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ANNUAL REPORT

OF THE

South Carolina Aeronautics Commission

FOR THE YEAR ENDING JUNE 30, 1979

PRINTED UNDER THE DIRECTION OF THE
STATE BUDGET AND CONTROL BOARD

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LETTER OF TRANSMITTAL

To His Excellency, 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 June 30, 1979. While this report can not list the manifold activities the commission and its staff were involved in during the past 12 months, I feel it is a representative summary of the agency's activities.

Respectfully submitted,

JOSEPH WILDER, *Chairman*

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SOUTH CAROLINA AERONAUTICS COMMISSION

The South Carolina Aeronautics Commission was created by the legislature in 1935 to foster air commerce in the state, to supervise aeronautical activities and facilities, to make and enforce rules and regulations regarding the licensing of airplanes and pilots and to cooperate in the establishment and operation of airports. The law creating the commission can be found at Sec. 55-5-30, 1976 S. C. Code.

The commission consists of seven members appointed by the governor with the advice and consent of the Senate. One commissioner is appointed from each Congressional district and one at-large. The at-large member is appointed to a six-year term while the members from districts serve four year terms.

At Large:	JOSEPH WILDER, *Chairman* P. O. Box 447 Barnwell, S. C. 29812
First District:	NORRIS M. THOMAS 1839 Overdell Dr. Charleston, S. C. 29407
Second District:	THOMAS L. GREGORY P. O. Box 1419 Columbia, S. C. 29202
Third District:	MICHAEL L. LAUGHLIN P. O. Box 1076 Aiken, S. C. 29801
Fourth District:	RALPH F. SCHMIDT, *Vice Chairman* P. O. Box 2484 Greenville, S. C. 29602
Fifth District:	JAMES T. ANDERSON Rt. 2 Box 25 Chester S. C. 29706
Sixth District:	FRED G. EDWARDS P. O. Box 237 Hemingway S. C. 29554

COMMISSION STAFF

The Commission staff implements policy decisions of the commission and concerns itself with the day-to-day functions of the commission: aircraft operations, airport planning and maintenance, aircraft registration and public information. The commission offices are located at the Columbia Metropolitan Airport, West Columbia, S. C.

With only 34 full-time employees, the commission is one of the smallest state agencies. Besides those personnel listed below, there are 21 others who perform secretarial, clerical, accounting and maintenance work for the agency including field personnel based in Anderson, Florence and Walterboro.

