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South Carolina Aeronautics Commission Aviation Newsletter

No. 6

JUNE 77

Vol. 27

NEW COMMISSIONERS APPOINTED



Norris M. Thomas



James T. Anderson

Governor James B. Edwards has appointed two new members to the South Carolina Aeronautics Commission. Mr. Norris M. Thomas of Charleston was appointed Commissioner from the first District. He replaces Col. Richard J. Schriver whose term had expired. Dr. James T. Anderson of Chester was appointed Commissioner from the Fifth District. Dr. Anderson replaces Commissioner David S. Harter who resigned.

Mr. Thomas began his Aviation Career early in World War II at the CAP antisubmarine Patrol Base

at Charleston. He also worked at Carolina Skyways on James Island. After a tour of duty in the U.S. Maritime Service, he obtained his pilots license in 1945. Mr. Thomas has over 9,000 hours flying time with 4,000 hours as a Flight Instructor and has a Commercial Pilots License, Instrument Rating an Instructors Rating for Multi-engine Land and Single-engine Land and Sea. He is currently a member of the CAP with the rank of Lt. Colonel and has served with the CAP for 28 years. He is employed in the Engineering Department at Westvaco in North Char-

leston.

Dr. Anderson is a former Marine Corps Fighter Pilot. He completed 22 ½ years service in the USMCR. He has over 3,000 hours flying including the F-8U, F-4J and F-9F jet fighters. Dr. Anderson graduated from the University of Georgia in 1964. He is a Veterinarian in Chester.

The new Commissioners were introduced by Mr. Hamilton at the May meeting.

HAWTHORNE AVIATION

For many, it was the first ride in an airplane. For almost all, it was the first time to see Charleston from the air. The event was the 'Bevo' Howard Memorial Fly for Life Day.

On Sunday, May 15th Hawthorne Aviation sponsored a day of airplane rides for the benefit of the Charleston Chapter of the American Cancer Society. The flights left the Charleston Municipal Airport went South over the city and harbor area, then along the east side of town back to the airport. Piper Lances and Archers were used for the flights.

The program began at 10:00 a.m. and over three hundred took advantage of this opportunity to see Charleston from the air and to contribute to the Cancer Crusade.

The event began several years ago as a tribute to the late 'Bevo' Howard of Hawthorne. Each year, Howard, an internationally famous aerobatic pilot, flew a benefit airshow off the Charleston Battery. Vernon B. Strickland, President of Hawthorne Aviation, described the event as, "Our company's way of making that same contribution."

SCHOLARSHIPS AWARDED TO TEACHERS

Forty scholarships covering tuition and registration fees have been awarded to South Carolina public school teachers for the 25th Annual Aviation Workshop which is scheduled for July 11 through July 29, 1977 at the School of Education, University of South Carolina.

This is a workshop in practical aviation for teachers of the South Carolina public schools. Participants will be given a general orientation in aviation and its related fields. Emphasis will be placed on ways of introducing aviation into the classroom, the use of aviation as motivation for projects, and preparation for teaching a course in aviation education.

Numerous representatives of the aviation industry have been secured as guest lecturers. Field trips and experience flights will be included in the workshop program. Persons enrolled in the workshop will visit several of the military and civilian air bases throughout South Carolina. Experience flights will be provided by the airport operators serving the area and by the military aviation units.

The workshop will be under the direction of Mr. John F. Barry, Deputy Director of the South Carolina Aeronautics Commission. Students who complete the work successfully will receive three hours of credit.

This program is made possible through the co-operation of the Civil Air Patrol, airlines serving South Carolina and fixed base operators of the State. We also get excellent co-operation from the Army, Air Force and Marine Aviation units.

OLD SOUTH FLY-IN

Old South EAA Fly-In will be held at Woodward Field, Camden, S.C. on June 3-4 & 5.

No radios required but Camden unicom will operate from Friday till Sunday 122.8 MHZ for your convenience and safety. This will be the eighth meeting of the Old South.

On Saturday evening at 8:00 p.m. the awards banquet will be held, with 20 trophies to be awarded in the antique, classic, warbird, and homebuilt aircraft categories. The banquet will be held at the Camden Shrine Club.

Bring your own tie downs as in past years and mark your calendar June 3, 4, & 5. For more information contact T. I. Weston, Rt. 1 Box 27, Lexington, S.C. 29072 or call telephone 1-803-799-3735 or at night 1-803-356-2482.

BREAKFAST CLUB NEWS

On May 8th, the Breakfast Club meet at the Clarendon County Airport. Over 100 people were present, and 37 airplanes were counted. The meeting proved to be most enjoyable for everyone.

