



AIR WEATHER ASSOCIATION

Serving the Present – Remembering the Past – Air Force Weather

NEWSLETTER



Vol. 12, No. 1

March 1998

THE 24–28 JUNE 1998 AWA REUNION

PLAN TODAY to join other members, spouses and guests for an extremely memorable time at the Air Weather Association reunion to be held in **Saint Louis, Missouri from 24–28 June 1998**. The reunion headquarters will be at the **HENRY VIII Hotel and Conference Center**, 4690 North Lindbergh Blvd., Saint Louis, Missouri 63044. *As of 28 February 1998, over 240 members have already reserved rooms or suites.*

The HENRY VIII has single and double-bedded rooms and 2-room suites with separate bedrooms and parlors. The double-bedded rooms are now in very short supply. If need be, a block of rooms will be available at the Holiday Inn across the street to cover overflow requirements. The reservation agents at the HENRY VIII will inform callers about the overflow capabilities when necessary. The Holiday Inn is within walking distance, but shuttle service will be provided by the HENRY VIII Hotel vans.

The HENRY VIII has enough meeting space to accommodate our banquet and hospitality room needs. The hotel also has a large parking lot to serve hotel guests, RVs and the many AWA members living nearby who intend to drive back and forth from home to the reunion activities.

The AWA discount rate for a standard room at the Henry VIII hotel is \$59 and when all taxes are included, the total will be \$67.66 per night for a single/double/triple/quad (s/d/t/q) room. The rate for a two-room suite is \$64 and when all taxes are included, the total will be \$73.32 per night. Prices for the Holiday Inn overflow will be set on 16 March.

Reserve a room or suite NOW by calling Henry VIII Hotel reservations at 1-800-325-1588 and mention AWA reunion. Reservation cut off date is 23 May 1998.

Turn to pages 3–9 for more Reunion information regarding registration for activities/tours, page 11 for the follow-on tour to Branson, MO and page 17 for other area attractions. The Reunion Registration Form (yellow) is also enclosed. *See you in Saint Louis!*

AIR WEATHER SERVICE redesignated as AIR FORCE WEATHER AGENCY

On 15 October 1997, Brigadier General Fred P. Lewis, Air Force Director of Weather, presided over a ceremony at Offutt AFB, Nebraska redesignating Air Weather Service (AWS) as the Air Force Weather Agency (AFWA). It will carry all of the 60 years of heritage from 1 July 1937 — when the War Department transferred the responsibility for providing Army Air Corps weather services from the Signal Corps to a small group designated as the Army Air Corps Weather Service. The AFWA combines AWS and Air Force Global Weather Center (AFGWC) into a single, operations-focused, AF Field Operating Agency. The AFWA emblem will be the same as the AWS except for the title (see new emblem on right side of heading at top of this page). Over the next year, the AFWA will be consolidated at Offutt AFB, NE; what was the AWS Headquarters at Scott AFB, IL will move to Offutt.

Colonel John L. Hayes, AFGWC Commander, assumed command of the Air Weather Service on 12 September 1997 upon the retirement of Colonel Joe Dushan, and now **is the First Commander of the newly designated Air Force Weather Agency**.

Colonel Jack Hayes, a native of Toledo, Ohio, was commissioned through the Reserve Officer Training Corps program at Bowling Green State University. In August 1970, he entered active duty as a meteorology student at the University of Oklahoma. He then served in several key staff and command positions, including staff weather officer supporting the 363rd Tactical Reconnaissance Wing, Shaw AFB, SC; staff weather officer for the 376th Strategic and 9th Strategic Reconnaissance Wings and as the Officer in Charge of the Defense Meteorological Satellite Program site, Kadena AB, Japan; Chief of Numerical Weather Forecasting and Operations Staff Officer, Air Force Global Weather Central, Offutt AFB, NE; staff meteorologist for a classified program, Under Secretary of the Air Force, Office of Space Systems, Pentagon; Director of Aerospace Technology Development and Director of Planning, HQ AWS, →

Scott AFB, IL; Weather Detachment Commander and Director of Staff Meteorology for the Western Space and Missile Center, Vandenberg AFB, CA; Director of Staff Meteorology, Aeronautical Systems Division, and Chief of the Weather Division, HQ AFMC, Wright-Patterson AFB, OH; Vice Commander HQ AWS, Scott AFB, IL, and from May 1995 to October 1997 as Commander, Air Force Global Weather Center, Offutt AFB, NE. Jack Hayes earned M.S. and Ph.D. degrees in meteorology from the US Naval Postgraduate School, Monterey, CA, in 1977 and 1985, respectively. He was a Councilor of the National Weather Association (96-97) and was recently elected to a Councilor position for the American Meteorological Society.

AFWA UPDATE by Colonel Tom Accola

It has been an exciting and action-filled five months since we combined AWS and AFGWC to stand up Air Force Weather Agency on 15 Oct 97. Modern technology — e-mails and conference calls — plus a fair amount of travel between Scott AFB and Offutt AFB have enabled us to meet the challenge of a geographically split AFWA staff with good results. We've focused hard on meeting the requirements of AF-wide weather reengineering: standing up the first three regional hubs [*Air Force Weather continues on its strategic plan to reengineer field units into regional hubs (operational weather squadrons) and Combat/Unit Weather Teams focusing their reduced number of personnel on operational weather support and training.*] designing an architecture to meet their data/product needs; building programs to acquire the equipment they'll need to do the job. We're approaching reengineering with a considerable sense of urgency — we have the support of USAF senior leadership in Washington and at the major commands to do this, and we want to take advantage of this support and momentum at its peak. Simultaneously, we're working hard at moving functions and people from Scott to Offutt. It's requiring extra effort from people who were already surging to execute the AFWA mission — it's gratifying to witness the enthusiasm and initiative that our young officers, enlisted men and women, and civilians exhibit as we go about these important tasks.

By the time we complete the transfer of functions and people from Scott to Offutt next year, there will be a different look and feel to AFWA offices in the Martin Bomber Building. We'll be moving some of

our personnel into the facility vacated by the 6th Space Operations Squadron — the personnel who “fly” the DMSP satellites — as their mission moves to NOAA's Suitland, Maryland facility. These offices are located on the lower level of the western portion of the Martin Bomber Building. **We'll renovate the main entrance to AFWA, creating a lobby to accommodate the historical items that we'll bring to Offutt from the former AWS lobby at Scott.**

Replacing older, bulkier technology with newer, space saving equipment will allow us to house many of the functions we're moving here from Scott in our current offices. And we're restructuring forecast production — rebuilding it on concepts that take advantage of our new strategic relationship with National Weather Service production centers and meet the ever-expanding requirements of our many customers — including the new AF Weather hubs. We're also standing up an Air Force Radio and Television Service element that will join the CINC Target Weather Cell and Special Operations Forces Weather Operations Center as AFWA's newest operational centralized workcenters at Offutt.

We haven't neglected the basic science of meteorology and the necessity to support on-going DOD operations as we've gone about these organizational changes. While we've made great strides in virtually every aspect of the operational science, we've made our most productive advances in fine-scale modeling. As each hot-spot around the world has drawn the attention of decision-makers, we've expanded our product line to meet their needs, delivering 3D displays in resolutions as fine as 4 km for places like Bosnia, SW Asia, and Korea. We believe that the success of the hub concept is highly dependent on our ability to provide them with fine scale model data, and have given this priority in our strategic approach.

If you have the ability to go on-line, you can keep up with these and many other AFWA activities and operations with the push of a button. Just dial up our AFWA Internet home page public site at: <http://www.scott.af.mil/afwa/> or via the AWA home page at <http://www.geocities.com/Pentagon/2695>. □

AFWA Historian, Lillian Nolan, still resides at Scott AFB, IL and expects to attend the AWA reunion in Saint Louis to discuss history and to accept historical articles that attendees may want to donate. She also invites members to visit her office at Scott.

AWA SAINT LOUIS 1998 REUNION

WHEN: 24-28 June 1998

WHERE: HENRY VIII Hotel and Conference Center, 4690 North Lindbergh Boulevard, Saint Louis, Missouri 63044; 800-325-1588 or 314-731-3040

WHO: Air Weather Association Members, their spouses and their guests (guests cannot be eligible for membership).

WHY: Our biennial gathering to renew friendships and make new ones; remember the past; enjoy the present with banquets, hospitality receptions and tours in a great city; expecting this reunion to surpass our last reunion in Hampton, Virginia 1996.

WHAT: A low-cost reunion program at an excellent hotel with something for everyone, including separate unit/squadron get togethers. We offer the best in camaraderie and nostalgia for our members.

HOW MUCH: Just \$70 buys hosted hospitality receptions for 4 days, a buffet dinner function on Friday, a banquet dinner/dance on Saturday evening and much, much more. A golf tournament, tours throughout Saint Louis, Riverboat gambling and other activities have been arranged at low group rates.

