

Northwest Florida Aerospace Education Teacher's Workshop

After Action Report

November 12, 2003

SUMMARY: Congressman Jeff Miller (Florida District 1), the 16th Special Operations Wing (16th SOW), the USAF Special Operations School (USAFSOS), B3H Corporation, Boeing, Santa Rosa County Schools, Okaloosa County Schools, Escambia County Schools, and the Air Force Association (AFA) Hurlburt Chapter #398 jointly sponsored the first Northwest Florida Aerospace Education Teacher's Workshop at Hurlburt Field FL on Saturday, November 1, 2003 at Hurlburt Field FL. The objective was to rally Northwest Florida educators to Hurlburt Field to show them the wealth of aerospace education opportunities and resources available locally to interact with their classroom programs, identify specific requirements for aerospace education in Northwest Florida, and discuss a Aviation and Space Camp for local children at Hurlburt. This event was our first attempt at an Aerospace Education Teacher's Workshop. It was a success and we intend to repeat this event in the future. Forty-nine teachers from the three sponsoring school districts participated in the workshop. Each teacher paid a \$40.00 conference fee that the Hurlburt Chapter #398 applied to a one-year Air Force Association membership, beverages, lunches, and printing. Volunteers from the, 16th SOW, USAFSOS, Lockheed Martin Corporation, school districts, and AFA Hurlburt Chapter #398 combined their effort with guest speakers and panelists to execute a very ambitious agenda. The workshop combined the effort of the Hurlburt Chapter #398's five constituencies which are elected officials, military, educators, industry, and general members. Key to success was the dedication of four teachers who played a prominent role in creating the vision, formulating the plan, producing curriculum materials, and then executing the plan to achieve their vision. These four aerospace educators are Ms. Jeri Ann Martin, Ms. Glenn Rutland, Mr. Tildon Chavers, and Ms. Angelica Jackson. Especially significant is recognition of the fact that our military members are at war and the Hurlburt people are on the very forefront of the global war on terrorism. Despite this overwhelming commitment to our security, our military hosts graciously took the time to open their workplace on a Saturday and provide our group an absolutely outstanding tour. The members of Hurlburt Chapter #398 salute the people of Hurlburt Field. We could not be more proud or thankful. We submit the following after action report to capture lessons learned for application to future workshops.



Congressman Jeff Miller's Letter (Attachment 1): Congressman Jeff Miller (1st District Florida) sponsored this event and provided support through his letter at Attachment 1. Each teacher received a three-ring binder seminar book with a copy of this letter as the first entry.

"Giving Angels Wings" Certificate (Attachment 2): Each teacher received a "Giving Angels Wings" certificate of completion signed by Jeff Miller and their Superintendent.

Northwest Florida Aerospace Education Teacher's Workshop Agenda (Attachment 3):

Teachers and AFA Hurlburt committee members formulated this agenda through a series of meetings. The objective was to show educators the wealth of aerospace education opportunities and resources available locally to interact with their classroom programs, identify specific classroom requirements for aerospace education, and discuss an Aviation and Space Camp for local children at Hurlburt. This event would open better communications between all aerospace education providers, customers, and stakeholders and form the foundation for future collaboration and sharing. The agenda included both morning and afternoon sessions. The morning session included the flight line static display and simulator tours hosted by the 16th SOW. The USAF Special Operations School hosted lunch and the afternoon sessions. The afternoon session included National-level guest speakers, a Round Table discussion of local programs, and an in-service on aerospace education curriculum development. Guest speakers included Mr. Boyd Anderson, Chairman of the Board of Trustees, Aerospace Education Foundation (AEF), Ms. Mary Anne Thompson, President, AEF, Ms. Judith Rice, Director of Education, Civil Air Patrol, and Ms. Angela Utter, National Education Manager, USA Today (Visions of Exploration). Round table panelists included Mr. Bob Gaskin who discussed the Emerald Coast Science Center; Mr. Ralph Ley who spoke on Aviation Weather; Dr. Magsood Mohammed talked about the Department of Energy Science Bowl competition; Mr. David Loar discussed the Eastern Panhandle Regional Science Fair; and Lt Col Keith Wise talked about Air Force Junior Reserve Officer Training Corps programs. Jeri Ann Martin briefed on NASA programs while Tildon Chavers (high school), Glenn Rutland (middle school), and Angelica Jackson (elementary school) discussing their curriculum initiatives. Each teacher received handouts, information sheets, and sample courseware materials from many sources to take back to their classrooms. These course ware samples included NASA's Project MASCOT kits, "Wright Brothers, Bicycles to Airplanes" packages, "Air Force 50th Anniversary" history books, "Learning to Fly: The Wright Brothers Adventure," "Centennial of Flight" packages, Estes rockets, and CV-22 posters. All speakers provided handouts for their topics.