Director ..... JOHN W. HAMILTON

Assistants-to-the-Director

Airport Development ..... DAN FRALEY

Flight Operations ..... CHARLES SMOAK

Administration & Programs ..... ALAN ALEXANDER

Public Information Director ..... WILLIAM C. GOODWIN

Accountant ..... JOY DICKERT

Planner IV ..... JIMMY GOFF

Planner II ..... JOHN FLOYD

Pilot ..... H. FLOWE TREXLER

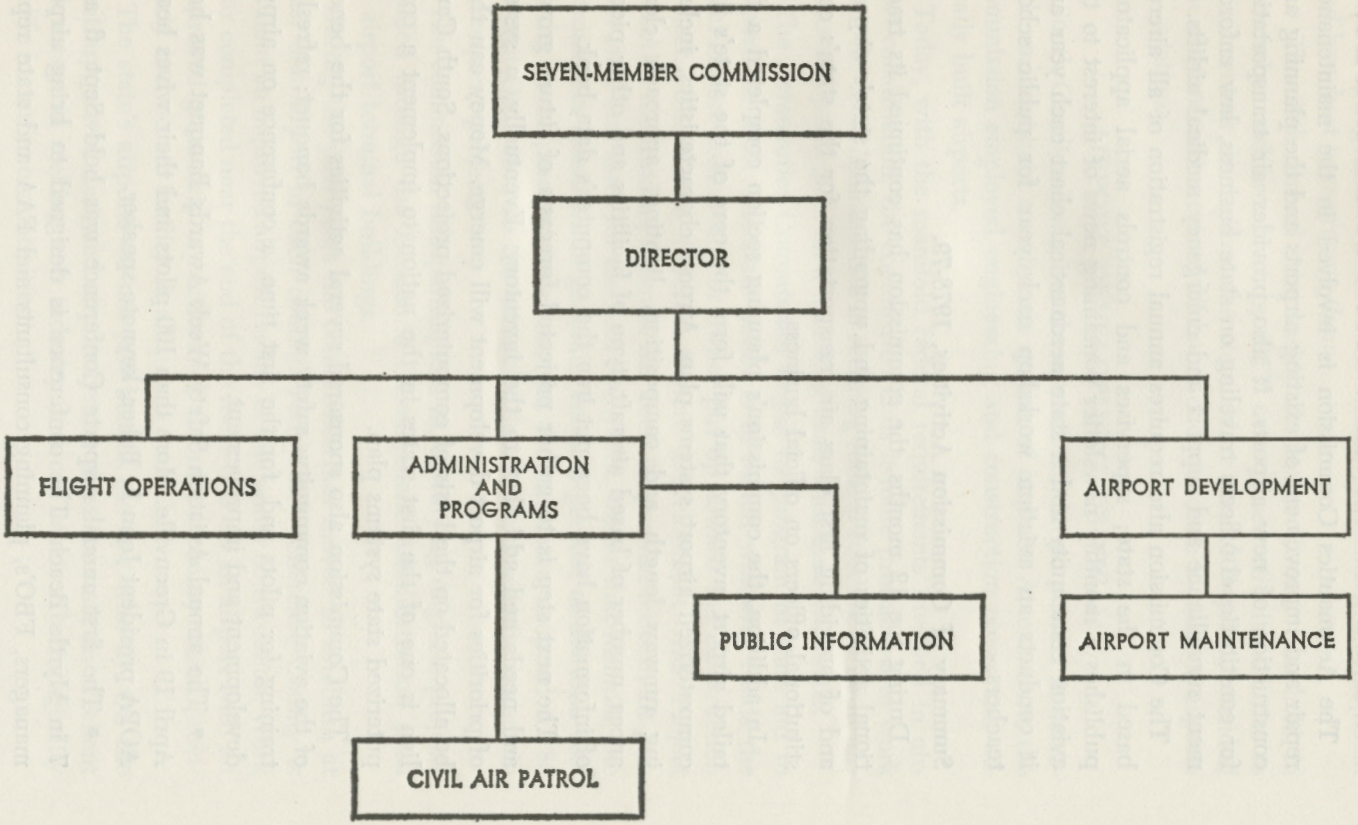
Pilot ..... WALTER JOHNSON

Pilot ..... BILL ROBINSON

Pilot ..... HELEN HEMBEL

Pilot ..... VANCE HARRIS

SOUTH CAROLINA AERONAUTICS COMMISSION



WHAT DOES THE AERONAUTICS COMMISSION DO?

The Aeronautics Commission is involved in the maintenance, repair and improvement of existing airports and the planning and construction of new airports. It also provides air transportation for constitutional officers traveling on state business, law enforcement surveillance and support and emergency medical airlifts.

The Commission also requires annual registration of all aircraft based in the state; supervises and controls aerial applicators; publishes a monthly newsletter containing news of interest to the aviation community and a state aeronautical chart each year and it conducts an aviation workshop each year for public school teachers.

Summary of Commission Activities, 1978-79.

During the 12 months, the commission has continued its traditional activities of maintaining and upgrading the state's airports and of providing first class air transportation for the state's constitutional officers on official business.

In addition, the commission's planning section completed a detailed airport inventory that will form the core of the state's first computerized airport systems plan. Airport characteristics, including runway length and composition, lighting, approach clearances, number of based aircraft, type of facilities and other pieces of information have been put into the computer's data bank.

The next step is to gather projected forecasts of future growth and needs and add that to the inventory. Eventually, a system of priorities for airport development will emerge. Money can then be allocated on the basis of computerized projections. South Carolina is one of the first states in the nation to implement a computerized state systems plan.

The Commission also sponsored several activities for the benefit of the aviation community: safety week awards banquet; refresher training for pilots and, for the first time, a conference on airport development and improvement.

- The annual Aviation Safety Week Awards Banquet was held April 19 in Greenville. More than 100 pilots and their wives heard AOPA president John L. Baker, keynote speaker.

- The first annual Airports Conference was held Sept. 6 and 7 in Myrtle Beach. The conference is designed to bring airport managers, FBO's, planning consultants and FAA and state repre-

sentatives together to talk about mutual problems in development and how best to overcome them.

• The fifth annual Airmanship Refresher Course was held in November and broadcast by ETV over closed circuit facilities to TEC centers throughout the state. More than 300 pilots attended the sessions and received 15 hours of instruction in various aspects of aviation.

AIRPORT DEVELOPMENT PROGRAM

South Carolina law gives the commission broad powers to establish and maintain a statewide system of airports. At one time, the commission employed engineering and construction crews and actually built airports.

Today, with the manifold federal requirements involved in airport construction, the commission finds it more productive to work with the local communities in securing federal funding to build airports and participate on a matching basis with the local funds.

The Aeronautics Commission began its program of state aid to airports in 1957. The state policy is to match whatever funds the local airport commission or owner put up toward the construction project. Under the federal Airport Development Aid Project (ADAP) the funding formula has been 90 percent federal, 10 percent local and state for the past two years. Under that formula, the Aeronautics Commission generally funds 5 percent of the total cost of the developments. However, the federal share dropped to 80 percent Oct., 1978 so the state and local shares will be higher in subsequent projects.

The commission also participates in, to varying degrees, projects funded through the Economic Development Administration such as airport terminal buildings.

During the past years the commission has moved to establish at least one airport in each county. Today only Cherokee County is without an improved airport facility or one under construction. Work was completed near the end of the fiscal year on an airport with an improved grass strip in McCormick County, a county which previously had no air facility at all.

The state's airports do not just benefit the few who fly. On the contrary, a well designed airport system gives the state an excellent advantage in seeking new industry and can mean a better quality of life for entire communities.

ADAP-EDA Projects

ADAP projects funded fiscal 1978-79 were:

Aiken—$30,000 for safety fencing.

Barnwell—$60,000 for fencing and lighting.

Anderson County—$391,440 to reconstruct primary runway.