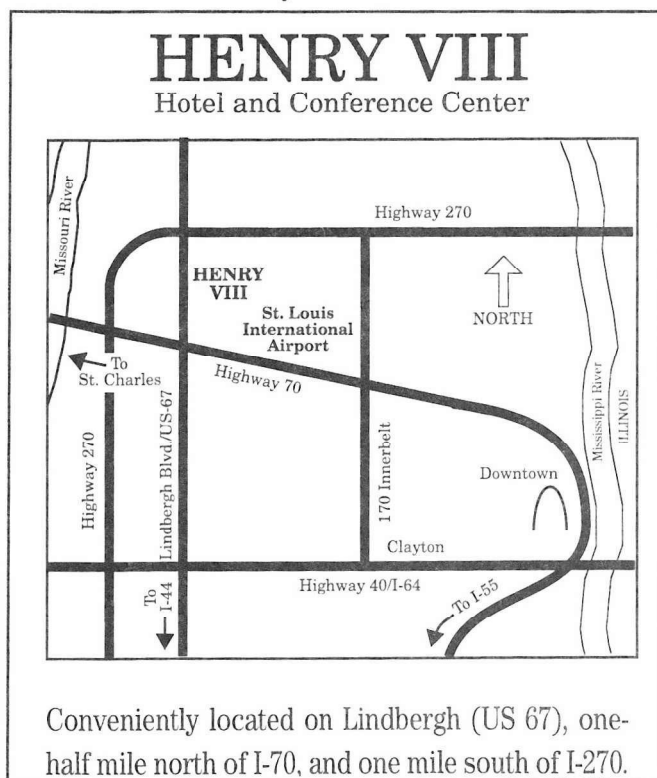
REUNION REGISTRATION

Enclosed in this annual mailing, you will find a yellow REGISTRATION form. Send that reunion registration form in early with full payment of fees to be eligible for the free hotel room drawing (it must be received by the 15th of May to be eligible). If you subsequently have to cancel, a very generous cancellation policy (see registration form) has been arranged by our volunteer reunion organizer. It does not pay to delay sending in your registration. **NO ONE will be registered after 1 June or at the reunion.** Registrations that arrive at the reunion organizer's address postmarked after 1 June 1998 will be returned to the originators.

HOTEL RESERVATIONS

AWA REUNION HEADQUARTERS will be at the HENRY VIII HOTEL and Conference Center. See page 1 for reservation information. **NOTE: The HOTEL'S CUT-OFF DATE is 23 MAY 1998 for guaranteed reservations at the reunion discounted rates.** In order to be certain of having a hotel room, you have to personally reserve a room with the HENRY VIII Hotel reservation agents AND the reunion organizer must receive your reunion registration form by 1 June 1998. Room reservations will be canceled for all those who have not registered for the reunion. In short, the hotel room block has been contracted for AWA reunion attendees only.

If additional rooms are required, the Holiday Inn across the street from the HENRY VIII will be used. You would be notified of that fact by the Henry VIII reservation staff when you call.



TRAVEL

All reunion attendees have to make their own travel arrangements to/from the reunion location. Airline rates for reunions weren't less than regular advance-sale, senior, and other available discount rates. Please make travel arrangements early. Joe Tucker informed us that depending on your return plans you could have scheduling difficulties with early 4th of July vacation travelers.

More 1998 reunion information

AIRPORT PICKUP

The HENRY VIII Hotel and Conference Center provides 24-hour complimentary shuttle service to the Lambert-St. Louis International Airport. Please indicate on the back of the yellow Reunion Registration Form: your arrival airline; date/time; whether or not you will need to be picked up; and the number in your party. After arrival you can call the hotel for pick-up if the van is not at the airport already.

You may have to wait a short time at the airport if you have not provided your arrival information in advance or many attendees are arriving at the same time.

Please do not hold up sending in your registration form if you do not have firm arrival information early. You can always send in your airline information later.

AIRPORT DROP OFF after Reunion

At the Reunion Information Desk in the AWA hospitality room, you will be asked to sign up for transportation to the airport. You will need to provide your airline departure information at that time if you did not enter it on the Registration Form.

Attendees going on the bus to the follow-on Branson Tour will be dropped off at the airport on return if desired.

TRAVEL to/from REUNION ACTIVITIES

Tour buses are being contracted to carry reunion attendees between the HENRY VIII Hotel and the scheduled tour locations. Transportation for the Wednesday, 24 June 1998 golf tournament in Forest Park will be by available cars and vans. If you need special transportation requirements during any portion of the reunion, please indicate those requirements to the reunion organizer on the back of your Registration Form or on a separate note.

SEATING FOR REUNION MEAL FUNCTIONS:

Reserved seating by units/groups at round tables for 10 within the HENRY VIII Grand Ballroom for the Friday night buffet and Saturday night banquet will be on a first-come basis (determined by receipt of your registration form). The reunion committee will reserve tables based on preferences stated on the registration forms or as indicated to the committee at the reunion information desk at least one day before the meal function. Attendees when checking in at the

AWA Reunion Information Desk at the hotel will be given place cards (one for Friday, another for Saturday). When the Ballroom doors open for dinner, attendees will use their place cards to claim their seats within the areas reserved for their group or in open seating areas.

FOOD SERVICES AVAILABLE

The HENRY VIII Hotel has full food service availability. The Hotel restaurants will give AWA reunion attendees (wearing their AWA name badge) a 10% discount on meals. The *Henry VIII Restaurant and Lounge* serves breakfast from 6:30 AM to 11:00 AM and lunch from 11:00 AM until 5:00 PM. The Hotel may also offer buffet breakfasts every morning in order to expedite serving the large number that could be leaving early for tours. *Duffy's Restaurant and Pub* opens from 4:30 PM to midnight. Room service is available from 6:30 AM to 11:00 PM.

There are many other restaurants in the local vicinity and throughout the greater Saint Louis area. A listing of local restaurants will be posted near the AWA Reunion Information Desk.

THE REUNION PROGRAM:

GENERAL

The AWA Reunion Information Desk will be located in the Grand Ballroom of the HENRY VIII Hotel and Conference Center. All attendees should check in at the Information Desk as soon as possible after arrival at the hotel to receive updated schedules, tickets and name badges. Local area members not staying at the Hotel should also check in as early as possible during the reunion period. The Information Desk will open at 4:00 PM on Tuesday, 23 June 1998 to check in early arrivals. The Information Desk will then be open daily during the entire reunion period and close Sunday after Brunch.

The Grand Ballroom will also serve as the AWA hospitality room. Tables in the hospitality room will be set aside for specific units as appropriate.

Hosted hospitality bars will be available in the Grand Ballroom daily from 4:00 PM to 10:00 PM (11:30 PM on Sat.), as part of the basic reunion package. However, in order to permit the hotel to setup for our Friday and Saturday dinner functions, the Grand Ballroom will be closed from 3:30 PM to 6:00 PM. The hospitality bars will then be open in adjacent areas at 4:00 PM.



It's ready. It's required.

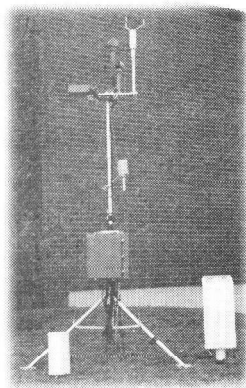
Now all we need is your support.

At home, ASOS is the comprehensive weather reporting system that is currently being installed by SMI at over 1000 of the country's largest airports and at 26 Air Force

After exhaustive studies, it's been determined that the Air Force needs automated weather reporting to effectively support war fighters and to ensure superior air power. This decision comes as no surprise... after all,

automated weather is quickly being adopted by the entire global aviation community.

Two systems are required and approved to fully automate Air Force Weather: the Automated Surface Observing System (ASOS) and the Tactical Meteorological



Sensors Modification (TACMET). As designed by Systems Management (SMI) these two systems use the same advanced algorithms and software, ensuring that pilots, air traffic controllers and weather personnel get the same timely and accurate reports whether at home or deployed.

and all Navy and Marine Corps Air Stations worldwide. It's the ideal platform on which to build the Air Force Weather Observing System for the 21st Century (OS 21).

For field deployment, SMI offers an off-the-shelf TACMET, a fully portable automated observing system. Because personnel can have the same functionality between SMI's ASOS and TACMET, they can "train as they fight."

In short, both ASOS and TACMET are critical to the automation of Air Force Weather.

As is your support.

For more information about SMI's ASOS, TACMET, or other products and programs, please call John Lasley today at **800-935-2767 x7524**.



ASOS AND TACMET - DEPLOY THEM NOW. AND OWN THE WEATHER.

More 1998 reunion information

Wednesday, 24 June 1998

8:30 AM Hospitality room and AWA Reunion Information Desk open (Grand Ballroom).

11:00 AM GOLF TOURNAMENT AT THE FOREST PARK GOLF COURSE, tee times will be scheduled from 11 AM through 1 PM depending on number of golfers. Captains choice. The cost is \$40 per person which includes: green fees, cart, priceless prizes and dinner at 5:30 PM at the Golf Course Club House (Bourbon Chicken or 11 oz BBQ Pork Steak). Rental clubs are limited; suggest you bring your own.

1:00 PM A TENNIS TOURNAMENT can be arranged at the HENRY VIII hotel courts if any reunion attendees are interested.

4:00 PM Hospitality bars open in the AWA hospitality room (Grand Ballroom).

5:30 PM Dinner at Forest Park Golf Course Club House for golfers and one (1) non-golfing spouse or guest. Cost is already included in the golf package and \$13 for the non-golfing spouse or guest.

10:00 PM Hospitality room closes.

Thursday, 25 June 1998

7:30 AM Hospitality room and AWA Reunion Information Desk open (Grand Ballroom).