Northwest Florida Aerospace Education Teacher's Workshop Participants (Attachment 4) This activity included all five Hurlburt Chapter #398 constituencies and all Aerospace Education Foundation partners for aerospace education. The five AFA constituencies included elected officials, military, educators, industry, and general membership. The AEF partners for aerospace education included the Civil Air Patrol, USA Today, and NASA. Three Northwest Florida AFA chapters (e.g., Hurlburt, Eglin, and Pensacola) participated. The Gulf Breeze High School Junior ROTC detachment supported this event by providing check-in, crowd control, and clean-up services. The cadets also participated in the flight line static display and simulator tours. B3H Corporation and Boeing are Hurlburt Chapter #398 Community Partners who each generously contributed \$500.00 to support the workshop. Ten Lockheed Martin volunteers supported this event as simulator instructors and technicians. Teledyne Brown Engineering and JE Sverdrup are also community partners who contributed mementos for each teacher. The USAF Special Operations School commander and staff graciously opened their facility for the entire Saturday and hosted this event in their workplace. The 19th SOS commander and staff provided briefings and tours of their outstanding facilities. The 16th SOW maintenance and aircrews reported for duty on Saturday, prepared the flight line static display, and stood by their aircraft to facilitate a safe and professional tour and answer questions. National-level speakers from AEF, CAP, and USA Today provided outstanding support and also participated in the flight line static display and simulator tours.

Northwest Florida Aerospace Education Teacher's Workshop Evaluations (Attachment 5)

Each teacher received a critique form in their seminar book. The critique form provided grading criteria for each of the thirteen primary activities on the workshop agenda. Each of the thirteen primary activities was graded "Excellent," "Good," "Fair," "Poor," or "Not Applicable" for the quality of the information given and the usefulness of this information in teacher's classroom. To qualify for a door prize, each teacher had to complete their critique. At the end of the workshop we collect forty-five critiques. Jeri Ann Martin compiled "Critique Statistics" and "Critique Comments." The percentage scores are based upon the number of scores in each area divided by the total number of critiques which is forty-five. We did not perform any additional analysis beyond compiling the raw scores and computing percentage values.

Northwest Florida Aerospace Education Teacher's Workshop USAF Special Operations School Operations Plan (Attachment 6)

The USAFSOS is simply an ideal venue for any ambitious education activity. The USAFSOS facility includes very comfortable classroom and meeting areas, state-of-the-art audiovisuals, optimized lighting and acoustics, instructor support, break areas, and a very professional and supportive staff. Our thanks to the USAFSOS staff for their help in configuring and operating their excellent facility so instrumental to the great success of the workshop. A very special thanks to Col Mike Damron, Lt Col Ned Calvert, and Mr. Mike Grimm who gave up their Saturday to provide valuable support and host this event.

Northwest Florida Aerospace Education Teacher's Workshop USAF 19th SOS Operations Plan (Attachment 7)

The 19th SOS is the simulator training facility for the 16th SOW and provided an absolutely outstanding presentation of their capabilities and facilities to all workshop participants including our National partners, cadets, and teachers. The tour group received a mass briefing in the operations center from the 19th SOS commander and then divided into smaller groups to tour the facility and each weapon system trainer. The 19th SOS hosted two tour groups of 34 visitors in each group. The comments and critiques for this visit were unanimous in their praise for the professionalism displayed by military and contractor hosts. The pride of the 19th SOS showed through! Our thanks to the 19th SOS staff for their help in configuring and operating their excellent facility so instrumental to the great success of the workshop. A very special thanks to Lt Col Mike Plehn, Maj Mike Pettit, Capt Ian Marr, MSgt Mark Zahn, Mr. David Loar, Mr. Clark Lee, Mr. Angelo Pearson, Mr. Mike Poddubny, Mr. Glenn Knight, Mr. Mitchell Hernandez, Mr. Mike Spence, Mr. Billy Taylor, Mr. Bernie Frakes, Mr. Gary Collins, Mr. Scott Moore, and Mr. Harry Harrison who gave up their Saturday to provide valuable support and host this event.