Lee County-Bishopville—$68,928 for land acquisition for approach protection and obstruction removal.

Beaufort County—$610,800 for land acquisition and construction of new runway.

Walterboro—$70,000 for installation of Medium Intensity Runway lights on runway 5/23.

Chester—$249,576 to reconstruct the primary runway.

In each of these projects, the Aeronautics Commission contributed five percent of the total. The Commission also contributed $131,000 for the construction of a 2,500 square foot terminal building at Lancaster, an EDA project totaling about $270,000.

State-Local Projects

Besides its participation in federally funded projects, the commission also cooperates with local governments for the installation of navigational aids and runway approach indicators. This equipment is installed on a 50/50 basis, with the local community paying half and the state paying half.

During fiscal 1978-79, non-directional radio beacons were installed at Clarendon County Airport, Conway-Horry Airport, Andrews Airport, Moncks Corner Airport and Fairfield County Airport. The beacons transmit a three-letter Morse Code signal on a low frequency. They provide pilots with a means of positively identifying those airports which do not have control towers or federally-installed nav aids. Instrument approaches have been approved for some of the beacons.

Also, Visual Approach Slope Indicators (VASI's), red and white lights which tell a pilot if he's high or low on his approach, have been installed at a number of airports.

During the past 12 months, maintenance crews have painted runway markings at nine airports, put up wind socks at 23 and cut grass on 60 airports. In addition, crews have replaced burned out runway lights and broken lenses, helped put in NDB's and VASI's and cleaned terminal buildings.

Airport Maintenance Program

The Commission has maintenance crews and equipment in Florence, Walterboro and Anderson which provide upkeep for about 90 airports around the state. The major maintenance consists of mowing grass, trimming bushes, weed control, repairs to runway lighting and rotating beacons, painting runway markings, cleaning and minor repairs to terminal buildings and installation of windsocks.

PLANNING FOR DEVELOPMENT

State Airport Systems Plan

To assist the commission in setting priorities for airport development and capital improvements over the next 20 years, the state airport systems plan was prepared in 1970. The plan provides a program of recommended capital improvements in airport facilities on a system basis. It specifies the role of airports serving the state, forecasts future activity, evaluates the present system in relation to future needs and recommends what investments must be made to transform present facilities into those needed in the future.

This year, the commission became one of the first in the nation to begin computerizing its systems plan. Detailed airport data on runways, taxiways, lighting, approach slopes, facilities, based aircraft, number of operations, etc. has been input in a computer and is readily available for instant recall or quick updating. In addition, the computer's organizational capability makes it possible to get the information in a useable form without having to work through voluminous files. For example, if planners wished to know how many airports in the state have runway end identifier lights, the computer will tell you in a few seconds. Without the computer, staff personnel would have to search every airport file and make a list of those with the lights.

To get the detailed, up to date information needed, a draftsman has visited each of the 76 airports included in the systems plan and compiled data on them. At each airport, he interviewed the manager or fixed base operator and filled out eleven or more forms with specific data. He also made a sketch of the layout which will be used as a guide when making scale drawings of each airport.

The computerization of the systems plan is being funded by an $80,000 federal grant. The commission is leasing time on the University of South Carolina's computer. A video terminal and printer have been installed in the commission's offices.

Land Use Planning

In recent years Federal Aviation Administration regulations have come to require local sponsors (cities, counties, and airport districts) take the necessary steps to insure compatible land use adjacent to existing or planned airports. These assurances have to be met before any type of Federal funding can be made available for construction and have become a requirement for the Environmental Impact Assessment of the airport on its surrounding area.

The South Carolina Aeronautics Commission has developed a guide for comprehensive land use planning in hopes that it can provide guidance to the local sponsors in terms of meeting these requirements. As the sponsor reviews this manual and becomes aware of what items are necessary in terms of developing some type of regulation which will provide compatible land use adjacent to existing or proposed airports, it will become a definite benefit to the community. Members of the aviation community recognize that the less desirable impacts of airports on the community require corrective measures for aircraft operators and airport operators. Corrective actions continue to be taken, including the quieting of jet engines, the acquisition of flight easement and extended clear zones, noise abating take offs and landing procedures. However, all of these actions together will not solve the impact problem if those land uses most sensitive to aircraft operations are permitted to develop in the approaches to the airports.

The South Carolina Aeronautics Commission is hopeful that the local sponsors will take this manual and use it to help develop the needed regulations to protect land adjacent to existing or proposed airports. We realize this type of service can only be accomplished at the local level. Local governments own their airports and have the authority to enact the regulations which are necessary to provide the needed regulations. The South Carolina Aeronautics Commission can only act as a guiding agency in helping the local government come up with what is needed to meet the Federal regulations both from the Environmental and Federal standpoint. Local authorities should take cognizance of what is expressed in the manual and consult with the Commission at any time they feel the need for guidance in helping develop the required regulations for providing compatible land use around airports in South Carolina.

Minimum Standards for Airports

General aviation in the state has grown at a fantastic rate as the business community recognizes its value and as pleasure flying becomes a way of life with the increase in leisure time for most South Carolinians.