8:30 AM – 3:30 PM TOUR MISSOURI WINE COUNTRY & DANIEL BOONE HOME. *A scenic guided Bus ride through Missouri countryside to Daniel Boone's home in Defiance, Missouri. Here, in surprising comfort for frontier days, Boone spent his last years in this four-story Georgian-style stone structure. When you tour the interior of the home, you'll be viewing a panorama of early Americana. Also on the grounds is Boonesfield Village, replicating a pioneer village.*

Next, a visit in nearby Augusta, Missouri to the state's finest wine country, an area recognized by the federal government as being America's first official wine district. Before prohibition, when Missouri ranked as the second largest wine producing state in the nation, there were no fewer than thirteen wineries located in this small narrow valley. You'll tour one of the wineries, taste a few of the award-winning products, visit the craft and gift shops in the town, and maybe taste the fresh-baked bread. You can have lunch ON YOUR OWN at one of the Augusta restaurants.

Maximum: 180 people. COST: \$27.00 per person. Tour includes: (minimum of 30 people per bus), motorcoach transportation, guide, winery tour, admission to Daniel Boone's home, and all arrangements.

9:30 AM – 3:30 PM SAINT LOUIS - CITY HIGHLIGHTS TOUR. (This tour will be available on Thursday, Friday and Saturday) *The tour begins with a stop at the Cathedral of Saint Louis. The interior contains one of the largest and most beautiful displays of mosaic art in the Western Hemisphere — covering domed ceilings, numerous arches and wall panels.*

A narrated riding tour to acquaint you with the city's downtown/civic area. You'll learn both past and present history of Laclede's Landing (where it all began), the Old Cathedral (oldest west of the Mississippi), the Old Courthouse (site of the Dred Scott case that played a part in the abolishment of slavery) and the historic riverfront along the Mississippi.

A stop at the magnificent Gateway Arch to see the museum of Westward Expansion and to take a tram ride to the top of this 630-foot high monument (our nation's tallest) for a fantastic 30-mile view. For those not wishing to take the tram ride, there is a thrilling film to view on the building of the Arch.

A stop at the Saint Louis Union Station. The station, with the largest train shed ever built, is an architectural treasure and a historic landmark. It has been transformed into a festive marketplace with specialty shops, entertainment, restaurants and exhibits that depict the history of the days of train travel. Lunch ON YOUR OWN is available here at a large variety of restaurants and fast-food shops.

Maximum: 320 people. COST: \$23.00 per person. Tour includes, (minimum of 30 people per bus), motorcoach transportation, guide, Arch admission and tram or movie.

4:00 PM Hospitality bars open in the AWA hospitality room (Grand Ballroom).

5:30 PM - 10:00 PM RIVERBOAT GAMBLING at STATION CASINO ST. CHARLES. *"The most visited Riverboat Casino in the United States." Buses will pick up AWA reunion attendees at the HENRY VIII Hotel and transport them Dockside where Fun Books will be received as you board. Enjoy Dinner ON YOUR OWN at the many eating areas on board.*

COST: FREE transportation and admission provided by the Casino (minimum of 30 people per bus). Buses will return to the Hotel at 9:00 and 10:00 PM.

SEPARATE SQUADRON DINNERS are being arranged for **THURSDAY EVENING** at the **HENRY VIII Hotel** and local restaurants — see pages 18–20 for Unit Reunion information and **CONTACT YOUR UNIT CHAIRPERSON** for further details.

10:00 PM Hospitality room closes.

Friday, 26 June 1998

Reunion attendees have many choices on this and every day. They can meet old and new friends in the hospitality room, go to local shopping malls, ride the MetroLink to the many attractions in downtown Saint Louis and Forest Park, enjoy the pool and other amenities at the hotel, visit Scott AFB or (the better choice) reminisce with friends while taking great "Discover St. Louis Tours" on chartered buses.

7:30 AM Hospitality room and AWA Reunion Information Desk open (Grand Ballroom).

8:30 AM – 12:30 PM GRANT'S FARM (2 tours available on Friday and again on Saturday) *A visit at Grant's Farm, the showplace estate of the Busch family, located on the land once farmed by General Ulysses S. Grant. You'll enter the estate riding on the trackless tram through the deer park where bison, elk, antelope and zebra roam around Grant's original log cabin and the rifle barrel fence (a memorial to the Civil War). The tram will stop at the Bauerhof area (a European-style stable surrounding a brick courtyard) where you can see a collection of antique carriages, thoroughbred horses, a small unusual zoo and a amazing bird show. Sandwiches and refreshments may be purchased in this area, along with a complimentary taste of the famous Anheuser-Busch brew.*

At the end of your visit, you'll ride back to the entrance where you can browse the gift shop and visit the Clydesdales in the nearby pasture.

Maximum: 200 people. COST: \$15.00 per person. Tour includes: (minimum 30 people per bus), motorcoach transportation, guide and all arrangements.

9:00 AM – 12:30 PM HISTORIC SOUTHSIDE AND BOTANICAL GARDENS (2 tours available on Friday and again on Saturday) *A narrated riding tour of the historic south side of the city, reflecting the influence of the ethnic cultures in its architecture, churches and way of living. You'll pass the early French/German Soulard neighborhood with its outdoor produce market...the renovated Victorian townhouses, sometimes called the "painted ladies" because of their vivid exterior colors, surrounding St. Louis' first public area, Lafayette Park...large mansions built by wealthy German businessmen around 1890's in Compton Heights...and Tower Grove Park, one of the last Victorian "walking" parks in the nation.*

The last stop will be the Missouri Botanical Garden, the oldest in the nation, dating back to 1859. It is internationally known for its horticultural displays,

education and research. Highlights include the tropical Climatron, the exquisite Japanese and Chinese Gardens, the rose, scented and woodland gardens, the new Home Gardening demonstration areas, and the plant and gift shops. You will have time for lunch on your own on the morning tour in the Gardenvue Restaurant (cafeteria-type) and a narrated tram ride around the grounds if you wish (\$2.00 per person).

Maximum: 160 people. COST: \$17.00 per person. Tour includes: (minimum of 30 people per bus), motorcoach transportation, guide, Botanical Garden admission and all arrangements.

9:30 AM – 3:30 PM SAINT LOUIS - CITY HIGHLIGHTS TOUR. (Explained in Thursday's program on page 6.)

1:00 PM – 4:30 PM HISTORIC SOUTHSIDE AND BOTANICAL GARDENS (Same as Friday morning 9 AM tour.)

1:00 PM – 5:00 PM GRANT'S FARM (Same as Friday morning 8:30 AM tour.)

Anheuser-Busch Brewery Tours will be available all day Friday and Saturday via chartered shuttle buses. Reunion attendees should choose the 3 1/2 hour tour time that best fits their full schedule of activities. Times may have to be rearranged by the reunion committee since each tour time is restricted to 47 people. Attendees will be notified as appropriate. Tour times available: 9 AM - 12:30 PM; 9:30 AM - 1 PM; 10 AM - 1:30 PM; 10:30 AM - 2 PM; 11 AM - 2:30 PM; 11:30 - 3 PM; 12 N - 3:30 PM; and 12:30 PM - 4 PM. COST: \$6.00 per person. *The Anheuser-Busch Brewery is the world's largest brewer. You'll see the century-old home of the famous Budweiser Clydesdales and visit the historic Brew House, where a multimedia presentation tells the story of the all natural Budweiser brewing process. The Brew House's copper kettles, wall murals, ornate wrought-iron railings and hop vine chandeliers remember turn-of-the-century elegance. In the Bevo Packing Plant you will see the amazing high-speed bottling and canning lines. At tour's end, you're invited to relax over complimentary samples of their fine beers. Soft drinks are also available. Browse in Bud World, which offers an exciting selection of distinctive logo merchandise.*

4:00 PM Hospitality bars open in the AWA alternate hospitality room (the Grand Ballroom will be closed to prepare for the evening buffet dinner).

7:00 PM BUFFET DINNER for all Reunion attendees (Grand Ballroom). Name cards can be placed on the table of your choice just prior to dinner. The Grand Ballroom will open by 6:30 PM. →

More 1998 reunion information

Friday Evening BUFFET DINNER MENU: Tossed Garden Salad with choice of three dressings; Sliced Roast Baron of Beef with Mushroom Cabernet Sauce; Boneless Sautéed Breast of Chicken with White Wine Sauce; Baked Virginia Ham with a Pineapple Glaze; Oven Roasted Potatoes; Rice Pilaf; Sugar Snap Peas with Carrots Julienne, Fresh Broccoli in Lemon Butter; Warm Rolls with Sweet Butter; Coffee (reg. and decaf.); Tea and an Array of Desserts.

10:30 PM Hospitality room closes.

Saturday, 27 June 1998

7:30 AM Hospitality room and AWA Reunion Information Desk opens (Grand Ballroom).

8:30 AM – 12:30 PM GRANT'S FARM (see Friday's Program on page 7 for explanation.)

9:00 AM – 12:30 PM HISTORIC SOUTHSIDE AND BOTANICAL GARDENS (see Friday's Program on page 7 for explanation.)

9:30 AM – 3:30 PM SAINT LOUIS - CITY HIGHLIGHTS TOUR. (Explained in Thursday's program on page 6.)

1:00 PM – 4:30 PM HISTORIC SOUTHSIDE AND BOTANICAL GARDENS (Same as Friday morning 9 AM tour.)

1:00 PM – 5:00 PM GRANT'S FARM (Same as Friday morning 8:30 AM tour.)

