

ANNUAL REPORT

of the

South Carolina Aeronautics Commission



FOR THE YEAR ENDING NOVEMBER 30, 1958

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Printed Under the Direction of the State Budget and Control Board

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LETTER OF TRANSMITTAL

To His Excellencey The Governor of South Carolina:

It is my honor to present to you the report of the South Carolina Aeronautics Commission on its functions and activities for the year ending November 30, 1958.

Respectfully submitted,

JOHN GREGG McMASTER, Chairman South Carolina Aeronautics Commission

FOR THE YEAR ENDING NOVEMBER 30, 1958

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SOUTH CAROLINA AERONAUTICS COMMISSION

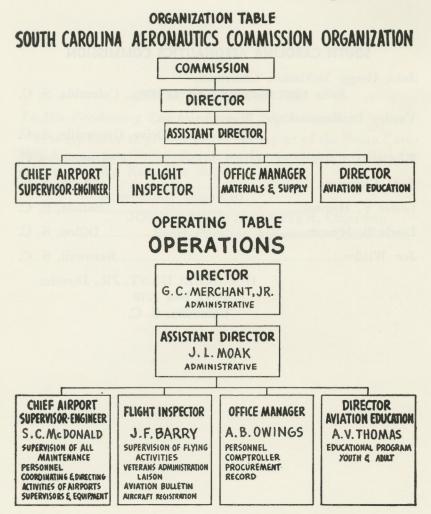
John Gregg McMaster, Chairr Suite 1000, Security	nan, Federal Bldg., Columbia, S	s. C.
Vardry D. Ramseur, Jr., Vice- 212 Ri	Chairman, iverside Drive, Greenville, S	s. c.
Edwin P. Carroll, 24 Market	StreetCharleston, S	5. C.
J. C. Cloniger	York, S	5. C.
Lester F. Hémbel	Saluda, S	s. C.
Lewis B. Hyman		s. C.
Joe Wilder	Barnwell, S	5. C.
GC	MERCHANT JR Directo	r

P. O. Box 1176 Columbia, S. C.



THE COMMISSION

Created by Act of the 1935 General Assembly, the Aeronautics Commission is charged with the fostering, promotion and regulation of aviation in South Carolina in cooperation with local and federal agencies. A seven man Board appointed by the Governor comprise the Commission, one from each of the Congressional Districts and one at Large, govern the functions of this activity through the Director, appointed by this Commission. The term of each Commissioner is for a four-year period.



COMMISSION PERSONNEL

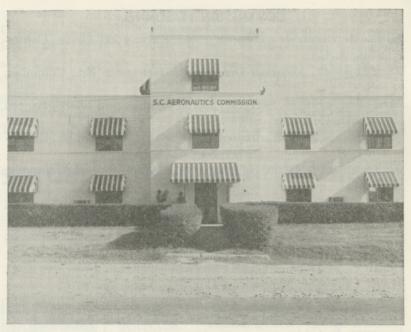
- G. C. Merchant, Jr., Director, 5655 Ravenwood Drive, Columbia, S. C.
- Jack L. Moak, Assistant Director, 1551 Brennen Rd., Columbia, S. C.
- Mrs. Gladys Snipes, Secretary to the Commission, 10301/2 Kinard Court, Columbia, S. C.
- Mrs. Theresa McNair, Stenographer, 28191/2 Blossom St., Columbia, S. C.
- A. B. Owings, Office Manager, 209 Woodrow St., Columbia, S. C.
- A. V. Thomas, Director Aviation Education, 5104 Furman St., Columbia, S. C.
- J. F. Barry, Flight Inspector, 312 Myles Avenue, Columbia, S. C.
- Smith C. McDonald, Chief Supervisor, RFD 4, Florence, S. C.
- H. K. Crowther, Supervisor, Box 344, Anderson, S. C.
- C. S. Youngblood, Supervisor, Barnwell, S. C.
- Grover C. Collins, Supervisor, Rt. 1, Municipal Airport, Florence, S. C.
- Daniel F. Reeves, Supervisor, Box 51, Walterboro, S. C.
- C. E. Sanders, Shop Foreman, RFD 1, Leesville, S. C.
- S. G. Shealy, Mechanic, 616 Etiwan Street, Columbia, S. C.
- W. E. Meadows, Electrician, 909 Kingswood Dr., Columbia, S. C.
- Robert Gates, Machine Operator, 1232 Jensen St., West Columbia, S. C.
- S. J. Howard, Machine Operator, Florence, S. C.

R. W. McKerley, Machine Operator, Barnwell, S. C.

- Johnny Johnson, Machine Operator, Florence, S. C.
- J. L. Tate, Machine Operator, Box 344, Anderson, S. C.

Morgan Kirby, Laborer, Florence, S. C.

- John Hammond, Laborer, Anderson, S. C.
- Henry Cochran, Janitor, RFD 4, Columbia, S. C.



HEADQUARTERS-S. C. Aeronautics Commission, Owens Field, Columbia, S. C.

DEPARTMENT ACTIVITIES

The tremendous advances made in the field of aviation, military and civilian during 1958 have been felt by all segments of the aviation industry.

As a result, problems directly related to such advancements have confronted many phases of the industry. For example the pure jet transport has entered air carrier service on a scheduled basis. Heretofore, the phrase "justification for expenditures for adequate air service" has simply been unimpressive. However, the requirements now outlined for modern day airports and their accompanying facilities required by a community in order to realize the "jet age" benefits, have been strongly outlined to communities seeking industrial expansion in competition with other sections of the country.

It is encouraging to know that plans for the construction for such an airport in the Piedmont area have been formulated and these plans will, in the near future, be presented to the congressional delegation of that area for their consideration.

GENERAL AVIATION

Industry and communities of South Carolina will all benefit from three new airports now being constructed within South Carolina.

The South Carolina Congressional Delegation granted a total appropriation of \$74,000.00 to be used as matching funds with the Federal Government for the construction of these new installations.

The South Carolina Aeronautics Commission recently received \$163,000.00 from the U. S. Corps of Engineers for construction and improvements to the Crescent Beach Airport. This amount represents one-half $(\frac{1}{2})$ of the approved grant. Improvements and construction work on this airport are expected to be completed during 1959.