Recognizing that the existing airports have in many cases "sprung up" out of bean fields, the Aeronautics Commission has published "Minimum Standards For South Carolina Airports". It is the intent of these construction guidelines to provide a vehicle for the advancement of all types of airports so that a design status can be achieved to meet minimum airport standards as required by the Federal Aviation Administration (FAA) at sometime during their development process. It is fully recognized that to require every airport in the state to meet FAA Standards would close many useful airports due to clear zone violations, transition zone violations, construction violations, and numerous other items not consistent with FAA criteria. With this fact firmly entrenched, it is the intent of these design standards to help keep these airports open and upgrade them as can be accomplished, throughout their development process.

FLIGHT OPERATIONS

The Aeronautics Commission maintains a fleet of six aircraft—four airplanes and two helicopters—which is used to provide air transportation for the governor and other constitutional officers traveling on state business; to aid law enforcement in search and rescue work; for emergency medical airlifts and for utility work such as photography.

The commission has two eight-passenger turbo-prop Beechcraft King Airs, a six-place Beechcraft Baron and a single engine Cessna 206. It also owns a Bell 204B (Huey) and a Bell 206 Jet Ranger, turbine helicopters.

The six aircraft flew more than 1,300 hours in fiscal 1978-79 performing a variety of jobs: from ferrying officials around the state and nation to spotting escaped criminals from the air.

One bonus of the associated law enforcement work is that the commission confiscated a nearly brand new twin-engine Cessna Titan in January during a drug raid at the Dovesville Airport in Darlington County. The airplane will soon be added to the state fleet and put to work.

REGULATORY AND SAFETY PROGRAM

Aircraft Registration

The Aeronautics Commission requires all civil aircraft based in the state for more than 90 days to be registered annually. Scheduled air carriers and aircraft used exclusively by the U. S. Government are excluded.

Registration fees are $5.00 for single engine aircraft, $10.00 for twin-engined aircraft under 6,000 pounds and $20.00 for twins over 6,000 pounds.

Annual registration serves two purposes. First, before an aircraft can be registered, the owner must show that there is liability insurance in effect for the owner of the aircraft. This insures that no one will be operating an aircraft without insurance. Secondly, the number of aircraft registered each year and their geographic location aids the commission staff in planning for airport development.

The commission registered about 1,600 individually owned aircraft during fiscal 1978-79, not including aircraft covered under dealer registration.

Aerial Applicators

Another of the commission's functions is the supervision and control of aerial applicators in the state. Persons who want to engage in aerial spraying, dusting and seeding must have a valid license or permit to do so. Before being issued a license, the applicant must pass an examination that requires a working knowledge of the hazards of the chemicals, proper use of the equipment and precautions to be taken in cleaning and decontamination of the equipment.

Minimum requirements for an aerial applicator permit are: a current valid FAA commercial license, a minimum of 200 hours pilot time and at least 25 hours of supervised flying time in aerial application under the direction of a qualified aerial applicator.

Aircraft used in this type flying must be properly certificated and must provide adequate protection for the pilot by having both safety belts and shoulder harness installed.

Power Line Markers

This year, the commission renewed efforts to encourage the owners of airports with powerlines across the approaches to mark the lines with highly visible orange fiberglass markers. As with other similar projects, the commission has agreed to pay half the cost

of each marker if the local owners will pay the remainder. The markers cost $31 each.

PUBLIC AFFAIRS

Publications

One effective means of communication is the commission's monthly aviation newsletter. The format and layout have been changed to improve its readability and more pictures are being used to stimulate reader interest. News of general interest such as features, meeting notices, airport projects as well as information critical to flight safety such as changes in nav aids, runway lighting, etc. are published in each issue.

In addition to the newsletter. the commission also publishes an aeronautical chart each year. The state chart is similar to the navigational charts published by the Federal Aviation Administration; however, no FAA chart will show the entire state. The commissions' chart depicts the entire state as well as portions of North Carolina and Georgia and is of greater convenience for persons who do mostly in-state flying.

Aviation Education

The rapid advances in aerospace technology, in the fields of general aviation, and commercial air transportation, point up a continuing need for a strong program in Aviation Education for South Carolina. The programs conducted by the Aeronautics Commission are in five general areas of interest.

PUBLIC SCHOOLS—The Aviation Education Department maintains a library of films, film strips and slides on aviation and space subjects. These films are loaned without charge to the schools within the State. These films have proved to be very popular and are in constant use throughout the school year.

Speakers are provided for school assembly programs and to give technical assistance to teachers in aviation subjects. The Aeronautics Commission subscribes to the Institutional Service of the National Aerospace Education Council and through this service makes many valuable publications available to schools.

The 27th annual Aviation Education Workshop was conducted at the University of South Carolina during the summer session of 1979 This workshop is designed to give public schools teachers an orientation in all phases of aviation. Thirty teachers attended

the 1979 workshop on scholarships provided by the Aeronautics Commission and the CAP, and field trips to military and commercial airports made the course very interesting. The highlights of the three weeks program were a tour of the Greenville-Spartanburg Metropolitan Airport, a tour of Shaw Air Force Base and Poinsette Range and a flight made in light aircraft which were provided by various aircraft owners in the Columbia area. The Fort Jackson Aviation Section provided helicopter flights in Army aircraft for all workshop participants.