On Sunday, May 15, we had a special meeting in Spartanburg. The Rotary Club of N. Spartanburg hosted the meeting which was included as part of the plans for kick-off day of International Week in Spartanburg. Although, the weather was somewhat poor in certain areas of the state, there were 26 planes and 63 people in attendance. Everyone enjoyed this meeting, which included entertainment by a great barber shop quartet. Incidentally, the airconditioned buses were just super for transportation to and from the airport.

We are sorry to report that the May 22 meeting at Chester was scratched because of poor visibility

including foggy conditions all over the state. We are hoping to be invited back to Chester in the near future. Everyone was looking forward to going back there on the 22nd. Inasmuch as we had one of our largest crowds to date there last year, we were hoping to surpass that number this time.

Our Schedule is as follows:

June 5 Camden
 June 19 Newberry
 July 3 Georgetown

Anne Hawkins, Secretary

NOTAMS

GREENWOOD - The Greenwood Airport now has three qualified weather observers.

By having qualified observers on the field, lower minimums are authorized on instrument approaches

HEMMINGWAY-STUCKEY - A radio non directional beacon has been commissioned at the Hemmingway Stuckey Airport. The frequency is 236 KHZ and the identifier is HEK. The beacon was supplied by Southern Avionics and installed by Bob Girdler of Omnitronics and commission personnel. The installation was financed with 50% local funds and 50% Aeronautics Commission funds.

GEORGETOWN - The FAA has approved funds for runway resurfacing and taxi way construction at the Georgetown County Airport. This will be a joint State, Federal, and Local project.

The Aeronautics Commission still has funds available for radio aids to navigation, visual approach slope indicators and rotating beacon on a 50 - 50 basis with local communities.

FAA NOTESWEIGHT AND BALANCE REQUIREMENTS

A recent amateur-built aircraft accident cost two persons their lives.

One requirement for certification of any amateur-built aircraft is weight and balance information derived from actual weighing of the aircraft. This information must include aircraft empty weight, empty weight center of gravity, the anticipated gross weight of the aircraft, and center of gravity range.

During the initial flight testing within an assigned flight test area, the builder must determine that the aircraft is controllable and that it has no hazardous operating characteristics or design features. Equipment may have to be relocated, ballast added, or control travels changed during the flight test period in order to obtain the required flight characteristics. This information should be recorded in the aircraft log prior to requesting FAA removal of flight test area restrictions in order to substantiate compliance with Section 91.42 (b) (1) & (2).

Advisory Circular AC 43.13.1A, Chapter 13, contains detailed information on weight and balance. In addition, Advisory Circular AC 91-23 presents weight and balance control from an operational standpoint.

RECENT ACCIDENTS IN SOUTH CAROLINA

RC112 - Propeller blade separation - No injuries
C-180 - Intentional ground-loop after landing to avoid collision with aircraft on take-off - No injuries
Starduster - Two fatalities - being investigated.

WRITTEN TESTS SCHEDULED

FAA written tests to be given in Greenville on June 8, and July 13, 1977, and in Charleston on June 15, and July 20, 1977. For details of testing places, times, etc., check with FAA Facilities or FBO's.

UPCOMING AIR SHOWS IN SOUTH CAROLINA

June 5, 1977	1:30 - 3:30 p.m. - EAA FLY-IN - Camden Barry Brock and Claude Horton Aerobatics
June 10, 1977	Myrtle Beach AFB 12:45 - 1:00 - British Vulcan Aircraft Aerial Demonstration 1:00 - 1:35 - U.S. Army Golden Knights Parachute Team 1:35 - 2:00 - USAF-A-10 Aerial Demonstration 2:25 - 3:45 - USAF Thunderbird Airshow
June 12, 1977	1:15 - 2:45 - LAN-YAIR Country Club - Spartanburg Jim Holland and Lindsey Hess, Aerial Demonstration William S. Meadows, Balloonist Charles T. Shealey, Parachutist

FAA NOTES

BUSTED MINIMUMS

The National Transportation Safety Board recently released safety information appealing to all instrument-rated pilots to "approach every instrument flight as you did your first".

They related information where both pilots and four of the six passengers aboard a Gates Lear Jet died when the small twin jet crashed 1,000 yards short of its destination runway. The two surviving passengers were seriously injured.

Weather at the accident site at the time of the crash involved a ceiling of 300 feet and visibility of ¼ mile or less in fog and freezing rain. This was below the flight's landing minimums.

The air taxi pilot had an ATP certificate and nearly 10,000 hours of total flight time, more than 1,400 of them in actual instrument flight.