AIRSPACE

Problems pertaining to airspace have played an extremely important part in the activities of this office during 1958. An outstanding example is the controversy between the State and other civil factions versus the Department of the Navy. Beaufort Air Station, operated by the Marine Air Corps has requested approximately 364 sq. miles to be classified as a joint restricted area. The approval of such a request would seriously curtail the flying activities of all other segments of aviation including air carrier and industry owned aircraft. This curtailment could very easily be reflected in the retarding of industrial expansions and the overall economy of our State.

The South Carolina Aeronautics Commission, representing both the State and the National Association of State Aviation Officials, maintains from a safety standpoint that action must be taken to separate military and civilian aircraft, but the designation of restricted areas throughout our State is an encroachment upon state rights. Alternate recommendations have been agreed to by joint investigation teams, but the matter remains unresolved at this time.

AMATEUR ROCKET ACTIVITIES

During the 1958 General Assembly, a Bill was submitted and passed placing within this office the responsibility for the approval of all amateur rocket firing activities in South Carolina. Extensive investigation has been made in an effort to acquire a suitable launching range that assures safety to all ground and air borne personnel and property.

In accordance with policies being carried out in other sections of the country between state and defense agencies, attempts have been made to acquire limited, controlled use of one of the present military restricted areas within South Carolina, these being the most logical sites compatible with rocket activities. However, military commanders have thus far declined the use of facilities under their command.

The Civil Aeronautics Board has recently announced the formulation of a proposed ruling on the launching of rockets within controlled airspace. Definite action by the Civil Aeronautics Board will probably be taken within the next few months.

IMPROVEMENT IN SOUTH CAROLINA'S AIR CARRIER SERVICE

In a case before the Civil Aeronautics Board in which the State Aeronautics Commission was a Petitioner, the Great Lakes —Southeast Case and the St. Louis Case, a decision was announced by the Civil Aeronautics Board during the fall of 1958. As a result of this case, which had been in process for several years, South Carolina will benefit by additional service to the south of and including the Great Lakes areas.

At present the Aeronautics Commission is engaged in two air carrier procedures before the Civil Aeronautics Board. One, the Piedmont Local Service Area Investigation, involving service of a local nature, which is vital to the economic interests of the State. The local service carriers, Piedmont Aviation and Southern Airways are involved. As a result of court action, the trunk lines have been admitted into this case, which includes Delta and Eastern Airlines. Piedmont and Southern are proposing to render service to Greenville, Anderson, Spartanburg, Columbia, Myrtle Beach and Charleston. This local service will afford connecting service at the major terminals of Charlotte and Atlanta in addition to service between these points within the State. The proposals of these two carriers closely parallel the Petition of the Aeronautics Commission in this case with the exception of requested service to Wilmington and Norfolk from Myrtle Beach. The Examiner's Hearing will be conducted in this case in April 1959, and it is expected that the Board will render a decision in the case within a year of that date.

The Aeronautics Commission has also petitioned for intervention in the Southern Transcontinental Service Case which was recently inaugurated by the Board. South Carolina is asking the Board to consider its needs in this case in affording one carrier service from South Carolina beyond Atlanta to major terminal points—Jackson, Mississippi; New Orleans, San Antonio, Houston, Dallas-Fort Worth, Albuquerque, Tuscon, Phoenix, San Diego, Los Angeles and San Francisco. This case involves the Southern tier of States from Atlanta and Jacksonville on the East to San Diego, Los Angeles and San Francisco on the West. The boundaries of the case do not include South Carolina, and the Aeronautics Commission feels that it should be an intervenor since the economic needs of the State have a very definite community of interest with these southern states involved.

THE BUDGET

The 1958-59 appropriation for operation of the Commission was in the amount of \$158,608.00 and is itemized as follows:

Salaries (administrative, regulation, training and	
inspection)\$	34,931.00
Equipment Maintenance	7,250.00
Airport Maintenance (salaries)	30,054.00
Operation	48,700.00
Airport Maintenance	25,000.00
Resident Maintenance Supervisors (salaries)	12,673.00
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Total		$\mathbf{D}1$	Ð	D .	ou)8.	.0	Ŀ

AVIATION EDUCATION

The continued expansion of aviation in all its aspects throughout the world emphasizes the need for aviation education. When it is brought home that within its borders South Carolina has jet planes capable of flying from Columbia to Greenville in four minutes and ten seconds, but that Russia has these planes too, and that our Strategic Air Command has planes capable of flying from the United States to any point on earth, delivering a bomb load and then getting away, but that Russia has these planes too, education in aviation takes on new meaning. Then, too, the space age is upon us with Russia having a slight edge both in ballistic missiles and outer space missiles, further pointing the need for youth to be aware of national and local problems dealing with aviation as they approach voting age. Latest figures available show that commercial and general aviation flew a total of 10,900,000 hours in 1957, an increase of 24% over the previous year, and it is expected that 1958 figures will show a similar or greater increase over 1957. Business aircraft outflew the domestic scheduled airlines in 1957 by more than one million hours. (General aviation flew 10.9 million hours and traveled 1,400 miles, by comparison the airlines on domestic scheduled flights flew 3.6 million hours and traveled a total of 785 million miles).

Aviation is now and has been for over two years the largest employer of persons in the United States surpassing even the automotive industry. For these reasons, and for many others, aviation education must not be limited to youth alone, but must be made available to all who are willing to learn.

FUNCTIONS OF THE AVIATION EDUCATION DEPARTMENT

The fifth Aviation Education Workshop was held at the University of South Carolina during the summer of 1958 directed by John F. Barry of the Commission's staff and A. V. Thomas, the Commission's Director of Aviation Education. Thirty teachers, the maximum allowable, attended the three weeks workshop for three semester hours of credit, either graduate or undergraduate. Experts in various fields of aviation came from all over the country to lecture the group, and field trips to military and commercial fields were part of the course to make the class room work more meaningful. Flight experiences were also provided: Delta Airlines provided a night flight in the Columbia area in one of their regular Convair Airliners. Pope Air Force Base in North Carolina provided one of the C-123 cargo and troop carrier planes to take the teachers from Columbia to Donaldson AFB and return, and light plane experience flights were provided by the Commission and commercial operators in the Columbia area. The Commission was aided in presenting the workshop by the cooperation of Delta and Eastern Airlines, the Civil Air Patrol and the Air Force ROTC unit at the University of South Carolina. Also excellent cooperation was received from the Air Force and Air National Guard. At the conclusion of the workshop evaluations turned in by the teachers, unsigned, were flattering in the extreme and pointed out the need for a continuation of this program.