It is felt that this workshop provides an excellent means for bringing a better understanding of aviation to the public school students of South Carolina and that there is a definite need for the continuation of this program.

ADULT GROUPS—Aviation Education is made available to adult and professional groups through programs provided by the Commission. These programs consist of films or talks presented by members of the Commission staff and they have been very well received throughout the state.

AVIATION SAFETY—South Carolina has an outstanding aviation safety record and the Commission has worked vigorously to see that this record is maintained. One method used is the Pilot Safety Clinic. These clinics are held at the various airports in the state in cooperation with the local operator and cover such topics as weather, navigation, regulations, and maintenance. The Aeronautics Commission also cooperates with the Aircraft Owners and Pilots Association in their Flight Training Program. This program will be continued during the coming years. The Aeronautics Commission also participated in the Federal Aviation Agency's program to select the Aviation Mechanic of the Year and Flight Instructor of the Year. The Aeronautics Commission also co-sponsors a Flight Instructor Revalidation Clinic each year and the Aircraft Mechanics Refresher Course.

Through the Educational Television Network, the Commission sponsored a PILOT SAFETY SEMINAR this past year. Participation in this program has been outstanding and additional programs are being planned for 1978-79. Attendance at the four sessions averaged 250.

The Commission also continues to sponsor the "SOUTH CAROLINA BREAKFAST CLUB." This group, the oldest flying organization in the State, meets every other Sunday at a different airport in the State.

CIVIL AIR PATROL

The Civil Air Patrol (CAP) is not a state agency but it does receive state funds each year for a portion of its budget. The commission administers those funds, in accordance with state law, to insure that the CAP remains ready to perform its mission as outlined in the state disaster plan. The commission director is authorized to expend up to 15 percent of the funds in the Aerospace Education and Cadet programs for the maintenance and acquisition of equipment and to hire personnel necessary to administer the programs. In fiscal 1978-79, the CAP received $76,754 for salaries, aircraft maintenance and equipment.

The CAP is an auxiliary of the U. S. Air Force composed primarily of civilian volunteers who perform aerial search and rescue work and other emergency airlifts. Cadet members are given training in aviation education and assist in search and rescue work. Operation of the CAP is the responsibility of the commander of the South Carolina Wing and, ultimately, the CAP Air Force commander.

1978-79 FINANCIAL STATEMENT

I. Administration

Personal Service	
Director	$ 28,749
Classified	138,323
Other Personal Service	
Temporary Positions	827
Per Diem-Boards & Commissions	4,620
Total Personal Service	$ 172,519
Other Operating Expenses	
Office Equipment Repair	$ 11,886
Services—Hshold, Ldry. & Jan.	10,220
Printing, Binding, Adv.—Commercial	10,490
Telephone & Telegraph	12,929
Building Renovation	500
Services—Legal	2,802
In Service Training, Non-State	640
Other Professional	5,000
Printing—State	300
General Repairs	6,900
Printing—Public/Annual Report	31
Registration Fees	735
Other Contractual Services	1,580
Office Supplies	3,938
Photocopy Supplies	1,382
Data Processing Supplies	471
Printing Supplies	4,431
Photographic Supplies	766
Postage Supplies	10,613
Food Supplies	1,212
Clothing	2,386
Other Supplies	991
Rental—Photocopy Equipment	3,287
Rental—State Owned Real Property	91
Rental Other	4,653
Dues and Membership Fees	2,760
Travel	27,492
Office Equipment	15,822
Photographic Equipment	1,119

Library, Books, Maps, and Film		101
Other Equipment		371
Total Other Operating Expenses	$	145,899
Total Administration	$	319,418
II. Airport Safety Maintenance		
Personal Service		
Classified Positions (15)	$	132,657
Other Personal Service		
Overtime and Shift Differential		
Total Personal Service	$	132,657
Other Operating Expenses		
Motorized Vehicle Repair	$	15,000
Utilities		25,939
Freight, Express, Delivery		21
Building Renovation		779
General Repair		5,000
Other Contractual Services		369
Household, Laundry, Janitorial Supplies		2,047
Motor Vehicle Supplies		34,877
Agri., Marine, & Forestry Supplies		215
Bldg., Const., and Renov. Supplies		2,414
Fuel		1,631
Maintenance Supplies		20,069
Other Supplies		420
Rental—Non-State Owned Real Property		16,067
Rental—Other		53
Insurance—State		6,056
Insurance—Non-State		430
Motor Vehicle—Passenger—Equipment		52,779
Agriculture, Marine & Forestry		130
Library Books, Maps and Film		28
Small Hand Tools		500
Major Tools, Motorized Equipment		1,500
Other Equipment		7,210
Total Other Operating Expenses	$	193,534