Northwest Florida Aerospace Education Teacher's Workshop 16th SOW Flight Static Display Operations Plan (Attachment 8)

The 16th SOW also provided a flight static display tour of the AC-130H Spectre Gunship, MC-130H Talon II, and MH-53M Pave Low IV aircraft to all workshop participants including our National partners, cadets, and teachers. Maintenance and aircrew members towed the aircraft to specific parking areas, configured the aircraft for display, and stood by to provide support, briefings, and answer questions. The 16th SOW hosted two tour groups of 34 visitors in each group. The comments and critiques for this visit were unanimous in their praise for the professionalism displayed by military and contractor hosts. Many visitors remarked how impressed they were by the passion displayed by their military hosts for their aircraft and work. Our thanks to the 16th SOW staff for their work in coordinating and executing this great tour. Special thanks to Capt Todd Ackerman, TSgt Don Prescott, and SSgt Emmanuel Jimenez of

the 20th Special Operations Squadron; Capt Derry McKinney and TSgt Jeff Barnes of the 15th Special Operations Squadron; Capt Chad Pete, SSgt Terry Boom, and A1C Stephen Defran of the 16th Special Operations Squadron; and Lt Gabriel Johnson of 16th SOW Public Affairs. We are truly grateful for their service and support.

Northwest Florida Aerospace Education Teacher's Workshop Transportation Plan (Attachment 9)

The 16th Logistics Readiness Squadron provided two 44-passenger buses and drivers to ensure all our transportation requirements were satisfied. Their support was simply outstanding as they moved seventy visitors safely, professionally, and on-time to all tour events. In fact, thanks to their excellent attention to detail, we were able to execute our ambitious agenda. Mr. Nelson "Eddie" Arroyo coordinated with Lt Gabriel Johnson (16th SOW Public Affairs) and MSgt Daniel Beckius (16th Logistics Readiness Squadron) to coordinate all our transportation needs. It is important to note for future iterations that government support is limited to transportation between government facilities/locations. If the requirement expands to non-government locations, then an alternate source of transport (e.g., school buses) will be coordinated by the Hurlburt Chapter planners.

Northwest Florida Aerospace Education Teacher's Workshop Door Prize Summary (Attachment 10)

Each teacher received a door prize. Qualification was the completion of the workshop evaluation and then door prizes were awarded at random by a drawing of each evaluation. Hurlburt Chapter #398 members purchased aviation-related door prizes with funds contributed by B3H Corporation and Boeing. Door prizes were aviation related and selected to support classroom aerospace education programs. Sample door prizes included a space shuttle model, National Air and Space Museum 500-page picture books, authentic Chuck Yeager World War II autograph plates, and other aviation paraphernalia and mementoes.

ATTACHMENT 1: Jeff Miller's Letter

112-100000-1
District, Florida
MED SERVICES
COMMITTEE
ERANS AFFAIRS
COMMITTEE

Congress of the United States
House of Representatives
Washington, DC 20515

331 CANNON HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
(202) 225-4136

DISTRICT OFFICES:
4300 BAYOU BOULEVARD
SUITE 17C
PENSACOLA, FL 32503
(850) 479-1183

348 S.W. MIRACLE STRIP PARKWAY
UNIT 21
FORT WALTON BEACH, FL 32548
(850) 664-1266

October 29, 2003

Air Force Association
Hurlburt Chapter
Hurlburt Field, Florida

I am pleased to add my sponsorship and support for the Northwest Florida Aerospace Education Teachers Workshop to be held on November 1, 2003 at Hurlburt Field FL.

Aerospace education is the work of freedom. Just as Airpower has transformed our Nation and the World over the last 100 years, aerospace education has transformed Airpower, and, by any measure, Northwest Florida is a National leader in aerospace education.

An active aerospace education program can be a powerful tool in educating our youth in critical mathematics and science disciplines and also serve as inspiration to learn about our world. We hope to continue Northwest Florida's leadership in aerospace education through the Northwest Florida Aerospace Education Alliance and its supporting Foundation.

It is the Northwest Florida Aerospace Education Teachers Workshop on November 1, 2003 where we hope to rally 100 Northwest Florida teachers to help us determine what programs will best meet their classroom requirements. Then our volunteers can rally industry and the appropriate government agencies to ensure that in Northwest Florida "When school bells ring, Angels get their wings."

Thank you for your support of this excellent and important initiative.