"There is no solid evidence to prove why this veteran pilot made such fundamental errors in judgment", the Board said. "He could have refueled when he boarded his passengers, but he did not. He could have made an intermediate stop for refueling. He did not. He chose to continue to his destination and attempt a landing when he was low on fuel and the weather was deteriorating. He descended through his published minimum altitude and crashed; he had insufficient fuel remaining for IFR requirements--enough to reach an alternate field and fly for another 45 minutes at normal cruise."

The Board cited "improper IFR operation" as the probable cause of the accident. Contributing factors

listed were the pilot's "improper inflight decisions or planning", his "inadequate preflight preparation and/or planning", and the low ceiling and fog. The Board said the weather forecasting was substantially correct.

"The lesson for the instrument-rated pilot in this accident is that every phase of an instrument flight--from very first stage of preflight planning to engine shutdown at the blocks--demands objective, by-the-book decision-making", the Board said.

"The 'I-gotta-get-there' attitude of the VFR pilot, who flies on into more weather than he is equipped to handle, causes hundreds of needless general aviation accidents every year. That approach to decision-making is all the more tragic when an Airline Transport Pilot seems to fall victim to it", The Board said.

GADO's NEW HOURS

The Columbia GADO will go on a new schedule for the summer months. Beginning May 31, the hours of operation will be 8:00 a.m. until 4:30 p.m. Monday through Friday.

AIRCRAFT REGISTRATION

South Carolina law requires that all aircraft based and operated in South Carolina be registered with the South Carolina Aeronautics Commission by the 1st of July 1977. Registration forms will be mailed this month. We ask your cooperation in returning these forms to us as quickly as possible.

CALDWELL WINS LANDING CONTEST



Charles Caldwell

Charles Caldwell, of Gramling, S.C., was declared winner of the State Championship Accuracy Landing Contest.

Four Regional winners participated in the contest which was held at Camden on May 1, 1977. It was originally scheduled for Aviation Day at Greenville, on April 23, but was cancelled because of IFR weather.

Charles, flying one of Bill Hawkins' Cessna 150's, landed between the markers on all three of his landings. He was the Regional winner at Spartanburg having beat his wife by 2 points. Other contestants were Hans Bagnal of Columbia, Sgt. Perry Moore of Parris Island and Mrs. Jackie Godwin of Florence. L. R. Stone, who won at Aiken, and Jack Gurley, winner at Anderson, were not able to participate at

Camden.

The championship trophy and trophies for the six regional winners were donated by the Stuart Hope Agency, who specializes exclusively in aviation insurance. We certainly appreciate Stuart's continued support of our aviation programs.

The judges for the contest were Billy Lynam of Sumter, Frank Kelley Columbia GADO, Bill Hawkins of Hawk Aviation, and Quentin Webber of Camden.

All four of the Regional Winners did an excellent job and the scores were very close. Interest in the contest is growing every year. Seventy-five pilots participated on the Regional level this year.



Caldwell, Bagnal, Godwin, Moore

S.C. WING CIVIL AIR PATROL

MSGT Gary Buyers, USAF, from the Liaison Office of the South Carolina Civil Air Patrol, was selected recently as the top NCO for the year for the entire United States at the Middle East Region conference, held near Staunton, Virginia. The selection committee, Comprised of high-ranking officers from the USAF CAP, made their selection based on administrative ability, professional knowledge, and military bearing.

Buyers, a 14 year veteran of the USAF, had previous military assignments in Hawaii, Washington, DC, and the Ascension Islands. Shown in the picture presenting the award to MSGT Buyers is Brig. General Carl Miller, USAF, Executive Director of the Civil Air Patrol.

FROM WALTERBORO COMPOSITE SQUADRON

Lt. Richard F. Price, Squadron Information Officer, reports on his recent activities in the Walterboro area. Price recently presented a program on the CAP to local high school students resulting in 15 of

these students requested to attend the next regular meeting of the squadron. He has also arranged with the local radio station to air CAP news and happenings through taped interviews.

FROM ANDERSON COMPOSITE SQUADRON

C/LTC Stanley James was elected to be Vice Chairman of the Middle East Region conference held recently near Staunton, Va. James has been a very active cadet member of the CAP for the past several years, and is currently a rising sophomore at Clemson University.

FROM WING HEADQUARTERS

Squadron Commanders, cadet and senior members of the Civil Air Patrol, should request all members who are interested in receiving the S.C. Aeronautics Commission Newsletter, should send your name and address to Jack Barry, P.O. Box 1769, Columbia, S.C. and request to be placed on the mailing list. Send it in care of the S.C. Aeronautics Commission.