- Griffin, John (Barbara)
- Grimm, Ralph (Esther)
- Hamrillan, Brian (Christine)
- Hickey, Skip (Herbert) (Janet)
- Hill, Greg (Deborah)
- Hites, Daniel (Gayle)
- Hogarty, James (Stacey)
- Jackson, Sand (Thomas)
- Jackson, Tom (Sandra)
- Jarvi, Dennis (Rebecca)
- Kaminski, Paul (Julie)
- Kinnu, Jim (Joyce)
- Knauth, Pete (Robin)
- Koester, Raymond (Catherine)
- Kugel, Dan (Karen)
- Laden, Sam (Mary Lou)
- LeBlanc, Robert (Mary Kay)
- Levy, Al (Michelle Andress)
- Liupplod, David (N/A)
- Loschke, Bob (Karen)
- Lovuck, Edward Jr (Sherre)
- Lovick, Sherre (Edward)

- Lynch, Dave (Judy)
- Lyvers, Joseph (Marsha)
- Martin, Paul (Christine)
- Maunder, Dave (Marlene)
- McGirr, Page (Mary)
- Mentzer, Carl (Carol)
- Merkel, Don (Eldred) (N/A)
- Middendorf, John (Jeannie)
- Mitzner, Kenneth (Ruth)
- Morganfield, Tom (Norma)
- Moyes, Tom (Martha)
- Mullin, Sherman (Judia)
- Murphy, Bob (Maryjane)
- Myers, Larry (Carol)
- Newman, Don (Charlyn)
- Nix, Tack (Laura)
- Olson, Theodore (Mary Ann)
- Oshiro, Fred (Amy)
- Patton, Bob (Jo Ann)
- Pearson, Jack (Rebecca)
- Phillips, Russ (Lorraine)
- Pomroy, Ron (Peggy)
- Reiman, Joseph A (Beverly)
- Rettberg, John (Jackie)
- Roselius, Dave (Suzanne)
- Saatzer, Pat (Mary)
- Sancer, Maurice (Diane)
- Sandusky, Bob (Marcia)
- Schimmel, Robert (Judith)
- Schrader, Steve (Patricia)



- Scofield, Dick (Connie)
- Shingledecker, David (Regina)
- Simcox, Larry (Barbara)
- Smith, Colin A (Nancy)
- Smith, Erich (Cynthia)
- Smith, Stephen R. (Margaret)
- Soucy, Philip (NA)
- Stephan, Pete (Kathy)
- Strickland, Theodore (Ruth)
- Summerlot, John (Deborah)
- Sweeney, Tim (Jan)
- Tackett, Dennis (Chris)
- Testerman, David (Karen)
- Twigg, Jack (Mary Lou)Hil
- Uhlir, Donald (NA)
- Uphold, Jim (Ruth)
- Utt, Edwin (Robbin)
- Vanden Bosch, Gerald (Carolyn)
- Waaland, Irv (Kay Williams)
- Watts, Edward N Jr. (Linda Randal)
- Weichman, Aain J (Donna)
- Wilson Mark K (Kathleen)
- Wilson, Jack (Sharon)
- Wilt, J. Christopher (Mary Jo)
- Wulf, Robert (Kathleen)
- Zakanycz, Stephen (Barbara)
- George Zielsdorf (Barbara)

POS Proprietary