With warm personal regards, I am

Sincerely,



JEFF MILLER
Member of Congress

ATTACHMENT 2

Northwest Florida Aerospace Education Teacher's Workshop Certificate of Completion

Air Force Association, Hurlburt Chapter 398
AFA Unit of the Year 1999, 2003

Aerospace Education Teachers Workshop



Presented To

JERI ANN MARTIN

“Giving Angels Wings”

November 1, 2003

JEFF MILLER
U.S. House of Representatives
District 1, Florida

JOHN W. ROGERS
Superintendent
Santa Rosa County Schools

ATTACHMENT 3: Northwest Florida Aerospace Education Teacher's Workshop Agenda

NORTHWEST FLORIDA AEROSPACE EDUCATION TEACHER'S WORKSHOP

November 1, 2003

- 0700 – 0730 Buses to USAF Special Operations School from Soundside Club
- 0715 – 0745 Special Operations School - Sign In/Coffee-Juice-etc/Folder with info
- 0800 – 0815 Pledge of Allegiance / Welcome
- Col Mike Damron-Commandant, USAF Special Operations School
 - Dick Schaller-President, AFA Hurlburt Chapter
- 0815 – 0830 Overview of the Day-Jeri Martin
- 0830 – 0845 Short break/load buses
- 0845 – 1145 2 morning sessions
- Hurlburt Field Flight Simulators-Lt Col Mike Plehn, David Loar
Hurlburt Field Flight Line/ Aircraft-Jim Connors
- 1145-1230 Sandwich Buffet Lunch
- 1230 - 1300 Aerospace Education Foundation – Boyd Anderson & Mary Anne Thompson
- 1300 – 1330 USA Today Visions of Exploration – Angela Utter
- 1330 – 1400 Civil Air Patrol – Judith Rice
- 1400 – 1445 Round Table Discussion of the following programs:
- Emerald Coast Science Center – Bob Gaskin
 - Aviation Weather – Ralph Ley
 - Department of Energy Science Bowl – Dr. Magsood Mohammed
 - Panhandle Science Fair – David Loar
 - Gulf Breeze JROTC – Lt Col Keith Wise
- 1445 - 1515 NASA Curriculum Materials – Jeri Martin
- 1515 - 1600 Curriculum
- Tildon Chavers – High
 - Glenn Rutland – Middle
 - Angelica Jackson – Elementary
- 1600 – 1615 Evaluations and Door Prizes
- 1615 – 1630 Closing Remarks-Dick Schaller

ATTACHMENT 4: Northwest Florida Aerospace Education Teacher's Workshop Participants

Teacher's Workshop Participant List

INDEX	LAST NAME	FIRST NAME	ORGANIZATION	MISC
001	Benjamin	Kim	Okaloosa	Teacher
002	Blackman	Ken	Santa Rosa	Teacher
003	Bobo	April	Okaloosa	Teacher
004	Bodi	Mari Locklin	Santa Rosa	Teacher
005	Boyd	Robin	Okaloosa	Teacher
006	Brown	James	Okaloosa	Teacher
007	Bush	Amy	Okaloosa	Teacher
008	Cahn	Rosia	Okaloosa	Teacher
009	Carmichael	Jennifer	Santa Rosa	Teacher
010	Carson	M'Adele	Santa Rosa	Teacher
011	Chavers	Tildon	Santa Rosa	Teacher
012	Christianson	Dr. Betsy	Okaloosa	Teacher
013	Cottrell	Jessica	Santa Rosa	Teacher
014	Davis	Dr. Gail	Santa Rosa	Teacher
015	Davis	Selina	Santa Rosa	Teacher
016	Dunbar	Rory	Santa Rosa	Teacher
017	Gandy	Louise	Santa Rosa	Teacher
018	Gillis	Barbara	Santa Rosa	Teacher
019	Gruber	Melanie	Okaloosa	Teacher
020	Guidry	Lisa	Okaloosa	Teacher
021	Henson	Patricia	Santa Rosa	Teacher
022	Hoffman	Emily	Santa Rosa	Teacher
023	Hoffman	Mary	Santa Rosa	Teacher
024	Jackson	Angelica	Okaloosa	Teacher
025	Jacobsen	Stephanie	Santa Rosa	Teacher
026	Kelley	Ginger	Okaloosa	Teacher
027	Kildow	Dianne	Santa Rosa	Teacher
028	Locklin	Lisa	Santa Rosa	Teacher
029	Martin	Jeri Ann	Santa Rosa	Teacher
030	Matthews	Linda	Santa Rosa	Teacher
031	McConnell	Tami A.	Santa Rosa	Teacher
032	McDonald	Sue	Okaloosa	Teacher
033	Peaden	Blanche A.	Santa Rosa	Teacher
034	Hoelscher	Margaret	Escambia	Teacher
035	Rathmann	Ann	Okaloosa	Teacher
036	Rutland	Glenn	Santa Rosa	Teacher
037	Schang	Arthur	Santa Rosa	Teacher
038	Schulz	Carolyn	Okaloosa	Teacher
039	Smith	Robert	Santa Rosa	Teacher
040	Spratt	Teressa	Santa Rosa	Teacher
041	Stewert	Jessica	Okaloosa	Teacher
042	Stokes	Starla	Santa Rosa	Teacher
043	Stricklin	Barbara	Okaloosa	Teacher
044	Weech	Diane	Okaloosa	Teacher