Special Items		
Aircraft Equipment & Operations	$	327,494
Navigational Aids & Planning		10,297
Aircraft Repairs—Engines		7,201
Emergency Airport Repairs—Major	$	6,251
Total Special Items	$	351,243
Total Airport Safety Maintenance	$	677,434
III. Regulation and Inspection		
Personal Service		
Classified Positions (4)	$	72,198
Total Personal Service	$	72,198
Total Regulation & Inspection	$	72,198
IV. Civil Air Patrol		
Personal Service		
Classified Positions (2)	$	11,910
Total Personal Service	$	11,910
Other Operating Expenses	$	64,844
Total Other Operating Expenses	$	64,844
Total Civil Air Patrol	$	76,754
V. Aviation Education		
Other Operating Expenses		
Printing, Binding, Adv.—Commercial	$	11,142
Microfilm, Microfile, & Microfiche Proc.		600
In Service Training, Non-State		1,864
Non-State Employee Travel		24
Other Contractual Services		611
Office Supplies		6,671
Other Supplies		35
Rental—Office Equipment		73
Rental—Other		244

Library Books, Maps, & Film		382
Scholarships		3,084
Total Other Operating Expenses	$	24,730
Total Aviation Education	$	24,730
VI. Special Programs		
A. Cont. Airport Sys. Pln. Photo.		
Classified Positions (2)	$	25,422
Total Personal Service	$	25,422
Other Operating Expenses		
Telephone & Telegraph	$	853
General Repairs		51
Other Contractual Services		478
Office Supplies		497
Data Processing Supplies		31
Photographic Supplies		30
Other Supplies		202
Rental Data Processing Equipment		18,798
Travel		654
Office Equipment		42
Total Other Operating Expenses	$	21,636
Total Continuous Airport System	$	47,058
B. Agency Development		
Other Operating Expenses—None		
Total Cont. Airport Sus. Pln. Photo.	$	47,058
VII. Employee Benefits		
State Employer Contributions	$	63,651
Total Fringe Benefits	$	63,651
Total State Employer Contributions	$	63,651
Total Employee Benefits	$	63,651
TOTAL AERONAUTICS COMMISSION	$	1,280,243

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, and control of insects, etc.

Abbeville—Davis Airport

	Length	Surface
Location—1¼ mile SE		
Manager—Ralph Davis		
Runway: NE-SW Lighted	2,235	Asphalt

Aiken Municipal

Location—7 miles north of Aiken		
Owner—City of Aiken		
Runways: N-S	5,000	Asphalt
NE-SW	5,000	Asphalt
NW-SE	5,000	Asphalt
Lighting—Beacon and Lights on NE-SW runway and Taxi Way Lights		
Operator—Harrington Industries		
A/C Facilities—100 octane and Jet Fuel, A&E. service, tie down		
Nav. NDB-347		

Allendale County

Location—East—4 miles from town		
Owner—SCAC		
Runway: N-W-S-E Lighted	3,200	Paved
A/C Facilities—Tie down, 100 octane, Unicom		
Operator—Lonnie Browning		
Nav. VOR-116.7		

Anderson—Anderson County

Location—West of City		
Owner-Operator—County of Anderson		
Runways: 5-23	5,000	Asphalt
35-17	5,000	Asphalt
Lighting—Runway lights and beacon		
Navigational Aids—VORTAC 7 miles SW of field "AND" 108.6		
Communications—Anderson radio—No tower		
Operator—Anderson Aviation		
A/C Facilities—100 octane, and jet fuel, tie down, storage		

Andrews Municipal

Location—3 miles NE of city		
Owner—Georgetown County		
Runways: N-5	3,000	Paved
Lighted, NDB, PHH-365		
Beacon, Fuel		

Bamberg—Carlisle Field

	Length	Surface
Location—4 miles SE		
Manager—S. C. Aeronautics Commission		
Runways: N-S	2,700	Turf
NE-SW	2,800	Turf

Barnwell—Barnwell Airport

Location—NW fringe of City
Manager—S. C. Aeronautics Commission

Runways: 5.23	5,272	Asphalt
9-27	5,278	Asphalt
16-34 Lighted	5,118	Asphalt

Operator—Attendant on Field—Woodward Aviation, Inc.
A/C Facilities—Lights, Beacon, 100 octane, jet fuel, tie down, NDB-BNL 260

Beaufort—Beaufort County Airport

Location—2 miles ESE
Owner—Beaufort County

Runways: NE-SW	3,000	Paved

A/C Facilities—Lights, no beacon, 100 octane

Bennettsville—Marlboro County Airport

Location—4 miles NW
Owner—Marlboro County—Operator

Runways: NE-SW	5,000	Paved

A/C Facilities—Lighted, beacon, tie down—100 octane NDB-BES 230

Bishopville—Municipal Airport

Location—2 miles N
Owner—Lee County

Runways: NE-SW	3,000	Turf

A/C Facilities—Lights

Calhoun Falls—Hester Memorial Airport

Location—1.2 miles E
Manager—City of Calhoun Falls

Runways: E-W	3,800	Paved

Lights, no beacon

Camden—Woodward Field

	Length	Surface
Location—2.9 miles NE		
Owner—City of Camden, Hawk Aviation, Manager-Operator		
Runways: NW-SE	3,000	Asphalt
NE-SW	4,500	Asphalt
A/C Facilities—100 octane, jet fuel, A&E, major repairs, storage, Unicom, lights and beacon and radio beacon		
Nav. NDB-CDN-263		