Anheuser-Busch Brewery Tours will be available all day Saturday via chartered shuttle buses. See Friday's program on page 7 for explanation and schedule.

4:00 PM Hospitality bars open in the AWA alternate hospitality room (the Grand Ballroom will be closed to prepare for the evening buffet dinner).

7:00 PM AWA REUNION BANQUET for all reunion attendees (Grand Ballroom). Doors will open by 6:30 PM to place your name cards at your choice seat. Also, display your entree choice ticket at your place setting. A band will provide dinner music and music for dancing after dinner until 11:00 PM
BANQUET MENU: Caesar Salad, ENTREES: Petite Filet Mignon with Perigourdine Sauce, Breast of Chicken with White Wine Sauce, Broiled Salmon, or Vegetarian. Twice Baked Potatoes, Fresh Seasonal Vegetable Medley; Rolls & Butter; Coffee (reg. & decaf.) and Tea; and American Chocolate Fudge Cake.

11:30 PM Grand Ballroom closes.

Sunday, 28 June 1998

7:30 AM Hospitality room and AWA Reunion Information Desk opens (Grand Ballroom).

8:00 AM REUNION BUFFET BREAKFAST will be available until 10:30 AM in the Grand Ballroom to accommodate most of the Reunion attendees leaving that day. This is always a good time for last farewells and for discussing plans for future reunions. MENU: Fresh Fruit Salad; Array of Chilled Fruit & Vegetable Juices; Assorted Breakfast Pastries, Scrambled Eggs; Hash Brown Potatoes; Bacon & Link Sausage; Biscuits & Gravy; Hot & Cold Cereals; Coffee (reg. & decaf.) and Tea. COST: \$12 per person must be paid when sending in your Registration Form, and you will surrender a meal ticket at the Breakfast.

If any reunion attendees have very early airline departure times on Sunday morning, they should use the HENRY VIII Hotel Restaurant and not select this optional breakfast buffet on their Registration form.

10:30 AM AWA scheduled Reunion activities end. Next AWA Reunion in the year 2000.

11:00 AM BRANSON TOUR Buses will depart from the HENRY VIII Hotel (see page 9).

12:00 AWA Hospitality room and AWA Reunion Information Desk closes. □

COMMEMORATIVE ITEMS FOR SALE

On the back of the Reunion Registration Form you will find information about ordering commemorative caps and shirts. The screen print commemorating the AWA '98 Saint Louis Reunion will appear on the White 65/35 Poly/Cotton mesh-back cap (one size fits all) and on the upper left front of the White 50/50 cotton/polyester Polo/Golf Shirt. The shirt has a 3-button placket, full collar, with knitted/banded sleeves, it is NOT a T-shirt. With a large enough order, the price should be no more than: Cap - \$7; Shirt - \$12. If you would like to have your name embroidered on the shirt for an additional \$1.50, choose EITHER your first name or nickname (ten letters maximum). Your choice will be embroidered on the shirt in black letters. These items are suitable for both men and women. You must order them when sending in the Reunion Registration Form and pick them up at the reunion (no mail orders). If ordered, they may not be returned for reimbursement. To trade a shirt for a different size — place a note on the Reunion Bulletin Board.

More 1998 reunion information

REMINDER TO ALL MEMBERS planning to attend the Reunion:

You must select the minimum reunion package which includes the hospitality rooms, hosted bars, two dinner functions, Saturday evening dance band, programs, taxes & gratuities and more. No credit will be given for omission of any of these scheduled activities. Come on, where else can you get all of that for \$70? Saint Louis + Scott AFB area members: give yourself and your spouse a break from the routine; have 2 meals out that reunion week and enjoy mixing with a great crowd. In order to offer the tours at rock-bottom prices (our negotiated low military reunion group cost), buses are full charters planned at 47 passengers per bus. We will keep a standby list until more tour reservation requests permit chartering additional buses. The tour and bus reservation order is based upon receipt of your form. **BEST BET - SEND YOUR REUNION REGISTRATION FORM IN EARLY!** Send it in by 15 May and you will be eligible for the drawing of a **FREE** room at the **HENRY VIII** Hotel or Holiday Inn. □

HOW SHOULD YOU DRESS?

Except for the Saturday evening banquet where coat and tie would be suggested for men (but if you don't have them, come anyway), casual wear is appropriate at all times. Saint Louis climatology below is from AWA Board member, Wayne McCollom (previously of USAFETAC fame).

Average Temperatures (°F):

	Jun 24	Jun 25	Jun 26	Jun 27	Jun 28
HI	87	87	88	88	88
ME	78	78	78	78	78
LO	68	68	68	69	69

Record high 105; Record low 43

Sunrise 5:38 AM; Sunset 8:30 PM

Month of June: avg. # days with thunderstorms = 7.2

Normal no. of days greater than .01 inch precip = 9.5

Normal no. of days greater than 1.0 inch precip = 1.1

REUNION NAME BADGES:

PLEASE - YOU MUST WEAR OR DISPLAY YOUR NAME BADGE AT ALL TIMES WHEN: (1) IN THE AWA HOSPITALITY ROOMS, (2) BOARDING THE BUSES, (3) AT THE MEAL FUNCTIONS and (4) if you want 10% off the meal prices in the **HENRY VIII** Restaurants. Your name badges will also be your admission and tour bus ticket

for most events. This precaution is necessary to limit the use of AWA Reunion facilities, meals, and tour functions to those who have paid for the reunion and its optional events, **AND** to be readily identifiable to your compatriots who haven't seen you in years.

PLEASE DO NOT INVITE LOCAL FRIENDS TO PARTICIPATE IN REUNION ACTIVITIES UNLESS YOU HAVE PAID AND REGISTERED THEM BEFOREHAND AS YOUR GUESTS. No one will be registered at the reunion nor tours sold or exchanged by the reunion committee at the hotel. If you wish to buy, sell or exchange tour tickets at the reunion, you can place a notice on the Reunion Bulletin Board. Please see the other conditions concerning cancellations and liability as printed on the Reunion Registration Form. □

WHY THE 1 JUNE CUTOFF? WHY CAN'T WE REGISTER AT THE REUNION?

The short answer is — your AWA Board of Directors are under contract for tours, buses, meals and printing for our reunion program. We must give vendors both money and numbers of participants as much as two weeks prior to a scheduled activity. All the bookkeeping is being done by the Reunion Organizer in Georgia. Add in mail time to the vendors in Saint Louis and 1 June is the latest date to meet the contract terms.

AWA Board members could pad the price of meals and tours by additional dollars and have extra money to allow later cancellations and registrations. However, this association charges you just the cost of an activity. By having full-charters, not accepting walk-in registrations, and having free labor by Board members and local member volunteers who also pay to attend, we have been able to make these reunions affordable for the greatest percentage of AWA members. □

YOUR AWA BOARD OF DIRECTORS ARE CHARGED WITH ORGANIZING REUNIONS EVERY TWO YEARS FOR THE BENEFIT & ENJOYMENT OF ALL AWA MEMBERS. PLEASE DON'T LET THE RULES ON REUNION ATTENDANCE OR SCHEDULE OF EVENTS DETAILED IN THIS NEWSLETTER DETER YOU FROM ASKING QUESTIONS or FOR SPECIAL NEEDS. For questions and more information, please contact Don Farrington, our reunion organizer, at: 4149 Silver Hill Court, Lithonia, Georgia 30058-6978; Tel: (770) 985-2240 (between 6 PM and 10 PM Eastern Time please); e-mail: Cdfcsf@aol.com OR contact Kevin Lavin at (334) 213-0388 or AirWeaAssn@aol.com. □

IF YOU HAVEN'T ALREADY, PLEASE TAKE THE TIME NOW TO ✓ YOUR PERSONAL DATA IN THE JANUARY 1998 ROSTER. If any changes are required, even if it is just an area code or ZIP code change, please send them as soon as possible to Freeman Smith, the AWA locator. His snail mail and e-mail addresses are on the Roster's front cover. In addition, if you plan on moving before February 1999, make a note to notify Freeman or you may miss the next issue of the annual AWA Roster and Newsletter. Thanks in advance for your help in keeping our locator file current. ☐

HELP YOUR AWA GROW

When you check the new AWA Roster and note someone is not listed, you can help your Association grow by sending the enclosed membership application to that person. Many individuals do not yet know the AWA exists. With your urging they may join and attend the June 1998 reunion.

Copy the application if you can and provide it to others. Keep copies on file for the right occasions.

Have you considered giving a gift membership in the Association? It makes a great "I'm thinking of you" present. It also makes an inexpensive award that lasts a lifetime.

AWA Newsletter

Editor: J. Kevin Lavin

Published at least annually by Kevin & Carol Lavin, Air Weather Association, 6704 Wolke Court, Montgomery, Alabama 36116-2134.