INDEX	LAST NAME	FIRST NAME	ORGANIZATION	MISC
045	Weissman	David	Santa Rosa	Teacher
046	West	David	Santa Rosa	Teacher
047	White	Gencie	Santa Rosa	Teacher
048	Wise	Lt Col Keith	Santa Rosa	Teacher
049	Anderson	Boyd	Aerospace Education Foundation	Chairman
050	Thompson	Mary Anne	Aerospace Education Foundation	President
051	Rice	Judith	Civil Air Patrol	Director
052	Utter	Angela	USA Today Visions of Exploration	Director
053	Byrd	Ron	Air Force Association	Eglin
054	Wood	Sandy	Air Force Association	Eglin
055	Taylor	Mike	Air Force Association	Pensacola
056	James	Haylee	Air Force Association	Pensacola
057	Matheson	Les	Air Force Association	Hurlburt
058	Tyler	Don	Air Force Association	Hurlburt
059	Loar	David	Air Force Association	Hurlburt
060	Schaller	Dick	Air Force Association	Hurlburt
061	Connors	Jim	Air Force Association	Hurlburt
062	Friedauer	Max	Air Force Association	Hurlburt
063	Turcynski	Raymond	Air Force Association	Hurlburt
064	Schantz	Dave	Air Force Association	Hurlburt
065	Sullivan	Timothy	Air Force Association	Hurlburt
066	Ley	Ralph	Aviation Weather	B3H Corp
067	Mohammed	Magsood	JE Sverdrup	Science Bowl
068	Gaskin	Bob	Emerald Coast Science Center	Director
069	Damron	Michael	Col, USAF	USAFSOS
070	Calvert	Ned	Lt Col, USAF	USAFSOS
071	Grimm	Michael	MacAulay Brown	USAFSOS
072	Plehn	Michael	Lt Col, USAF	19 SOS
073	Pettit	Mike	Major, USAF	19 SOS
074	Zahn	Mark	MSgt, USAF	19 SOS
075	Marr	Ian	Capt, USAF	19 SOS
076	Lee	Clark	Lockheed Martin	19 SOS
077	Pearson	Angelo	Lockheed Martin	19 SOS
078	Poddubny	Mike	Lockheed Martin	19 SOS
079	Spence	Mike	Lockheed Martin	19 SOS
080	Frakes	Bernie	Lockheed Martin	19 SOS
081	Collins	Gary	Lockheed Martin	19 SOS
082	Moore	Scott	Lockheed Martin	19 SOS
083	Harrison	Harry	Lockheed Martin	19 SOS
084	Knight	Glenn	Lockheed Martin	19 SOS
085	Hernandez	Mitchell	Lockheed Martin	19 SOS
086	Spence	Mike	Lockheed Martin	19 SOS
087	Taylor	Billy	Lockheed Martin	19 SOS
088	Johnson	Gabriel	1Lt, USAF	16 SOW/PA
089	Ackerman	Tom	Capt, USAF	20 SOS
090	Prescott	Don	TSgt, USAF	20 SOS

INDEX	LAST NAME	FIRST NAME	ORGANIZATION	MISC
091	Jimenez	Emmanuel	SSgt, USAF	20 SOS
092	Barnes	Jeff	TSgt, USAF	15 SOS
093	McKinney	Derry	Capt, USAF	15 SOS
094	Pate	Chad	Capt, USAF	16 SOS
095	Boom	Terry	SSgt, USAF	16 SOS
096	Defran	Stephan	A1C, USAF	16 SOS
097	King	Patrick	Gulf Breeze High School	Cadet
098	Kildow	Kyle	Gulf Breeze High School	Cadet
099	Stapp	Shawna	Gulf Breeze High School	Cadet

ATTACHMENT 5: Northwest Florida Aerospace Education Teacher's Workshop Participants

Each teacher received a critique form in their seminar book. The critique form provided grading criteria for each of the thirteen primary activities on the workshop agenda. Each of the thirteen primary activities was graded "Excellent," "Good," "Fair," "Poor," or "Not Applicable" for the quality of the information given and the usefulness of this information in teacher's classroom. At the end of the workshop we collect forty-six critiques. Jeri Ann Martin compiled "Critique Statistics" and "Critique Comments." The percentage scores are based upon the number of scores in each area divided by the total number of critiques which is forty-six. We did not perform any additional analysis beyond compiling the raw scores and computing percentage values.