PILOT CLINICS: Another popular feature of the Education Department has been the continuation of pilot clinics started some two years ago. It was found that many pilots in the area were flying planes equipped with expensive radio equipment, but without the knowledge for its effective use. Five pilot clinics were conducted during 1958 where the use of the L/F Ranges, the OMNI ranges, the Automatic Direction Finders and general radio procedures were explained by the Director of Aviation Education. In addition an excellent safety film, "The Flight Decision", was shown at these clinics.

TV: The Director of Aviation Education presented a half hour demonstration of radio aids to air navigation, utilizing audio-visual aids developed in the Commission's shops, over North Carolina's Education TV chain to an estimated audience of 7,000. This program was also viewed by many schools in South Carolina who subscribe to the TV classes or watch on the open circuit.

CIVIC CLUBS: Over two thousand persons were addressed by this department, mostly in groups of thirty to forty, as civic clubs throughout the state have become aware that these programs are available. Three programs are available to civic clubs, schools, churches, etc. In one, the advantages of flying for business or pleasure are pointed out and a film, "The Flying Business Man," is shown. In another, the talk is on, "The Why and How of Aviation Education", and some of our audiovisual aids are demonstrated to illustrate the talk. The third is a thirty minute film called "Man in Space" which is available to these organizations to show on their own projector. No mention of the South Carolina Aeronautics Commission is made in these talks other than in the introduction. Their purpose is to promote and explain aviation as it is today.

NEWSLETTER: Preparation and publishing of the South Carolina Aviation Newsletter, a bi-monthly publication of the Commission which reaches about 1.175 interested parties, has been the responsibility of the Education Department for more than a year. Current facts and figures about aviation, safety hints, news items about state aviation and matters of Commission policy are discussed in the Newsletter.

AIRSPACE: Representing the Aeronautics Commission at both Sub-Committee and Washington Division levels has been a function of this department. The rapidly diminishing airspace in the United States is a very real problem to all of general aviation, and the recent attempts by the Marines to restrict huge blocks of airspace in the Beaufort, S. C. area for their own use has brought this problem home to South Carolina. A careful watch must be kept to prevent the usurpation of South Carolina airspace by the military, and insure general aviation free access to the airspace over the state. It is realized the huge air bases in South Carolina are a considerable asset to the communities in which they are located, and it is also realized that in some cases restricted airspace for their use is a necessity for the sake of safety in flying, but this restricted airspace must be held to a minimum if general aviation is to survive, as well as to protect the state for future industrial development.

PHOTOGRAPHY: In the study of survivable aircraft accidents the Crash Injury Research Institute of Cornell University has asked the former Civil Aeronautics Administration to furnish them with pictures taken at the scene of survivable aircraft accidents. The Aeronautics Commission has cooperated with the local CAA agents in the investigation of aircraft accidents in the state, and in the course of such investigations has furnished the CAA with photographs to be forwarded to Cornell. This photography and subsequent dark-room processing has been the responsibility of the Aviation Education Department. In addition every airport in the state has been photographed from the air and these pictures have been used in the preparation of a state airport directory which is now in the hands of all registered aircraft owners in the state as well as fixed base operators, airport managers, weather bureau stations, etc. This involved the taking and processing of over one hundred aerial photographs. News pictures for use in the Aviation Newsletter are also handled by this department.

AIRPORT MAINTENANCE AND DEVELOPMENT

The major airport maintenance provided was the mowing of landing areas on seventy-five airports and aerial applicator strips throughout the state. This service was provided by permanently based crews located at Anderson, Columbia, Florence, Barnwell, and Walterboro, using mobile high-speed rotary mowers. These mowers were designed and made by personnel of the Aeronautics Commission. One of each is based at the above mentioned bases. Airport boundary markers have been installed at newly developed airports and were repaired where necessary on existing airports. Air marking of communities has continued—repainting where faded or obliterated and additions in other communities. A total of 160 new and faded signs were repainted this summer.

The Commission is continually concerned with the development of adequate airports for the State. It is sincerely hoped that sufficient interest and support can be generated for such facilities in the immediate vicinity of all communities. There is a growing need for such sites.

There are two more airports in the initial stages of engineering. Those are Union and Marion Counties, and these airports will be constructed with State and Federal funds which are already appropriated.

Construction on Dillon County Airport is completed except for surface treating which will be accomplished this spring and this field is now open to the public on a 24 hour a day basis.

Rock Hill Airport is well under construction and should be ready for use in late 1959.

Runway lights have been installed at Hampton-Varnville Airport and Bamberg Airport. These fields are available for 24 hour use.

Camden and Darlington County Airports are in the process of being lighted.

One additional runway has been lighted at Florence, and the North side of the big hangar has been completely rebuilt.

MAINTENANCE AND IMPROVEMENTS ACCOMPLISHED ON STATE SYSTEM AIRPORTS SINCE JUNE 30, 1958

Hampton-Varnville-New runway lights on one runway, Administration Building remodeled and caretaker residing in same. Hangar doors rebuilt in one end and field disced and releveled.

Bamberg-NE-SW runway lighted.

Aiken-NE-SW runway lighted with medium intensity lights. Florence-Runway lights installed on L.F. instrument approach runway. North side of large hangar completely rebuilt.

Anderson-Administration Building repainted interior and exterior.

Darlington-Materials acquired to light 3,000 ft. of NE-SW runway.

- Walterboro-New transformer installed on field lighting system, metal siding completed on nose end hangar.
- Crescent Beach—Engineering and master plans being completed for extensive rebuilding.
- Georgetown-Hangars repainted with rust preventive paint and taxi-ways cleared of scrub growth.

Isle of Palms-Boundary Markers painted.

Ridgeland-Grass cutting.

Estill-Grass cutting.