Tel/FAX: (334) 213-0388

e-mail: AirWeaAssn@aol.com

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Submit newsletter items directly to the Editor for publication in the next edition or for the AWA Home Page: <http://www.geocities.com/Pentagon/2695>

ADVERTISEMENTS ARE NEEDED

Advertisements help defray the costs of AWA activities, awards, publishing, and mailing newsletters, rosters and correspondence. Ads help keep our lifetime membership costs low. We also accept Ads as barter for placement of AWA information in other publications. All members are requested to help find Ad sources. Please pass them to the Newsletter Editor. *Thanks to John Lasley, Jimmie Smith and Bob Palmer for advertisements in 1998.*

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MAKE RESERVATIONS NOW FOR A FUN TOUR OF BRANSON MISSOURI — after the AWA 1998 REUNION

Thanks to John Collens, a tour to Branson, Missouri after the AWA reunion has been arranged. This is a "you cannot beat this offer" 4-day, 3-night tour to see the best shows and excursions that Branson offers. If you are already planning a trip to Branson — HOLD OFF!! The AWA Branson tour from Sunday, 28 June to Wednesday, 1 July 1998 will save you the extra expense of a separate trip to Missouri and provides a better group rate. First-class hotel, meals, entertainment, transportation — the AWA package has it all. *This tour was initially restricted to 144 and it is now open to 240. As of 28 February 1998, over 150 reservations have been made.*

The Costs. The price per person (pp) double occupancy for lodging, taxes, luggage handling, a travel guide, three breakfasts, three dinners, six shows and two tours, local Branson transportation to all events, welcome reception, and gratuities (lunches are on your own) depends on transportation chosen:

- round-trip motorcoach from Saint Louis - \$440 pp (single \$530; triple \$410 pp; quad \$395 pp)
- drive your car to Branson - \$400 pp (single \$490; triple \$370 pp; quad \$355 pp).

MAKE YOUR RESERVATION NOW. Call 1-800-221-5692 (Branson Vacation Reservations) and identify yourself with "Air Weather Association". A \$50 per person deposit will be charged to your credit card (or you can send a check) to guarantee your reservation. **The balance by check or credit card is due by 14 June 1998.** Cancel by 14 June and your money will be returned.

The Branson Tour Schedule. Deluxe, air-conditioned, rest room equipped motorcoaches will depart the AWA reunion Henry VIII Hotel on **Sunday, 28 June 1998** at 11:00 AM — right after the reunion brunch. You will arrive at the Branson Park Inn at 4:00 PM where your escort joins the group and a welcome reception follows. [Members driving their own cars are expected to arrive at the Branson Park Inn by 4:00 PM to join the tour activities.] After the welcoming reception and hotel room check-in, this program follows:

- 5:30 PM dinner at Mesquite Charlies Restaurant
- 8:00 PM Jim Stafford Show

Monday, 29 June:

- 8:00 AM breakfast buffet at Peppercorn Restaurant
- 9:30 AM scenic Ride the Ducks Tour of Branson and Table Rock reservoir in amphibious Ducks
- 11:00 AM shopping time at Engler Block & Mountain Man shops.
- 2:00 PM Osmonds Family Show
- 4:30 PM Dinner at Brass Apple Restaurant
- 7:00 PM Andy Williams Show

Tuesday, 30 June:

- 8:30 AM buffet breakfast at Roy's Loft in Roy Clark Theatre
- 9:30 AM Doug Gabriel show at Roy Clark Theatre
- 3:00 PM big band Glenn Miller Orchestra and Bobby Vinton show
- 5:15 PM Dinner at the Cowboy Cafe
- 8:00 PM Mel Tillis and Brenda Lee Show

Wednesday, 1 July:

- 8:00 AM check out of hotel
- 8:30 AM Breakfast buffet at the Golden Corral Restaurant
- 9:30 AM depart for Saint Louis (or elsewhere if driving on own)
- 2:00 PM arrive airport (Saint Louis) drop-off if flying out that day or back to the Henry VIII Hotel (hotel offers AWA members the reunion room rate if Wednesday night stay is planned)

[Itinerary is subject to change, pending show schedule changes and seating availability. Branson Vacation Reservations reserves the right to make suitable itinerary changes as necessary, based on show schedules and availability.]

For more information on Branson see the Internet Home Page: <http://www.bransonvacation.com> or request information from Branson Vacation Reservations at 1-800-221-5692. □

— Video for sale —

FORECAST FOR VICTORY

In this video developed by The Weather Channel for the 50th Anniversary of the end of WW II, discover the intriguing role the forces of nature played for each side and how changing weather impacted the outcome of the Second World War.

The AWA purchased 100 of these from The Weather Channel to provide to members at a discount price of \$16.00 (includes mailing within USA). AWA members desiring a copy can send a request along with a check for \$16.00 payable to "AWA" to: AWA, 6704 Wolke Court, Montgomery AL 36116-2134.

LAST CALL TO JOIN AWA MEMBERS ON A MEDITERRANEAN CRUISE

Here is a reminder – the newest, largest cruise ship in the world, the GRAND PRINCESS, will sail with some AWA members aboard visiting various ports in the Mediterranean Ocean. The better cabins are nearly sold out. If you want to join the group at its "can't beat our price", then dial 1-800-642-2469 (THE CRUISE PEOPLE), ask for Karen and get any info or brochure you need to make a decision.

Our AWA member and group leader, John Collens and wife Barbara, are paying their own way. The free cabins earned by our group will be awarded as shipboard credit to everyone, as much as \$200 per person. Our block of staterooms start at \$2361 per person, double occupancy, plus round-trip air. Outside cabins with private balcony start at \$2947 and very few (if any) are left.

Need a roommate? Five widows and a widower are among the 42 persons who have made the required, reimbursable \$600 deposit. The group is composed entirely of retired persons with a military background and/or spouse. You'll fit in nicely.

The 13-day, 12-night cruise itinerary: board Grand Princess 30 August 1998 at Istanbul, sail next afternoon to Kusadasi (port for Ephesus, Turkey), then Athens, Venice, Naples, Livorno (port for Florence and Pisa, Italy), Monte Carlo, Barcelona, and disembark the morning of September 11. At each of these stops you are all day in port for sightseeing. A BIG PLUS: at Istanbul, Venice and Barcelona you'll have additional time there while overnight aboard in port.

NO OTHER TOUR AGENCY BEATS OUR GROUP PRICE WITH SHIPBOARD CREDIT. CHECK IT OUT. IT'S FIRST-CLASS ALL THE WAY. Contact THE CRUISE PEOPLE, 10191 W. SAMPLE RD., SUITE 215, CORAL SPRINGS FL 33065. Questions? Talk to the owner, Karen, toll-free at 1-800-642-2469. A \$600 per person deposit will be due when you make your cabin selection. ☐

Did you know? — On 21 March 1942, a weather detachment was formed at Tuskegee Institute, AL to support 2 all-black fighter squadrons. AAF Weather Service's only all-black weather unit was commanded by 1st Lt Wallace P. Reed, who completed the aviation meteorological cadet program at MIT.

Limited Number of Books Still Available

Flying the WEATHER — The Story of Air Weather Reconnaissance by Otha C. Spencer.

After three years of research, writing and editing, *Flying the WEATHER* has been published. AWA member, Otha Spencer began his recon experience in 1944 as a pilot with the 2nd Weather Reconnaissance Squadron, flying B-25Ds on route reconnaissance over the North Atlantic. The book details the history of weather reconnaissance from his experiences, his passion for the mission and from the many personal stories, interviews and correspondence he received. He thanks the many members of the Air Weather Reconnaissance Association, Air Weather Association and the Pacific Air Trackers for their help. At the 1994 AWA reunion in Tucson, he received so much research material, he had to buy an extra large flight bag to carry it home. He was an Air Force Pilot from 1941-1946. He is a professor emeritus of journalism at Texas A&M University in Commerce, the author of eight books and hundreds of magazine articles, and a commercial photographer.

The soft-cover books are available directly from the author at \$14.95 plus \$3 for shipping/handling for a total of \$17.95 (Texas residents add \$1.01 for sales tax.) On request, the book will be autographed by the author. Please write clearly the person to whom the autograph should be addressed to.

To order copies send a request to: Otha C. Spencer, Route 2 Box 54, Campbell TX 75422, include a check or money order for the total payment and provide a clearly printed or typed mailing address. ☐

References

Historical information in this newsletter such as in Necrologies, *Did you know?* and *Years Ago* sections was checked against or directly obtained from:

Air Weather Service: Our Heritage 1937-1987, A Military Airlift Command Historical Office Special Study by Rita M. Markus, Master Sergeant Nicholas F. Halbeisen and John F. Fuller, and Edited by James K. Matthews and Joylyn I. Gustin, Military Airlift Command, USAF, Scott AFB, Illinois, July 1987.

25 Years Ago — 3 March 1973, the last AWS unit in Republic of Vietnam (Det 1, 10WS at Tan Son Nhut AB) was inactivated.

— In Memoriam —

(Please see the 1998 AWA Roster for a listing of deceased members we have been notified about since the 1997 Roster. These individuals should be remembered by all of us for their great contributions to our Association, Air Force Weather and indeed—our nation. Our deepest sympathy goes out to their remaining spouses and other family members. Time and space unfortunately limits us to printing a small number of obituaries. The following were submitted by members.)

Lt. Gen. THOMAS S. MOORMAN (1910-1997) SEVENTH COMMANDER OF AIR WEATHER SERVICE (23 April 1954 – 27 March 1958)

The son of an Army officer, Thomas Samuel Moorman, was born at the Presidio of Monterey, CA on 11 July 1910. He attended John J. Phillips High School in Birmingham, AL, and in 1933 he graduated from the United States Military Academy at West Point, with a commission as a second lieutenant. He then entered the Air Corps Flying Training School at Randolph Field, TX. He earned his pilot wings in October 1934 and was assigned to the 4th Observation Squadron, 5th composite Group at Luke Field, Hawaii. In October 1936, he married Miss Atha Grace Gullion, the daughter of an Army judge advocate who was chief prosecutor in the court martial of Major General Billy Mitchell. The Moormans raised four children.