TEACHER'S WORKSHOP CRITIQUE STATISTICS (Statistics for each event were sent to each participant individually)

TEACHER'S WORKSHOP CRITIQUE COMMENTS

"It was a great way to spend my Saturday! A little early starting, but I wake up fast!"

"Great to give out all the creative tools!"

"You provided lots of resources."

"The flight line planes were fun! The pilots and ground crew were great! The flight simulators were so much fun! Love the free stuff.

Thank you so much!!

Overall, the workshop was FANTASTIC! It was very informative, well organized, and obviously geared to educators."

"Great workshop."

"Need more time to assimilate all the materials."

"Can you offer some kind of program for elementary school students similar to Star Base Atlantis at Whiting Field?"

"I'm overwhelmed! Thank you for everything!"

"This was an excellent workshop. VERY ORGANIZED and EXTREMELY WELL DONE! Very little "down" (wasted) time! Very worthwhile! Thanks again! Great workshop!"

"Jeri was very "teacher aware. It makes a difference to have presenters with current classroom experience. The materials we received are wonderful; they ALL can be adapted to my grade level and subject. Thank you so much for everything. Would like to see the Department of Energy Science Bowl competition for the middle school level."

"What a wonderful day! Thank you!"

"Great job Miss Martin! Flight line and flight simulators were awesome and very interesting."

“Very well prepared and organized. Lots of hands-on and movement activities.

Great!

This was well worth a Saturday. Thanks for all your hard work. I think creating a trip for students on base highlighting all the careers available would be awesome.”

“Love all the extras. Thanks.”

“This workshop was extremely interesting! The Hurlburt Field staff were very cordial and knowledgeable. I especially enjoyed the flight simulators This was worth my Saturday!”

“Great Job! Really enjoyed this program. Air Force individuals did a great job of presenting too!”

“Thanks for a great day.”

“This was wonderful and I truly enjoyed my myself. I would love to come to more offered! Thank you! We love the freebies!”

“I have been teaching 15 years and never before have I been given so much support, encouragement, and appreciation (except from my husband!). I was most impressed with all the volunteers available on Saturday. The men and women on the flight line, the simulators, and the (bus) drivers were most helpful. I could not believe the passion that some of the individuals spoke with as they answered our questions. Not having any military background myself (except for being around my students and their families), I was truly awed by the camaraderie and devotion exhibited on that day.”

ATTACHMENT 6: USAFSOS Northwest Florida Aerospace Education Teacher's Workshop
Operations Plan

**USAF Special Operations School
Teache'rs Workshop
Operations Plan**

Friday-31 Oct 03--1500-1600 Deliver handouts (store in Auditorium), configure Lobby, Student Lounge, and Auditorium, preview Aerospace 100 years video tape and load PowerPoint Presentations.

Saturday-1 Nov 03—0700 USAFSOS Open USAFSOS and warm up AV equipment.

Three Venues: Lobby, Student Lounge, Auditorium

(AFA supplies all handouts, "goodie" bags, catering, and door prizes)

Lobby

- Table and two chairs for check-in and badge issue

Student Lounge

- "Buffet" Table for Coffee, doughnuts, sandwich buffet, beverages, napkins, etc.
- Coffee and Doughnuts in the morning
- Sandwich buffet for lunch

Auditorium

- Podium for speakers
- Flag stands for Presentation of Colors
- Aerospace 100 Years video
- PowerPoint Presentations
- Six Chairs for Round Table
- Door Prize table

Clean-Up-Trash cans, return furniture to classrooms/storage, remove handouts

Depart USAFSOS NLT 1645

**ATTACHMENT 7: Northwest Florida Aerospace Education Teacher's Workshop
Simulator Operations Plan**



19th SOS Support for Northwest Florida

Aerospace Education Teacher's Workshop

Summary of Changes: The AFA Group will no longer be a separate group, but will be integrated into Groups 1 & 2. Three more escorts have volunteered and been assigned groups and names for simulator technicians have been added (see underlined names font). Major Mike Pettit added as a briefer. WST Sequence by Sub-Group (see page three) chart error corrected.