- Newberry-Approaches cleared, runways of scrub growth, along edges and boundary markers painted.
- Barnwell-Chlorea soil sterilent broadcast on NW-SE runway for weed control.
- Statewide—All airports in the State have been kept in a safe condition through scheduled mowings which was accomplished with four mobile rotary mowers in addition to all above maintenance. 160 new and repainted airmarkers were completed using two seasonal temporary airmarking crews.

REGISTRATION OF AIRCRAFT

In its function of promoting aviation in South Carolina and in the enforcement of rules and regulations promulgated by the Commission in keeping with provisions of law, it is required that all aircraft based within the state must be registered with the Commission. There is no fee attached to such registration. Scheduled air carriers and aircraft used exclusively by the U. S. Government are excluded by these provisions. This registration is required on an annual basis and appropriate certificates are issued. Included in the registration program is a listing of aircraft that are voluntarily registered for civil defense by owners in the South Carolina Civil Defense Plan. This is known as the Security Control of Air Traffic; this plan operates on procedures approved by the Air Force, Civil Aeronautics Administration and the Department of the Navy. The state is divided into seven districts for this purpose.

During the year 1958, the following numbers and types of aircraft were registered by the Commission:

	1958
Conventional type aircraft	365
Agricultural aircraft	
Total	451
Aircraft based in South Carolina	402
Out-of-State aircraft registered in S. C.	49
Total	451
Percentage of aircraft registered for Civil Defense	
Number of aircraft seating 1 to 3 passengers	293
Number of aircraft seating 4 or over, passengers	158
Total	512
Number of aircraft applicator pilots registered	58

AVIATION IN AGRICULTURE

Although acreage in cultivation has been decreased considerably due to the soil bank program, aviation has continued to provide the farmers of South Carolina with one of the best means available for the application of insecticides. The use of aircraft in spraying and dusting crops, forests, and in mosquito control employs over 50 pilots and some 90 aircraft. The Commission closely supervises these operations and issues licenses to qualified pilots. Minimum requirements for an agriculture pilot in South Carolina are a currently valid CAA commercial license, a minimum of 300 hours pilot time and at least 25 hours of supervised flying time in aerial application under the direction of a qualified applicator. Aircraft used in this work must be properly certificated and provide adequate protection for the pilot.

1958 saw the introduction of two new helicopter companies in South Carolina. The Conair Helicopter Company of Spartanburg, operates two helicopters in power line patrol, weed control and other phases of applicator work and Inland Airlines, Inc. of Myrtle Beach also operates two helicopters in this type work in addition to their charter passenger business.

The helicopter has proven to be very successful in aerial application and a great increase in this type aircraft is expected in the next few years.

The Commission publishes a roster of licensed applicators each year.

REPORTED AIRCRAFT ACCIDENTS IN SOUTH CAROLINA 1 January 1958 to 31 November 1958					
Date	Type Aircraft	Injuries	Damage	Nature of Accident	
Jan. 1, 1958 Feb. 16, 1958 Feb. 27, 1958 Mar. 8, 1958 Mar. 10, 1958 Mar. 13, 1958 Mar. 21, 1958 Mar. 23, 1958 Mar. 30, 1958 April 11, 1958 April 12, 1958 April 12, 1958 April 20, 1958 April 20, 1958 May 21, 1958 May 24, 1958 May 24, 1958 June 15, 1958 June 15, 1958 June 15, 1958 June 29, 1958 June 30, 1958 June 31, 1958 June 31, 1958 June 32, 1958 June 32, 1958 June 32, 1958 Aug. 21, 1958 Aug. 24, 1958 Aug. 25, 1958 Aug. 24, 1958 Aug. 24, 1958 Aug. 25, 1958 Aug. 25, 1958 Aug. 26, 1958 Aug. 27, 1958 Aug. 27, 1958 Aug. 28, 1958 Aug. 28, 1958 Aug. 29, 1958 Aug. 28,	Cessna 182 Piper PA-18 Piper PA-28 Cessna 140A Piper PA-22 Cessna 140A Piper PA-22 Culver LF A Cessna 140 Piper PA-18 Piper PA-22 Funk B-85 Piper PA-16 Aeronca Champion Beech Bonanza Beech Bonanza Beech Bonanza Beech Bonanza Cessna 140A Luscombe 8-A Piper J-3 Piper J-3 Piper J-3 Piper J-3 Piper J-3 Piper J-3 Piper J-3 Piper J-3 Piper J-3 Cessna 170-B Piper J-3 Cessna 140 Diper J-3 Cessna 140 Piper J-3 Cessna 140 Piper J-3 Cessna 140 Piper PA-18 Piper PA-18 Piper PA-22 Piper PA-22 Piper PA-18 Piper PA-22 Piper PA-18 Piper PA-22 Piper PA-22 Piper PA-18 Piper PA-22 Piper PA-22 Piper PA-18 Piper PA-22 Piper PA-22 Piper PA-22 Piper PA-22 Piper PA-22 Piper PA-18 Piper PA-22 Piper PA-22 Piper PA-22	2 Fatal	Major. Major. Major. Minor. Destroyed. Major. Destroyed. Major. Destroyed. Major. Minor. Destroyed. Major.	Exhausted fuel, forced landing in lake. Engine failure on simulated forced landing. Hard landing collapsed nose gear. Student taxied into another aircraft. Pilot taxied too close to transport aircraft. Exhausted fuel while on instrument approach. Nosed aircraft over while taxing in gusty wind. Engine failure on X-country flight. Forced landing due to weather-overshot field. A/c struck ground while engaged in low flying level. A/c struck wires and fence on simulated forced landing. Struck power line on go-around. Landing gear collapsed on landing. Struck power line on approach. Retracted gear on ground. Propeller failure, crash landing in river. Engine failure. Stalled out of low turn. Exhausted fuel on X-country flight. Ground loop. Overturned by thunder storm. Wing struck ground on take-off. Struck tree while crop dusting. Struck tee while crop dusting. Struck tee while cond dusting. Struck tee while cond take-off. Stalled on X-country flight. Forced landing, spray pump blade failure. Crashed while dusting. Forced landing due to weather. Ran into ditch on take-off. Struck power line while dusting. Forced landing due to weather. Ran into ditch on take-off. Struck to power line while fusion. Forced landing due to weather. Ran into ditch on take-off. Struck to turn on gas.	
Sept. 15, 1958		None	Major	Struck Post on take off from road.	
Sept. 30, 1958 Oct. 12, 1958		None	Major	Struck power line on low level flight. Exhausted fuel.	
Nov. 8, 1958	Aeronca L-16	1 Fatal	Major	Struck house while engaged in low level flying. Engine failure on X-country flight.	