In July 1936, Second Lieutenant Moorman was promoted to first lieutenant and was assigned to the 97th Reconnaissance Squadron at Mitchel Field, NY for a 12-month tour. In 1937, he entered the field of meteorology, obtained a masters degree from the California Institute of Technology, and embarked on a sphere of activity that would dominate the next 20 years of his career. In 1938, he was assigned as assistant station weather officer at Randolph Field under Captain Don Z. Zimmerman (3rd Commander of AWS). He also served as assistant instructor for meteorology at the flight school there. In 1940, First Lieutenant Moorman teamed with Captain Zimmerman to write the first Army-published *Weather Manual For Pilots*. He was promoted to captain on 5 October 1940 and major on 22 July 1941. Moorman was part of a six-man team that formed a Weather Research Center at Bolling Field which became a weather central for long-range forecasting. In July 1941, Major Moorman was assigned to Air Corps Headquarters in Washington, D.C., where he served as Chief Climatologist, Assistant Director of the Air Corps Research Center, and liaison officer to the U.S. Weather Bureau. A joint Army-Navy-Weather Bureau central was formed in February 1942, based on a recommendation by Moorman, and it later became the Joint Weather Central. He was promoted to lieutenant colonel on 23 January 1942.

On 1 May 1943, the 21st Weather Squadron, the first fully-mobile squadron trained exclusively for combat, was

activated at Bradley Field, Connecticut, and Lieutenant Colonel Moorman became its regional control officer. He was promoted to colonel in August 1943 and assumed command of the 21st on 1 September 1943, then located in England. On 16 October 1943, Colonel Moorman became staff weather officer to, and later director of weather to the Ninth Air Force in the European Theater of Operations. In 1944, Colonel Moorman also functioned as the liaison officer for the American First Army commanded by Lt. Gen. Omar N. Bradley.

In 1945, Colonel Moorman returned to the U.S. as Deputy Chief of Staff, Air Weather Service under Colonel Don Yates (5th Commander of AWS). A year later Colonel Moorman became the air weather officer at Headquarters Army Air Corps until he entered Air War College in 1947.

In January 1949, Colonel Moorman was sent to Tokyo as Commander of the 2143rd Air Weather Wing; he also served indirectly as staff weather officer to General of the Army Douglas MacArthur. In August 1951, he became Deputy Commander of Air Weather Service under General William O. Senter and received his first star in September 1952. On 23 April 1954, he was appointed Commander of Air Weather Service, and in October 1956 he received his second star. He left AWS in March 1958 as Colonel Norman L. Peterson assumed command. In April 1958, Major General Moorman assumed command of the Thirteenth Air Force at Clark Air Base, Philippines, and on 28 July 1961 he became Vice Commander in Chief, Headquarters, Pacific Air Forces, Hickam AFB, Hawaii. That same year he was promoted to lieutenant general. On 1 July 1965, he became Superintendent of the Air Force Academy at Colorado Springs, CO. General Moorman has been the longest serving Superintendent to date. He retired from the Air Force in 1970 with 37 years service to his country.

Significant events during General Moorman's tenure as AWS Commander include installation on 20 June 1954 at Maxwell AFB, AL, of the first radar specifically designed for meteorological use (AN/CPS-9); activation of the Joint Numerical Weather Prediction Unit at Suitland, Maryland, in July 1954 (with AWS' Dr. George P. Cressman as director); the First Issue of the AWS Command Newspaper, the *Observer* published in November 1954; WB-50Ds first delivered to AWS in 1955; first formal treatise on AWS doctrine, AF Manual 105-6, *Weather Service for Military Agencies*, published December 1956 and included AWS capabilities and limitations; on 7 June 1957, first AWS Commanders Awards presented; expansion of Global Weather Central, Offutt AFB, NE, following the closure of the USAF Weather Central at Suitland in 1957.

In later years, General Moorman served as President of the Friends of the Air Force Academy Library, a trustee of

the Falcon Foundation, and a member of the board of directors of the Air Academy National Bank, as well serving on other corporate boards. He was also very active in environmental issues, serving on the Colorado Air Resources Board and as an Advisor to the National Oceanic and Atmospheric Administration.

General Moorman died in Sterling, VA on 23 December 1997 and his funeral was held at the Air Force Academy on 29 December. He was preceded in death by his wife in 1988 and is survived by his four children: Margaret Demchuk, Allyn Moorman Sullivan, General Thomas S. Moorman, Jr., and Robert W. Moorman; his sister, Betty Moorman, and eight grandchildren.

JAMES H. 'STORMY' LOGAN JR. (1919-1997)

Retired Lt. Col. James H. "Stormy" Logan, Jr., departed this life on July 8, 1997, in San Angelo, Texas. Stormy, as everyone called him, was born on November 11, 1919, in Dallas. Stormy was a 32nd Degree Mason for 50 years and retired from the United States Air Force in 1975. During his life in the Air Force he went to weather forecaster, modern weather techniques and radar weather training schools. Stormy also was in a prison camp in Germany for 11 months and 29 days. He worked at the Pentagon under the Kennedy administration and was a forecaster for Air Force One flights for both President Kennedy and President Johnson. He helped provide the weather support for the Air Force One flight returning to Washington with President Johnson and President Kennedy's body after Kennedy was assassinated in Dallas.

When he retired from the Air Force, he was a professional meteorologist. He also attended the University of Houston. Stormy and Dee were married August 26, 1943, and had celebrated their 50th anniversary before the loss of their son. Stormy was preceded in death by his parents and his son he loved very much, James W. Logan.

Stormy is survived by his wife, Dee of San Angelo; a son and daughter-in-law, Robert H. and Karen Logan of Aurora, Colorado; a daughter and son-in-law, Cissy and Joe Johannessen of Woodville; one sister, Elizabeth Logan of Dallas; two grandsons, B.J. Logan and Chris Logan; and granddaughters, Lynn, Phyllis, Paula, Cindy and Christy. Stormy also is survived by a host of friends that thought the world of him. Stormy always had a joke and a smile for his friends and family. This is why it was a comfort for the family that he just fell asleep and departed this life peacefully. The family requests that anyone wanting to honor Stormy to just remember his smile and laughter or send a donation to a favorite charity.

Colonel WILLIAM E. CUMMINS II (1926-1997)

William Edward Cummins II, 70, retired U.S. Air Force colonel, died Sunday, August 3, 1997. Born November 20, 1926, in Tacoma, Washington, he had been a resident of Hampton, Virginia for many years and was a member of St. Joseph Catholic Church. As a member of the Knights of Columbus, a Third Degree Ceremony was conducted in his honor in June 1997. He was a graduate of Gonzaga Prep High School in Spokane, Washington, Washington State University, Saint Louis University, the Armed Forces Staff College and the Industrial College of the Armed Forces.

Col. Cummins served in the U.S. Navy during World War II and then served 30 years in the U.S. Air Force in various weather service-related assignments. Included in his postings were tours in Turkey, Germany and Vietnam. He commanded the 5th Weather Squadron at Ft. McPherson, GA, 1968-1969, and 1st Weather Wing in Hawaii, 1974-1975. From 1975 through 1978, he served as the senior staff weather officer to the Air Staff, Headquarters U.S. Air Force, Washington, D.C.

Included among his many awards and decorations were the American Campaign medal, Vietnam Service Medal, Vietnam Gallantry Cross with Palm, the Bronze Star, Meritorious Service Medal and the Legion of Merit.

In January, Col. Cummins was preceded in death by his wife of 46 years, Catherine M. Cummins. He is survived by a daughter, Denise; son-in-law, Dr. Gary Shaffer; and granddaughter, Lisa, all of Chapel Hill, N.C.; brother-in-law, Dr. Louis Hall of Elliott, Iowa; and many nieces and nephews. A Mass of Christian burial was celebrated at St. Joseph Catholic Church in Hampton by the Rev. Joseph Majewski, interment with full military honors was held on Monday, August 11, in Arlington National Cemetery. Donations may be made to the Holy Family Retreat, P.O. Box 3151, Hampton, VA 23663.

Bill and Cathy gave extraordinary support to Air Force Weather, the Air Weather Association and all people they met — they would always do more than their share as evidenced by their great help at the AWA 1996 reunion in Hampton. They were grand hosts, always smiling, enticing others to enjoy life and never even mentioning their problems with cancer. When asked, they would always be positive, showing their great faith. Becky Mason wrote, There's no doubt about it, our loss is Heaven's gain. At Bill's funeral, the Priest quipped that when Bill went through the Pearly Gate, it probably squeaked; prompting Bill to say — Hey Pete, if you've got some WD-40, I'll fix that for you. That's just the kind of people Bill and Cathy were — always focused on helping others.

Colonel JOHN D. SHARP (1929-1997)

John "Jack" Douglass Sharp, Colonel USAF (Ret.), born in Philadelphia on August 19, 1929, died at his residence in Holland, Pennsylvania, on May 27, 1997. He graduated from Florida State University with a B.S. in Mathematics in 1953. He immediately went on to receive a B.S. in Meteorology in 1954 from The Pennsylvania State University. In 1962, while serving as an Air Force Weather officer, he earned his M.S. degree in Meteorology from Florida State University.