Event: 19th SOS capabilities/mission brief and weapon system trainer demonstration in support of the Northwest Florida Aerospace Education Teacher's Workshop

When: November 1, 2003, 0900 -1200 hrs

Where: 19th SOS, 589 Independence Road, Hurlburt Field, FL

Primary Visitors: Primary and secondary school teacher's workshop attendees and AFA Group

Event POC: David Loar

Concept of Operations: The 19th SOS will support the Aerospace Education Teacher's Workshop visitors by providing them a 19th SOS capabilities/mission brief followed by an MC-130E, AC-130U, and MRD weapon system trainer (WST) flight demonstration. On the day of the event visitors will be transported to the 19th SOS in 2 groups. Group 1 scheduled time at the 19th SOS is 0900 -1015 hrs, and Group 2 is 1030 -1145 hrs. David Loar and selected volunteers will greet visitors and escort them to the Mission Rehearsal Operations Center (MROC) for Capabilities/Mission brief presented by Lt Col Mike Plehn. While visitors are in MROC simulator technicians and WSTs operators will finish preparing simulators for demonstration. After the briefing the visitors will be divided into three sub-groups (A, B, & C) and assigned a squadron escort. Escorts will lead their visitors to each weapon's system trainer, as scheduled, for a 15-minute demonstration. WSTs will not be brought up on motion due to number of visitors. When a group has completed all the WSTs demos, the escort will lead visitors back to awaiting transportation at the front of the 19th SOS building. Once Group 1 is completed the same procedures will be applied to Group 2. After visitors' demonstrations are complete the WSTs will be turn back over to technicians.

The AFA Group will contain approximately 14 and will be performing a "windshield" tour of all five workshops sites. When they arrive at the 19th SOS there will be no formal presentation required. The will be provided a 15 minute behind the scenes walk through led by Lt Col Mike Plehn or selected representative.

The AFA Group will now be integrated into Group 1 and Group 2; groups will still be no larger than 25 participants each.

Participants:

A. *Squadron Escorts (See WSTs Sequence By Sub-Group on page 3)

1. Mr. Clark Lee and Major Mike Pettit (Group 1A & 2A)
2. Mr. Angelo Pearson and MSgt Mark Zahn (Group 1B and 2B)
3. Mr. Mike Poddubny and TSgt Robert Fisher (Group 1C and 2C)

B. Simulator Technicians

1. Mr. Glenn Knight
2. Mr. Mitchell Hernandez

B. 19th SOS Briefer/DMO Technical Support

1. Lt Col Mike Plehn and Major Mike Pettit
2. DMO Technical Support
 - a. Mike Spence
 - b. Billy Taylor

C. *WST Operators

1. Mr. Bernie Frakes/AC-130U
2. Mr. Gary Collins/MC-130E
3. Mr. Scott Moore/MC-130H
4. Mr. Harry Harrison/BMC

D. Visitors

1. Primary and secondary school teacher's workshop attendees
 - a. Two groups of no more than 25 visitors each
2. AFA Group
 - a. Five AFA Northwest Florida Chapter Presidents
 - b. Civil Air Patrol national education director
 - c. USA Today Visions of Exploration National Director
 - d. Several members of the Florida State and National Aerospace Education Foundation

E. AFA Group Escort

1. Mr. David Loar

Schedule of Events:

Time	Event
0830 - 0900	19th SOS simulator technicians prepare simulators for demonstration (EWST, UWST, and MRD)
0900 - 0905	Group One visitors arrive and are escorted to MROC
0900 - 0920	Lt Col Plehn presents Capabilities/Mission briefing in MROC
0920 - 0925	Group One visitors divided into three sub-groups (A, B, & C) and are escorted to WSTs
0925 -1010	WST operators demo simulators
1010 -1015	Group One visitors are escorted to transportation at front of building
1030 - 1035	Group Two visitors arrive and are escorted to MROC
1035 - 1050	Lt Col Plehn presents Capabilities/Mission briefing in MROC
1050 - 1055	Group Two visitors divided into three sub-groups (A, B, & C) and escorted to WSTs
1055 -1140	WST operators demo simulators
1140 -1145	Group Two visitors are escorted to transportation at front of building
12:00 -TBD	Simulator technicians terminate simulators and secure building.
TBD	AFA Group arrives and is escorted to WSTs for a behind the scenes view

WSTs Sequence By Sub-Group:

Group	WSTs Sequence
1A & 2A	MRD/UWST/EWST
1B & 2B	EWST/MRD/UWST
1C & 2C	UWST/EWST/MRD