AIRPORTS IN SOUTH CAROLINA

The fixed base operators listed under this heading, for the most part, offer a full aeronautical service including flight instruction, charter flights, aircraft sales, and in many cases, aerial application service to farmers for defoliation, the control of insects, etc. This report indicates a gain of eleven airports during 1958.

Abbeville—Davis Airport (Private)

Location—11/4 mile SE		
Manager-Owner-Ralph Davis		
Runways	Length	Surface
NE-SW		Sod
A/C Facilities-80 octane		

Aiken-Aiken Municipal Airport

Location-7 miles north of Aiken

Manager-S. C. Aeronautics Commission

Runways	Length	Surface
N-S	5,000	Asphalt
NE-SW	5,000	Asphalt
NW-SE	5,000	Asphalt
Lighting-Beacon and Lights on NE/SW	runway	
Maningtional Aida Man dimentional 247 Las	ATV no maine	

Navigational Aids—Non-directional, 347 kc; AIK, no voice Operator—Harold Weathersbee

A/C Facilities-80/87; 91 oct; A&E service; tie down

Allendale—Williams Field (Private)

Location-NE of town		
Owner-Operator-A. P. Williams, Alle	ndale	
Runways	Length	Surface
NNE-SSW		Turf
NE-SW		Turf
NW-SE		Turf
Navigational Aids-VOR (No Voice) "	I.D" 1167 mc	

avigational Alds—VOR (No Voice) ALD 110.7 mc

Anderson-Anderson Municipal

Location—West of city	port	
Owner-Operator-Joint City and S. C. Aeronautics	Commission	
Runways	Length	Surface
5-23	5,000	Asphalt
35-17	5,000	Asphalt

Lighting-Runway lights and beacon

Navigational Aids—non-directional "AND" 353 kc; VOR 22 miles SW of field —"RYN" 114.3 mc.

Communications-Anderson radio-No tower

Operators-Carolina Aero Service-Ben Johnson, Manager

Airline-Eastern Airlines

A/C Facilities-80, 91 and 100 octane, tie downs; storage

Andrews—Overton Field (Private)

Location—3 miles South

Owner-D. D. Overton, Andrews

Runways	Length	Surface
N-S		Turf
ESE-WNW		Turf
ENE-WSW	1,600	Turf
Operator-Andrews Flying Service, D. D. C.	Overton-No service	

Bamberg—Carlisle Field

Location—4 miles SE		
Manager-S. C. Aeronautics Commission		
Runways	Length	Surface
N-S		Turf
NE-SW		Turf
Operator—Bamberg Flying Service		

A/C Facilities-80/87 octane; A&E service

Barnwell-Barnwell Airport

Location-NW fringe of city		
Manager-S. C. Aeronautics Commission	Allendere-Willic	
Runways	Length	Surface
5-23—Lights on Request	5,272	Asphalt
9-27	5,278	Asphalt
16-34	5,118	Asphalt
Operator-Attendant on field		

A/C Facilities-80 octane; tie down

Beaufort-Beaufort County Airport

Location-2 miles ESE		
Owner-Beaufort County		
Runways	Length	Surface
NE-SW	3,300	Turf
A/C Facilities—None		

Location-1 mile NE Manager-Owner-W. S. Rowe, Jr., Bennett		
		Surface
Runways	Length	Surface
N-S	· ·	Turf
NE-SW	,	Turf
NW-SE		Turf
Lighting-Landing strip lights on N-S runy		
Navigational Aids-Rotating white and green		erecu rotat
Operators—Rowe Flying Service; also crop A/C Facilities—80 and 91 octane; storage	dusting and spraying	A lancinging
, ,		
Bishopville—Munici	pal Airport	
Location-2 miles N		
Owner-Lee County		
Operator-J. G. David, Bishopville		
Runways	Length	Surface
NNE-SSW		Turf
E-W	1,800	Turf
A/C Facilities—80 octane		
Bonneau—Porcher Airp	ort (Private)	
Location-4.7 miles NW Bonneau		
Owner-R. D. Porcher, Pinopolis, S. C.		
Runways	Length	Surface
NNE-SSW		Turf
E-W		Turf
Calhoun Falls—Hester M	Amorial Airport	
Location—1.2 miles E	iemonal Anport	
Manager—City of Calhoun Falls		
Runways	Length	Surface
E-W		Turf
A/C Facilities—None	0,000	
Camden-Woodw	and Field	
Location 2.9 miles NE	ara riela	
Manager-Owner—W. A. Grant, Camden		
Runways	Length	Surface
NW-SE		Asphalt
NE-SW		Asphalt
A/C Facilities-80/87, 100 octane; A&E, ma		rophate
Campobello—Campob	bello Airport	
Location-4 miles SSW		
Owner-Otis Clayton	T	
Runways N-S	Length	Surface
	,	Turf
E-W	2,000	Turf
A/C Facilities-80/87 octane fuel		

Charleston—Charleston Municipal

Location-10 miles NNW		
Manager-G. Marion Reid, Jr., P. O. Box	501	NO-DINING
Runways	Length	Surface
3-21		Asphalt
15-33		Asphalt
Runway-10-28 closed		
Lighting-H. I. runway 15-33; obstruction a	and approach lights;	white and
green rotating beacon		
Navigational Aids-VOR 111.6 CHS, L/F	Range 329 kc; ILS	runway 15
(consult appropriate charts)	an Arright	
Communications-Tower 118.3; 126.18 mc and	1 278 kc.	
Operators-Hawthorne Flying Service, John	M. Hawkins, Manag	er
Airline-Delta, Eastern, National		
A/C Facilities—A&E, major repairs; 80, 91 service; storage	and 100 octane; 24	4 hour line
NOTE: Joint operation with military, two-w	ay radio mandatory	

Charleston—Carolina Skyways Airport (Private)

Location-6 miles SSW (James Island)