Campobello—Campobello Airport (Private)

Location—4 miles SSW		
Owner—Otis Clayton		
Runways: N-S	1,800	Turf
E-W	2,000	Turf

Charleston—Charleston Municipal

Location—10 miles NNW		
Manager—		
Runways: 3-21	7,000	Asphalt
15-33	9,000	Asphalt
Runway 10-28 closed		
Lighting—H. I. runway 15-33 and 3-21; obstruction and approach lights; white and green rotating beacon		
Navigational Aids—VORTAC 113.5 mc. (consult appropriate charts)		
Communications—Tower 126.0; 126.2 mc.		
Operator—Hawthorne Aviation, Vernon Strickland, President		
Airlines—Delta, Eastern, National, Piedmont, Southern		
A/C Facilities—A&E, major repairs, 91, and 100 octane, kerosene, 24 hours line service, storage		
NOTE: Joint operation with military; two-way radio mandatory		

Charleston—John's Island Airport

Location—7 miles SW		
Owner—Charleston County		
Operator—Aero Aviation		
Flight Instruction		
Runways: 18-36	5,000	Concrete
9-27 Lighted and VASI	5,000	Concrete
3-2 Lighted	5,000	Concrete
A/C Facilities—100 octane, jet fuel, A&E, Storage, Unicom		
NDB-JZI 283		

Cheraw—Cheraw Municipal

	Length	Surface
Location—4½ miles NNW		
Owner—City of Cheraw		
Runways: NNW-SSE Lighted	3,400	Paved
ENE-WSW	1,900	Turf
No A/C Facilities other than tie-down, storage, Unicom, Charter service, flight instruction, 100 octane, rotating beacon		
Operator—Cheraw Aviation		
NDB-CQW 409		

Chester—Chester County

Location—6 miles north of Chester		
Owner—Chester County		
Operator—Bermuda High Soaring School, Inc.		
Runways: 17-35 (lighted)	5,000	Asphalt
5-23	5,000	Asphalt
11-29		
A/C Facilities—100 octane, Unicom, Rotating beacon		

Clarendon County—Manning

Location—7 miles South of Manning
Owner—Clarendon County
Runway: NNW-SSE (Lighted)
Beacon and VASI, NDB-MNI-381
A/C Facilities—Tie Down, 100 Octane
Operator—Clarendon County

Clemson—Oconee Airport

Location—3 miles NW		
Owner—Oconee County		
Runways: NE-SW	3,000	Paved
Lights and Rotating beacon, NDB-CEU 257		
A/C Facilities—100 octane, tie downs		
Operator—		
Charter—Unicom		

Clio—Mack Lamar Field (Private)

Location—2.3 miles NE Clio		
Owner—Lamar W. McLaurin, Clio		
Runways: SE-NW	1,800	Turf

Columbia—Columbia Metropolitan Airport

	Length	Surface
Location—6.5 miles SW Columbia		
Manager—Richland-Lexington Airport Commission		
Runways: 10-28	7,500	Asphalt
5-23	5,000	Asphalt
Lighting—H. I. runway; beacon; approach lights R/W 10		
Communications—Tower 119.5 mc.		
Navigational Aids—VORTAC Columbia Radio, 114.7 mc. CAE; ILS		
Operators—Eagle Aviation		
Airline—Delta, Eastern, Southern, Piedmont		
A/C Facilities—100 octane, jet fuel storage, tie down, major repairs, Unicom—123.0		
NOTE: Headquarters of S. C. Aeronautics Commission		

Columbia—Owens Field

Location—SE of City		
Owner—Richland County		
Runways: 15-33 Lighted and VASI	3,607	Asphalt
7-25	3,456	Asphalt
Navigational Aids—None		
A/C Facilities—100 octane available		
Operator—Midland Aviation—Jim Hamilton		
Tie down, Unicom, lights and VASI		

Conway—Horry County Airport

Location—4 miles West		
Owner—Horry County, Red Baron Aviation, Inc.		
Runway: NE-SW	3,200	Paved
A/C Facilities—Tie down—Lighted—100 octane—Beacon and VASI, NDB-HYW 370		

Darlington—Darlington County Airport

Location—11 miles North of Darlington		
Manager—S. C. Aeronautics Commission		
Runways: 5-23	5,000	Asphalt
10-28	5,000	Asphalt
16-34	5,000	Asphalt
Operators—Gedra Air Service, Crops Dusting and Spraying, flight instruction, service		
A/C Facilities—100 octane, storage, A&E, repair, Unicom		
Runway 5-23 Lighted		

Darlington—Moore's Field (Private)

Location—1.8 miles SW		
Owner—Olie Moore		
Runway: NNW-SSE	2,000	Turf
A/C Facilities—fuel, Unicom, lights		
Lights on Request		

Darlington—Branham Airport (Private)

	Length	Surface
Location—3 miles SE		
Runways: N-S	2,600	Turf
2,000 feet lighted; 600 feet overrun on northend		
A/C Facilities—100 octane, Unicom		

Dillon—Dillon County Airport

Location—1.7 miles N of Dillon
Manager—S. C. Aeronautics Commission
Runway: ENE-WSW ..... 3,000 Paved
A/C Facilities—Parking area, rotating beacon, lighted, 100 octane, Unicom, crop dusting and spraying, charter, NDB-DLC-274
Operator—James Price