His 21-year career in the Air Weather Service began in 1953. Until 1965 he served as a forecaster, aerial weather observer, climatologist, and computer systems analyst in places as diverse as Alaska and Morocco. From 1965-70 he was the principle architect and operational manager of the Automated Weather Network (AWN), a pioneering world-wide computer network that gathered weather data over the entire globe and moved it to a central point for analysis and forecasting. This system revolutionized weather data collection and distribution. The AWN immediately became a national resource, simultaneously providing the same data base to the Air Force, Navy and U.S. Weather Bureau faster than ever before.

From 1970-71 he was Assistant Director of Operations at the Air Force Global Weather Central, coordinating weather support requirements of DoD agencies plus the national intelligence community. He then became Chief of Analysis and Forecasting at Global from 1971-73 as AWS weather centers around the world were being closed and AFGWC was taking on more world-wide centralized responsibilities. From 1973 until his retirement in 1974 he was Chief of Aerospace Sciences at 3rd Weather Wing supporting, Headquarters Strategic Air Command.

After retirement, Jack joined Northern Natural Gas Company in Omaha, Nebraska as their corporate meteorologist. In 1985, he retired from Northern and Founded Vortex, Inc., Weather Consultants. He sold Vortex to the Omaha NBC affiliate in 1987 and served as their senior meteorologist until retiring to return to his roots in Pennsylvania where he and his wife of 47 years, Almira (Mortimer) Sharp, could be closer to both of their families.

Jack's list of interests and achievements is as diverse as it is long. It was at FSU in 1952 that he became National NCAA Champion on the Swinging Rings. For his gymnastics achievements Jack was inducted into Florida State's Hall of Fame in September 1997. He received an M.S. in Agency Counseling in 1977 and enjoyed counseling clients in his home in Omaha. His final period of retirement found him active as a tutor of English as a Second Language through Volunteers in Teaching Alternatives. He also served on the Military Council of the Center for Defense Information. Jack's favorite aspect of being involved with these groups was making new friends.

Jack's pride in his service to his country and his passion for meteorology culminated in an unfinished book, "Cold Fronts," that he enjoyed putting together from a historical and biographical perspective. He was able to relive his Air Weather Service Career during the Cold War. In his final years he also enjoyed analyzing the parallels between his love of the sky with the uncertainty of weather prediction and the uncertainty of living with cancer and how the human mind copes when faced with such realities. Almira, their four children, and remainder of his family and friends will always remember Jack as a man who continually sought new challenges, who succeeded at each endeavor he undertook and whose love for learning and sharing was contagious. Almira penned that, *She and Jack certainly enjoyed the AWA reunion in 1996. It was a great boost for Jack to see so many good, old friends.*

Lieut. Colonel DAVID M. LUDLUM (1910-1997)

David M. Ludlum died at his home in Princeton, NJ on 23 May 1997. He was born in East Orange, NJ in 1910 and although interested in weather, he obtained degrees in history: a Bachelor's and Doctorate at Princeton and a Master's at the University of California at Berkeley. In 1941, after teaching high school history for three years and the war in Europe escalating, he went to Washington and talked to Capt. Arthur Merewether, Chief of the Weather Section at HQs Army Air Corps. He enlisted in the Army and asked for meteorology work. He trained as an observer at Mitchel Field, NY and soon went to Chanute for forecaster training. He rose quickly to technical sergeant and was accepted for officer candidate school. As a 2nd Lt., he was assigned to the 12th Weather Squadron and led a mobile unit to North Africa in December 1942. As a battlefield forecaster, he rose in rank quickly and in February 1944, Capt. Ludlum was asked to make the forecast for the bombing of Cassino, Italy. Lt. Gen. Clark dubbed it "operation Ludlum," the only WW II operation named for its weatherman. This was picked up by *Time* and *Newsweek* and the notoriety actually helped the AAF Weather Service get more appropriations. He rose to the rank of Lt. Col. before leaving military service. When returning home, he sold weather instruments for Bendix Corporation and then in 1947, he formed Science Associates. During that year, he also worked a short time as one of the nations first television and radio weather forecasters on WCAU in Philadelphia. Always interested in weather, education and writing, he published the first issue of *Weatherwise* magazine in February 1948 [The 50th Anniversary issue was recently published containing a number of Dave Ludlum's signature articles and shorter notes.] His love for history surfaced again in 1963 when he began publishing a series of 12 books on American →

weather history. He sold the Science Associates weather equipment business in 1978 and sold the magazine to Heldref Publications. He continued providing articles to *Weatherwise* and authored the "Weatherwatch" column until 1994. His final book, *The Audubon Society's Guide to North American Weather*, was published in 1991. Dave easily won for himself the title of America's premiere weather historian.

A memorial service was held for Dave at Princeton University. He is survived by his wife, Rita (Manion) Ludlum, whom he met while she was an executive assistant at AMS headquarters. He is also survived by a daughter, Carol Collier of Trappe, PA; four sons, Kenneth of Hillsborough, CA, David A. of New York City, Peter of Mission Viejo, CA and Stephen of Newton, MA; and eight grandchildren.

See more information on Lt. Col. Ludlum in *Thor's Legions: Weather Support to the U.S. Air Force and Army, 1937-1987* by John F. Fuller, 1990, published by the American Meteorological Society, Boston. Also see, *America's Weather Warriors 1814-1985* by Charles C. Bates and John F. Fuller, 1986, published by Texas A&M University Press, College Station.

Colonel WILLIAM M. MAINTZ SR. (1920-1997)

William Martin Maintz, Sr. was born in Germany on 7 July 1920 and died at the Citrus Memorial Hospital, Inverness, Florida on 9 March 1997. A graduate of Moravian College, class of '42 and also of New York University, Colonel Maintz enjoyed a successful 28 years in the Air Weather Service. His last duty was with the Military Airlift Command in the Inspector General's Office at Scott Air Force Base in Belleville, Illinois. After retirement from the Air Force he served eleven years in secondary education as an Algebra, Geometry and Aviation teacher in Freeburg, Illinois. He then retired to Dunnellon, Florida. He is survived by his wife, Mina, of Dunnellon, Florida; a daughter Marlene Swain of Littleton, Colorado; a son William of Lake St. Louis, Missouri; and three grandchildren William of Houston, Texas, and Wade and Allison both of Lake St. Louis, Missouri.

60 Years Ago — Capt Leon W. Johnson, one of the 22 Charter Officers in the Army Air Corps Weather Service was the first commander (Jul 37-Jul 40) of the Third Weather Squadron, originating at Barksdale Field, LA. In August 1943, Col. Johnson as a B-24 pilot, led one of four bomber groups over Ploesti, and was one of five to receive the Congressional Medal of Honor for that significant raid. He retired in July 1961 as Air Deputy, Supreme Allied Command Europe. General Johnson passed away at age 93 on 10 November 1997.

America Commemorates Satellite Launch

Press Release from: Cape Canaveral Air Station, FL -

Forty years ago on 31 January 1958 at 10:48 p.m. EST, the United States celebrated its first successful satellite launch into space, forever changing America's means of communicating, navigating, and monitoring weather and exploring the universe. [TIROS I launched 1 April 1960.]

"It's amazing to think in early 1958 America had just one satellite in orbit. Today, if you include other nations, there are more than 500 satellites in orbit, which will be joined by another 1,200 to 1,500 in the next decade," said Brig. Gen. Randy Starbuck, 45th Space Wing commander.

The historic 1958 launch catapulted America into a space race led by the Russians, four months before.

The satellite launch came after two one-day delays due to winds. Crammed into its tiny payload section, Explorer I carried instruments to study the space environment and two radio transmitters to send information back to Earth.

Microphones in the forward section measured micrometeorite impacts. Temperature sensors measured payload and hull temperatures, and helped the United States evaluate the use of surface coatings for passive temperature control. The most important instrument was a Geiger Counter designed by Dr. James Van Allen of the University of Iowa to measure the intensity of cosmic ray radiation around the Earth. This region is now known as the Van Allen Radiation Belt.

The satellite made more than 58,000 orbits around the earth, traveling at speeds of more than 17,000 mph. Explorer I ceased transmission of data on 23 May 1958, when its batteries died, but remained in orbit for more than 12 years. It made a fiery re-entry over the Pacific Ocean on 31 March 1970.

"In 1958 it was Explorer I; today we have Cassini on its way to Saturn. And, as we look at the future it is important to realize that commercial and military developments of space are vital to our economy and national security," said Starbuck.

Space Launch Weather Support History

The US Air Force's 45th Weather Squadron (Patrick AFB - Cape Canaveral - Kennedy Space Center Florida weather support) needs your help in compiling a history of weather support to the space program. If you were ever involved in Launch Weather Support, from the 1940s to the 1990s, they want your narrative history, your stories, your anecdotes, your gossip, copies of your photos, patches, or anything else you think might be useful to create a living history. The 45th Weather Squadron project officer is Captain Mike Hinson. You can reach him at 45 WS/SY, 1201 Minuteman Street, Patrick AFB, FL 32925-3238; DSN 854-7426; Commercial phone: (407) 494-7426; or e-mail: michael-hinson@pafb.af.mil. □

OTHER ATTRACTIONS IN ST. LOUIS

In addition to the scheduled AWA reunion activities and tours, Saint Louis offers many other attractions for reunion attendees, families and guests to see on their own. More details will be at the AWA Reunion Desk at HENRY VIII.