Manager-W. S. Scott, Resident at Airport, RFD 1, Charleston

Runways	Length	Surface
NW-SE	2,250	Turf
E-W	2,500	Turf
ENE-WSW	2,600	Turf

Operator—Carolina Skyways, W. S. Scott A/C Facilities—80 octane, A&E, storage

Charleston—John's Island Airport

Location—7 miles SW Manager—J. L. Weatherford, 1924 Piper A	Ave., Air Harbor, Ch	arleston
Runways	Length	Surface
18-36	5,000	Concrete
9-27	5,000	Concrete
3-21	5,000	Concrete
Operator-Weatherford Crop Dusting Serv	ices	

A/C Facilities—80 octane, A&E, storage; Unicom

Cheraw-Cheraw Municipal

Location-41/2 miles NNW

Manager	City	of	Cheraw-unattended
Manager-	UITV	OI	Cheraw—unallended

Runways	Length	Surface
NNW-SSE	2,200	Turf
ENE-WSW	2,100	Turf
A A /C TS MUST IT IT IT IT	SO/87 octante fuel	

No A/C Facilities other than tie-down, storage

Chester-Chester Municipal

Location—6 miles north of Chester		
Manager-Owner-Chester Airport Commis	sion	
Runways	Length	Surface
17-35	5,000	Asphalt
5-23	5,000	Asphalt
11-29	5,000	Asphalt
A/C Facilities-None. Drag racing on air	port week-ends.	

Clemson—Temporary Airstrip

Location—2 miles S. Clemson Manager—Clemson College		
Runways	Length	Surface
NE-SW	2,500	Turf
A/C Facilities—None		

Clio-Mack Lamar Field (Private)

Location-2.3 miles NE Clio

Owner—Lamar	W.	McLaurin,	Clio	

Runways	Length	Surface
E-W		Turf
SE-NW	2,050	Turf
A/C Facilities_80 octane		

Columbia—Columbia Airport

Location-6.5 miles SW Columbia		
Manager-City of Columbia		
Runways	Length	Surface
10-28	5,600	Asphalt
5-23	5,000	Asphalt
16-34	4,987	Asphalt
Lighting-H. I. runway; beacon; Appch. lig	ghts R/W 5	

Communications-Tower 119.5, mc. 396 kc

Navigational Aids VOR Columbia radio, 114.7 mc; CAE; L/F 227 kc; ILS Operators-Aircraft Sales & Service; Aviation Enterprises

Airlines-Delta, Eastern

A/C Facilities-80/87, 91, 100 octane; storage; tie-down; Major repairs.

Columbia-Owens Field

Location—SE of City		
Manager-City of Columbia		
Runways	Length	Surface
15-33		Asphalt
7-25		Asphalt
Navigational Aids-LF and OMNI; see in	nformation for Columbia	Airport

A/C Facilities—80/87 octane available by Aeronautics Commission; tie down; unicom

NOTE: Headquarters of S. C. Aeronautics Commission located here.

Crescent Beach—Crescent Beach Airport

Location-1.3 miles WNW Crescent Beach		
Manager-Owner-S. C. Aeronautics Commi-		C (
Runways NE-SW	<i>Length</i> 6,000	Surface Bituminous
Operator-Coastal Flying Service. Charter a		Dituinitious
A/C Facilities—80/87, 91 octane; tie down	and motifiction	
Darlington—Darlington (County Airport	
Location-11 miles North of Darlington		
Manager—S. C. Aeronautics Commission		
Runzeavs	Length	Surface
5-23	5.000	Asphalt
10-28		Asphalt
16-34	5,000	Asphalt
Operators-Gedra Flying Service, Crop Dus tion, service	ting and Spraying	, flight instru
A/C Facilities-80 octane, storage, A&E, rep	oair, unicom	
Darlington—Moore	s Field	
Location—1.8 miles SW		
Owner-Ollie Moore		
Runways	Length	Surface
NNW-SSE	2,300	Turf
A/C Facilities-80/87 octane fuel		
Dillon—Dillon Count	y Airport	
Location-1.7 miles N of Dillon		
Manager-Dillon County Airport Commission	n	
Runways	Length	Surface
ENE-WSW		Turf
A/C Faciities-Parking Area		
Estill—Estill Ai	rport	
Location-2.5 miles SSW		
Manager-S. C. Aeronautics Commission		
Runways	Length	Surface
WNW-ESE		Turf
NNE-SSW	2,500	Turf
A/C Facilities—None		
Estill—Harper's Field	(Private)	
Location-NE section of town		
Manager-Owner-William Harper, Estill		
Runways	Length	
NNE-SSW	2,700	Turf

A/C Facilities-80/87 octane; tie down. Aerial applicator service

Fairfax—Phillips Airport

Location—1 mile S. Fairfax		
Manager-W. F. Barnes, Owner		
Runways	Length	Surface
N-S	2,500	Turf
A/C Facilities-80/87 octane summer only; tie	down	

Florence-Gilbert Field

Location—3 miles ESE

Manager—5. C. Aeronautics Commission		
Runways	Length	Surface
36-18	6,000	Asphalt
5-23	6,000	Asphalt
11-29	5,000	Asphalt
Lighting-Runway lights, rotating beacon-white a	nd green	

Navigation Aids-VOR 115.5 mc; FLO; L/F 320 kc

Communications-Florence Radio

Operators-Powers Flying Service, flight instruction, charter, crop dusting and spraying

Airlines-Eastern Air Lines

A/C Facilities-80, 91 and 100 octane, storage, A&E service

Georgetown—Georgetown County Airport

- Location-4 miles south of Georgetown
- Manager-S. C. Aeronautics Commission

Runways	Length	Surface
5-23		Asphalt
16-34		Asphalt
10-28		Asphalt

Operator-Beacon Flying Service

A/C Facilities-80 and 100 octane, storage, tie down

Greenville—Greenville Municipal Airport

Location-East of City		
Manager-O. L. Andrews, P. O. Box	c 5133	
Runways	Length	Surface
9-27	4,000	Asphalt
5-23	4,200	Asphalt
18-36	5,395	Asphalt

15-33 CLOSED

Lighting-Beacon and runway lights

Navigational Aids-L/F 281 kc, GRL; Instrument Ldg. System (see appropriate charts); Spartanburg OMNI 25 mi. NE; SPA