* Request contract and GS instructors wear blue flight suit

ATTACHMENT 8: Northwest Florida Aerospace Education Teacher's Workshop Flight Line Static Display Plan

Here is the plan coordinated with Col Rick Beery (16th SOW/LG) and his staff:

- Move Talon 2 and a Gunship in front of Base Ops (not in the restricted area)
- No Power, but crew chiefs and crew members (we usually don't have power on the aircraft with big groups)

- Keep MH-53 on East Side of Ramp, with no power, and an aircrew and crew chiefs

- If you only have one bus and it takes multiple trips to ferry people back and forth between ramps, we would probably want to move the MH-53 over to the Base Ops ramp. If you can get an extra bus, it would be better logistically to keep the Pave Low on its own ramp .

These are our actions, but please continue coordination through 16th SOW/PA / OSS channels to get this tasked on the commit sheets and ultimate tasking through the 16th SOW/CC. I've info all our people.

ATTACHMENT 9: Northwest Florida Aerospace Education Teacher's Workshop Transportation Support

**Transportation Support
To The
Aerospace Education Teacher Workshop
1 Nov 03**

- Support Required
 - o Two 44 passenger buses and drivers
- Transportation Plan
 - o 0700 Gather at Soundside parking lot for transport to the Special Operations School
 - o 0730 - 0800 Load and transport Educators and guests to the Special Operations School
 - o 0845 (Bus 1) Load and proceed to Flight Line Tour
 - o 0845 (Bus 2) Load and proceed to Simulator Tour
 - o 1015 (Bus 1) Load and proceed to Simulator Tour
 - o 1015 (Bus 2) Load and proceed to Flight Line Tour
 - o 1145 (Bus 1 and 2) Load and return to Special Operations School
 - o 1630 (Bus 1 and 2) Load and return Educators and Guests to Soundside parking lot

ATTACHMENT 10: Northwest Florida Aerospace Education Teacher's Workshop Door Prize Summary

INDEX	DOOR PRIZE DESCRIPTION
001	1927 Charles Lindbergh Aviator Book
002	A2/A-2 Leather Flight Jacket
003	A2/A-2 Leather Military Flight Jacket
004	Air Force Museum Aviation History Book
005	Air Force Poster Columbia Space Shuttle
006	Airplane Aviators Fly Wright Vintage Poster
007	Amelia Earhart flyer pilot flying aviatrix book
008	Authentic Chuck Yeager Autograph Plate WW2
009	Authentic Chuck Yeager Autograph Plate WW2
010	Authentic Chuck Yeager Autograph Plate WW2
011	Authentic Chuck Yeager Autograph Plate WW2
012	Ballantine's Illustrated History Flying Tigers
013	Book Flying Tigers Historical WW2 Documentary
014	Challenger's Christa McAuliffe NASA Photo
015	Charles A. Lindbergh: A Photographic Album
016	Christa McAuliffe Story Challenger HB/DJ 1st
017	Famous Women Aviators-Great Book
018	Guilow Stearman PT-17 Model Plane Kit
019	Looking at Earth National Air & Space Museum
020	NASA Space Shuttle Wood Model
021	National Air and Space Museum 500-page picture book
022	National Air and Space Museum 500-page picture book
023	National Air and Space Museum 500-page picture book
024	National Air and Space Museum 500-page picture book
025	National Air and Space Museum 500-page picture book
026	National Air and Space Museum 500-page picture book
027	National Air and Space Museum 500-page picture book
028	Neil Armstrong First Man of Moon Poster 1969
029	People Magazine Christa McAuliffe Feb 10, 1986
030	Picture Set of Apollo 11 Moon Landing
031	Smithsonian Air & Space Museum Earth Pics HB
032	Smithsonian Wright Brothers Book
033	Space Shuttle Columbia STS-107 Challenge Coin
034	The Road to Kitty Hawk Wright Brothers book
035	The Story of Air Force Special Operations
036	Vintage People Magazine Christa McAuliffe 1986
037	Wright Brothers Photo First Flight, Big
038	A+ Is for America-Michelle & the Candy Bomber Set
039	A+ Is for America-Michelle & the Candy Bomber Set
040	A+ Is for America-Michelle & the Candy Bomber Set
041	A+ Is for America-Michelle & the Candy Bomber Set
042	A+ Is for America-Michelle & the Candy Bomber Set
043	American Flag glass paperweight

INDEX	DOOR PRIZE DESCRIPTION
044	American Flag glass paperweight
045	American Flag glass paperweight