ST. LOUIS CARDINALS are in town 19-21 June with the Diamondbacks and 22-23 June with Detroit, but out of town during the AWA Reunion dates. Tours of Busch Stadium can be arranged; call 314-421-3060. Busch Stadium is a stop on the MetroLink.

INTERNATIONAL BOWLING MUSEUM AND St. Louis Cardinals HALL OF FAME located at 111 Stadium Plaza, next to Busch Stadium. Ancient Egyptians and Fierce Vikings — What do they have in common? Bowling! Discover these and many more unusual facts as you explore bowling's 5,000 year-old history in a 50,000 square foot, state-of-the-art sports museum. Bowling is included in admission. After you tour the Bowling Museum, visit the St. Louis Cardinals Hall of Fame. Open seven days a week. Call them at 314-231-6340.

PROLOGUE ROOM AT MCDONNELL DOUGLAS CORPORATION A look into the exciting history of flight. The aerospace exhibit is available from 9:00AM to 4:00PM. The exhibit tells a panoramic story of more than 75 years of aviation progress from the company's earliest biplanes to its latest jets. Scale models, dioramas, paintings and photographs depict such important events in aviation history as the first flight around the world in 1924, the first takeoff of a jet fighter from a U.S. Navy carrier in 1946, and the first aircraft to land at the South Pole in 1956. Separate displays tell the story of the company's part in the development of commercial and military aviation. They feature large-scale models of the F-15 Eagle, F/A-18 Hornet, and AH-64 Apache combat aircraft, MD-80 and MD-11 jetliners, and military and commercial helicopters. The centerpiece of the exhibit contains full-size engineering mock-ups of the Mercury and Gemini spacecraft. The Prologue Room features a collection of original aviation art by company artists, including oil paintings by Chuck Wood and R. G. Smith, whose work is also displayed in the National Air and Space Museum in Washington, DC.

This tour **WILL NOT** include a tour of the factory where the F/A-18 is currently being produced. Maximum: 15 per van. **COST:** Free. **Tour Includes:** Transportation to and from Prologue Room. The tour is self guided and the facility is equipped with a wheelchair ramp and wheelchair accessible rest rooms.

CASINOS

There are a least 7 different riverboat casinos in and around the St. Louis, St. Charles and Alton, IL area.

FOREST PARK TOURS Daylight Hours; Reachable by Car, or MetroLink. Bounded by I-64, Kingshighway Blvd, Lindell Blvd and Skinker Street is the site of the 1904 World's Fair, which contains the Art Museum (Free Admission), Science Center (Free Admission), Zoo (Free Admission), Jewel Box, History Museum (Free Admission), 2 Golf Courses and The Muny, all connected by the free Shuttle Bug which connects to the MetroLink.

* St. Louis Art Museum is one of the leading art museums in the nation today. The Museum dates back to the early years of the century, when famed architect Cass Gilbert designed the building as the only permanent structure of the 1904 World's Fair. The first municipally-supported art museum in the nation and is proud to be dedicated to art and free to all.

* St. Louis Science Center is a playground for your head. Explore more than 600 free exhibits, purchase a ticket and see the OMNIMAX Theater presentation with its four-story domed screen and 15,000-watt sound system. Purchase another ticket and visit the Planetarium and travel through space without leaving your chair — with star show and other family programs, and see the full-size animated dinosaurs and much more.

* St. Louis Zoo is world-class with over 6,000 animals from 662 animal species and its all free. The park is on 90 beautifully landscaped acres and has the Zooline Railroad for the kids. Natural habitat areas include Big Cat Country, Jungle of the Apes and the new Bird Garden. See the Living World with its interactive video learning experiences, the Cheetah Survival Center, the Sea Lion Show and the Zootique.

* The Missouri History Museum features four levels, 15 galleries and a free audio-visual show. Highlights of St. Louis history include St. Louis in the Gilded Age and the 1904 World's Fair exhibit — and its free.

* The Muny is the country's oldest and largest outdoor musical theater presenting new Broadway show tours and classic revivals with top stars each summer. For 80 seasons, the Muny has produced the best of Broadway at the beautiful facility. Check with the Muny for shows available and tickets at 314-361-1900.

SIX FLAGS ST. LOUIS

Located on I-44 and Six Flags-Allenton Road in Eureka, Missouri. See the new Mr. Freeze Rollercoaster; Batman the Ride; Looney Tunes Town; Miss Kitty's Mystery Theater and Warner Brothers Backlot. Open daily. Call 261-938-4800 for ticket prices and more information.

SCOTT AIR FORCE BASE, ILLINOIS

Located off I-64 about 40 miles east of the HENRY VIII Hotel. Facilities could not handle large tour groups. Small group tours may be available (see the AWA Information Desk). Members are welcome to visit Scott on their own.

UNIT & ASSOCIATION REUNIONS —

6th Weather Squadron (Mobile) Alumni Association The next reunion is being planned for 24–27 June 1999 in Oklahoma City. The date and agenda will be confirmed within the next few months. For further information, contact Don Garbutt at: 204 W Ercoupe Drive, Midwest City OK 73110; (405) 737-3285.

Air Weather Reconnaissance Association (AWRA) held a reunion at the Broadwater Beach Resort, Biloxi, MS from 8–12 October 1997. Hank and Nancy Turk did super work in organizing and hosting a great reunion. **The 1998 reunion is scheduled for 23–26 September in Kansas City.** Reserve your rooms now at the Marriott Hotel, 10800 Metcalf, Overland Park, Kansas 66210; Tel: 913-451-8000; FAX: 913-451-1547. The reunion discount hotel rate is \$75 per night. Glen and Janet Sharp are arranging great activities including a tour of Whiteman AFB to view the B-2 and the Missile Museum on Friday, 25 September, and on Saturday, a tour of the Arabia Steamboat Museum. For more information contact the 1998 Reunion Organizer and AWRA Membership Chairman, Glen E. Sharp, 306 Sunset Lane, Belton, MO 64012; (816) 331-2039.

15th & 20th Weather Squadrons Association reunion will be held with the AWA reunion, **24–28 June 1998 in Saint Louis, MO.** A squadron dinner is being planned. For questions regarding the 15th and 20th Weather Squadrons Association contact: Bill Becker, 7714 Signal Hill Road, Manassas, VA 22111-2516; (703) 368-3919.

WW II 17th Weather Squadron Association — Weather Merchants will have their next reunion with the AWA reunion, **24–28 June 1998 in Saint Louis, MO.** A squadron dinner is planned. For information contact, Jim Van Dyne, 725 N. Hawkins Ave, Akron, OH 44313; (330) 867-3754. He'll be back from Florida in mid-April.

18th Weather Squadron will hold a reunion with the AWA at the Henry VIII Hotel in Saint Louis, MO from **24–28 June 1998.** A squadron dinner is planned. The 18th Weather Squadron will also have a mini-reunion with the 8th Air Force Historical Society in Cherry Hill, NJ, 13–18 October 1998 at the Hilton. Contact Art Gulliver, 5119 South 81st Street, Omaha NE 68127; 402-331-4032 for details. The 18th Weather Squadron members are helping set up a

weather display at **The Mighty Eighth Air Force Heritage Museum in Savannah, GA.** The Museum has many indoor and outdoor exhibits and displays, a growing reference library, welcomed its 100,000th visitor on 7 November 1997 and will celebrate its 2nd birthday with a celebration on 15-16 May 1998. To check on special events at this new museum call 1-800-421-9428 or view their Internet website at: <http://www.mighty8thmuseum.com>

Space Coast – Central Florida region AWA will have their Annual Spring BBQ Dinner on Saturday, 25 April 1998 at the Indian River Colony Club, Melbourne, Florida. All Air Force Weather alumni are welcome. Those who have attended either the Holiday Social or Spring BBQ within the past three years will receive notice of the April BBQ. Any others interested may receive notice by contacting Hyko Gayikian, 510 South River Oaks Drive, Indialantic FL 32903-4615 or e-mail Cas Mendez-Vigo Jr. at Cmendezv@QUANCON.COM.

21st Weather Squadron, 40th Mobile Comm Squadron, AAF, WW II are planning their next reunion for late in October 1999 in the State of Florida. For details as they unfold, contact: Irv Kirch, 34 Hoss Road, Indianapolis, IN 46217; (317) 786-6858; e-mail: IRV8@juno.com

3349th Technical Training Squadron, Dept. of Weather Training, (Chanute Instructors) This group is made up of weather forecaster and weather observer course instructors and support personnel assigned to Chanute from the period of the mid-40s through the mid-50s. **They will hold their next reunion with the AWA in Saint Louis, 24–28 June 1998.** They plan to have a welcoming reception on Wednesday evening, 24 June; a special squadron banquet on Thursday evening and a squadron hospitality room. For further info and/or to be added to their mailing list, write to: Paul W. Schlotterbeck, 3349th TTS Reunion Coordinator, 1130 Ashley Way, Susanville CA 96130-6013; (530) 251-2462.

NAVAL WEATHER SERVICE ASSOCIATION is celebrating its 24th annual reunion at the Marriott Sawgrass Resort in Ponte Vedra Beach, Florida from 24–28 June 1998 [interesting coincidence — same dates as AWA]. For more information contact Jerry Struck, 3450 Peoria Road, Orange Park FL 32065-7625; 904-269-3840; e-mail: glvsusn@prodigy.net; Home Page: <http://pages.prodigy.net/ragness>