Communications-Tower, 119.9 mc and 391 kc

Operators-American Aviation Company, K. C. Benbow, Mgr., Brannon Aero Service, Gene Brannon, Mgr., Johnson Flying Service, Luther Johnson,

Owner. Charter, flight instruction, major repair, fuel, storage

Airlines-Delta, Eastern, and Southern

A/C Facilities-80, 91 and 100 octane, major repairs, storage

Greenwood—Greenwood County Airport

Greenwood—Greenwood	County Airport	
Location—3.8 miles N. of City		
Manager—Greenwood Airport Commission Runways	I au ath	Cumbran
4-22	Length	Surface
9-27		Asphalt
18-36		Asphalt
	5,000	Asphalt
Lighting—Runway lights; beacon Operator—Lanford Flying Service, Waymon	Laufand	
Airlines—Southern Airways	Laniord	
A/C Facilities—80 and 91 octane, storage, ma	ion and minon non	
A/C Facilities—60 and 91 octane, storage, in	ajor and minor rep	alls
Hampton-Hampton-Va	nville Airport	
Location-1.6 miles E. Hampton; 1 mile NN	E Varnville	
Manager-S. C. Aeronautics Commission		
Runways	Length	Surface
ESE-WNW		Turf
NNE-SSW	2,785	Turf
A/C Facilities-tie-downs; 80 octane fuel		
Hartsville—Hartsville Mu	nicinal Airport	
Location—2 miles NE	incipal Anport	
Manager—City of Hartsville and Sidney S. '	Ticon Ir	
Runways	Length	Surface
NNW-SSE		Turf
E-W		Turf
Operators—S. S. Tison, Jr.	4,700	1 ui l
A/C Facilities—fuel, storage, tie-downs		
		A
Hemingway-Stuckey—Hemingway-St	uckey Municipal	Airport
Location—4 miles SSW Hemingway	noo my bar, me	C (
Runways	Length	Surface
E-W		Sod
A/C Facilities—80 octane, tie-down	t of City	
Hilton Head Island—Hilton	n Head Airport	
	in mead support	
	in moud support	
Location—7 miles S. Parris Island Airport	in neur rinport	
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways	Length	Surface
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW	<i>Length</i> 3,000	Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W	<i>Length</i> 3,000	
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W	<i>Length</i> 3,000	Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W A/C Facilities—None	<i>Length</i> 	Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W A/C Facilities—None Honea Path—Ashley Fie	<i>Length</i> 	Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W A/C Facilities—None Honea Path—Ashley Fie Location—1.5 mile W.	<i>Length</i> 	Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W A/C Facilities—None Honea Path—Ashley Fie Location—1.5 mile W. Manager-Owner—C. P. Ashley, Honea Path	<i>Length</i> 3,000 2,200 eld (Private)	Turf Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott Runways NE-SW E-W A/C Facilities—None Honea Path—Ashley Fie Location—1.5 mile W. Manager-Owner—C. P. Ashley, Honea Path Runways	Length 3,000 2,200 eld (Private) Length	Turf
Location—7 miles S. Parris Island Airport Manager—Louis Scott <i>Runways</i> NE-SW E-W A/C Facilities—None	Length 3,000 2,200 eld (Private) Length 2,100	Turf Turf Surface

Isle of Palms—Isle of Palms Fl	light Strip	
Location-1.5 miles NE Isle of Palms		
Manager-S. C. Aeronautics Commission		
Runways	Length	Surface
ENE-WSW	2,100	Turf and

No A/C Facilities

Kershaw—Kershaw Municipal Airport

Oyster Shells

Location—4 miles S		
Manager-City of Kershaw		
Runways	Length	Surface
WNW-ESE		Turf
NE-SW		Turf
No A/C Facilities		

Kingstree—Prosser's Airport (Private)

Location—8 miles ESE		
Manager-E. W. Prosser, Jr. (Owner)		
Runways	Length	Surface
NS-EW		Turf
A/C Facilities-80/87 octane, storage		

Kline—Walker Airport (Private)

Location— ¹ / ₄ mile South		
Manager-J. W. Walker (Owner)		
Runways	Length	Surface
NE-SW		Turf
NW-SE	1,700	Turf
A/C Facilities—Tie-down		

Lake City—Brown Field

Location—1.7 miles SSW		
Owner-Lake City		
Runways	Length	Surface
N-S	2,300	Turf
NNW-SSE	2,100	Turf
A/C Facilities-80 octane (on request)		

Lake Marion—Goat Island Airport

Location-7 miles SSE Summerton		
Manager-William Davis (Owner)		
Runways	Length	Surface
NE-SW	2,000	Sod
A/C Facilities-tie-downs		

Lamar—Lamar Airport (Private)

Location-West (immediately adjacent to town	a) ale III estim	
Runways	Length	Surface
E-W	5,000	Sod
A/C Facilities-80 octane, tie-down		

NOTE: (Strip constructed on abandoned railway bed-watch for telegraph lines parallel to strip)

Lancaster—Coulbourn Airport

Location-2 miles SSW		
Manager-County owned-not attended		
Runways	Length	Surface
NW-SE		Turf
ENE-WSW	2,600	Turf
A/C Facilities-80 octane, storage (on reques	st)	

Lanes—Lanes Airport

Location—3 miles S. Lanes		
Manager-Mrs. R. M. Browner, Owner		
Runways	Length	Surface
NNW-SSE	3,464	Turf
EW	3,347	Turf
A/C Facilities—None		

Latta—Latta Airport (Private)

Location—1 mile NW		
Owner-R. E. Atkinson, Jr.		
Runways	Length	Surface
NNE-SSW	1,800	Turf
A/C Facilities-80/87 octane fuel		

McCormick-McCormick County Airport

Location—2 miles NE		
Runways NE-SW	<i>Length</i> 2,600	Surface Clay—later
		to be turf

No Facilities

Moncks Corner-Moncks Corner Municipal Airport

Location-1.3 miles w Sw		
Runways	Length	Surface
NNW-SSE	1,900	Turf
NE-SW	3,000	Turf
A/C Facilities-80 octane (on request), tie-down		

Mt. Pleasant—Remley's Point

Location-1 mile W. Mt. Pleasant		
Manager-W. O. Pinckney (Owner)		
Runways	Length	Surface
NS	2,100	Turf
EW		Turf
NE-SW		Turf
A/C Facilities-major repairs: A&E: tie	e-down	

Myrtle Beach—Myrtle Beach Municipal	Airport/A. F	. B.
Location-3 miles WSW		
Manager-U.S.A.F		
Runways	Length	Surface
N-S		Concrete
EW		Asphalt
Lighting-Runway, approach, obstruction and wind	tee	
Navigational Aids-117.8 mc VOR; L/F 203 kc "N	AYR"	
Communications-Military Tower: 126.18, 121.5 mc		
Airlines-Piedmont Airlines-Seasonal		
A/C Facilities-80 and 91 octane, storage, tie-down	L Latin Store	
Newberry—Newberry Municipa	1 Airport	
Location-2.3 miles NNW	Anport	
Manager—City, County and S. C. Aeronautics Com	mission	
Runways	Length	Surface
NNE-SSW	2.200	Turf
E-W		Turf
Lighting-Lights on NNE-SSW runway; advance i		
Operator-Shealy Flying Service, E. O. Shealy, service		on, charter
A/C Facilities-80 octane, storage, major repairs		
Nichols—Battle Field		
Location—1 mile SSE		
	Length	Surface
NE-SW		Turf
N-S	1,700	Turf
A/C Facilities—tie down, 80/87 octane		
Orangeburg—Orangeburg Munici	ipal Airport	
Location-1 mile S.	St. C	

Manager—T. C. Hadwin, Orangeburg		
Runways	Length	Surface
NE-SW		Turf
SE-NW		Turf

Lighting-NE-SW runway; Beacon

Operator—Orangeburg Flying Service, T. C. Hadwin flight instruction, charter service, A&E major and minor repairs

A/C Facilities-80 and 91 octane, storage, A&E service

Pontiac-Experimental Station Airstrip

Location-1 mile West of Pontiac		
Manager-Clemson College Sandh	ill Experiment Station	
Runways	Length	Surface
NE-SW		Turf
A/C Facilities—None		

Ridgeland—Ridgeland Municipal Airport

Location—1.3 miles NW		
Manager-S. C. Aeronautics Commission		
Runways	Length	Surface
NNE-SSW		Turf
NE-SW		Turf
ENE-WSW		Turf
NW-SE		Turf
Facilities-80/87 octane; storage		

Shirley—Davis Airport (Private)

Location—.8 mile NE		
Runways	Length	Surface
NW-SE		Turf
A/C Facilities—tie down		

Spartanburg—Spartanburg Memorial Airport

Surface

Location-2.5 miles SW

Manager-	C. R.	MOSS,	Spartanburg	
Runways				Length
NE-SW				5,200

NE-SW	. 5,200	Asphalt
WNW-ESE	4,402	Asphalt
N-S	4,223	Asphalt
Tistian Demonstration of Land		

Lighting-Runway, boundary and beacon

Navigational Aids-L/F range 248 kc, SPA; OMNI 115.7 mc

Communication-Tower 118.3 mc and 317 kc

Operator-Palmetto Aviation, C. R. Moss, A&E, instruction, charter Airlines-Eastern, Delta and Southern Airways

A/C Facilities-80, 91 and 100 octane, storage, A&E

St. George-St. George Airport

Location—5 miles NE		
Owner-Hamilton, N.		
Runways	Length	Surface
E-W	1,800	Turf
A/C Facilities—None		

St. Matthews—Wannamaker	's Field (Private)	
Location-6 miles 80° from St. Matthews		
Manager-Mr. John Wannamaker, Owner		
Runways	Length	Surface
EW	1,500	Turf
A/C Facilities-None		
St. Stephen—St. Steph	en Airport	
Location-0.5 miles S.E. St. Stephen		
Manager-W. S. Powell, Sr., Owner		
Runways	Length	Surface
N-S		Turf
A/C Facilities-80 octane		
Summerton—Grayson Air	port (Private)	
Location5 NE		
Manager-James F. Grayson (Private)	animation of the	
Runways	Length	Surface
NW-SE	1,335	Turf
A/C Facilities—None		
Sumter—Sumter Munic	ipal Airport	
Location-41/2 miles NNW of City		
Manager-E. H. Lynam, Jr.		
Runways	Length	Surface
NE-SW		Paved
		Turf
Lighting—Runway lights; Beacon Operator—Sumter Airways, Inc., E. H. Lyna	m Ir instruction	charter
A/C Facilities—80 octane, storage, A&E maj		charter
Timmonsville—Huggins F	ield (Private)	
Location-1 mile NE		
Owner-Operator-M. B. Huggins		
Runways	Length	Surface
NW-SE Operator—M. B. Huggins. Flight instruction	1,800	Turf
spraying	I allu cliarter, cro	p dusting and
A/C Facilities—80 and 91 octane, storage		
Trenton—Trenton Muni	cipal Airport	
Location-1.2 miles E.		
Manager-S. C. Aeronautics Commission		
Runways	Length	Surface
ENE-WSW	2,200	Turf
NNW-SSE	2,100	Turf
A/C Facilities-None. Field temp. closed		

Walterboro—Walterboro Municipal Airport

Manager-S. C. Aeronautics Commission	on	
Runways	Length	Surface
E-W	5,500	Asphal
NE-SW	5,150	Asphal
NNW-SSE	5,800	Asphal
Lighting—Runway lights, beacon A/C Facilities—80 octane, storage		
Whitmire—O:	xner's Airport	
Location—4 miles SSE		
Owner—Asa C. Oxner		
Runways E-W	<i>Length</i> 2,900	Surface Turf
A/C Facilities-80/87, 91 octane, stora		V. 2 noise
Whitmire—Wh	itmire Airport	
Location-2.5 miles SW		
Manager—Unattended		
Runways	Length	Surface
E-W	2,300	Turf
A/C Facilities-None-Field Rough		
Winnsboro—Wi	nnsboro Airport	
Location—3 miles NW		
Owner—Fairfield County		
Runways	Length	Surface
E-W		Turf
A/C Facilities—None		
York—Cloniger	Airport (Private)	
Location-2.5 miles N.		
Owner-J. C. Cloniger, York		
	Length	Surface
Runways	Durigun	