Estill—Harper's Field (Private)

Location—NE section of Town
Manager-Owner—William Harper, Estill
Runway: NNE-SSW ..... 2,700 Turf
A/C Facilities—tie down, aerial applicator service

Florence—Gilbert Field

Location—3 miles ESE
Owner—City of Florence
Runways: 36-18 and County ..... 6,000 Asphalt
9-27 ..... 6,500 Asphalt
Lighting—Runway lights, rotating beacon—white-green
Navigational Aids—VORTAC 115.2 mc; FLO—ILS
Communication—Florence Radio. Tower 125.1
Operators—City government and County
Airlines—Piedmont
A/C Facilities—100 octane and jet fuel, storage, A&E service

Georgetown—Georgetown County Airport

Location—4 miles S. of Georgetown
Manager—Georgetown County
Runways: 5-23 ..... 5,000 Asphalt
16-34 ..... 5,000 Asphalt
10-28 ..... 5,000 Asphalt
Operators—Georgetown Aviation
A/C Facilities—100 octane, Jet fuel, storage, tie down, Unicom and charter
Lighting—Runway lights, rotating beacon and radio beacon
NDB-227 GGE

Gorton Plantation Airstrip (Private)

Location—16 miles South of Allendale ..... 4,300 Turf
A/C Facilities—none

Greenville—Greenville Downtown Airport

	Length	Surface
Location—East of City		
Owner—City of Greenville		
Manager—Dick Gossett		
Runways: 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—GRL; Instrument Ldg. System (See appropriate charts)		
Communications—Tower, 119.9 mc.		
Operators—Greenville Aviation Service		
A/C Facilities—100 octane, jet fuel, major repairs, storage, Unicom 123.0—Yeargin Aviation		

Greenville-Spartanburg Airport, Greer

Location—5 miles S		
Owner—Greenville-Spartanburg Airport Commission, A. R. Graham, Manager		
Operator—Stevens Aviation Co.		
Runways: NE-SW	7,600	Paved
A/C Facilities—100, 115, 130 octane, jet fuel, major maintenance		
Airline—Eastern, Piedmont and Southern		
Nav., ILS, Tower		

Greenwood—Greenwood County Airport

Location—3.8 miles North of City		
Manager—Greenwood Airport Commission		
Runways: 4-22	5,000	Asphalt
9-27	5,000	Asphalt
18-36	5,000	Asphalt
Lighting—Runway lights, Beacon		
Operator—Lanford Flying Service, Waymond Lanford		
A/C Facilities—100 octane, Jet fuel, storage, major and minor repairs, Unicom, charter service		
Nav. VOR 114.9		

Hampton—Hampton-Varnville Airport

Location—1.6 miles E. Hampton; 1 mile NNE Varnville		
Manager—S. C. Aeronautics Commission		
Runways: ESE-WNW	3,600	Paved
A/C Facilities—Tie downs, 100 octane fuel, Unicom, Lights, Beacon		

Hartsville—Hartsville Municipal Airport

	Length	Surface
Location—3 miles NNW		
Owner—City of Hartsville		
Runways: NNW-SSE (Lighted)	3,300	Paved
E-W	2,000	Turf
Operator—Burl Hickey		
A/C Facilities—100 octane, Jet fuel, storage, tie downs, lights and Unicom, flight instruction, charter service		
Nav. NDB-HVS-341		

Hemingway-Stuckey—Hemingway-Stuckey Municipal Airport

Location—4 miles SSW Hemingway		
Runway: E-W (Lighted) and Beacon	3,400	Paved
A/C Facilities—tie down, NDB, HEK-236		

Hilton Head Airport

Location—1 mile N. of Port Royal Plantation		
Owner—Beaufort County		
Runway: NE-SW, VASI	3,700	Paved
Operator—Island Aviation, Inc.		
A/C Facilities—100 octane, Jet fuel, A-1, Care Rental, Taxi Courtesy car, Air Taxi service, Flight instruction, Charter		
Runway—Lighted and Beacon and VASI		

Honea Path—Ashley Field (Private)

Location—1.5 miles ESE		
Manager-Owner—C. P. Ashley, Honea Path		
Runways: NNW-SSE	2,100	Turf
WNW-ESE	1,800	Turf
A/C Facilities—storage		

Isle of Palms—Wilson Memorial Airport

Location—1.5 miles NE Isle of Palms		
Manager—S. C. Aeronautics Commission		
Operator—Haywood R. Faison, Jr.		
Runway: ENE-WSW	3,100	Turf and
A/C Facilities—Flight instruction		Oyster Shells

Kershaw—Kershaw Municipal Airport

Location—4 miles S		
Owner—City of Kershaw		
Runways: WNW-WSW	2,545	Turf
NE-SW	2,200	Turf
No A/C Facilities		

Kingstree—Williamsburg County Airport

	Length	Surface
Location—4 miles NW		
Manager—County		
Runway: 4-32	3,700	Paved
Runway—Lighted and beacon and VASI, NDB-CKI-404		

Kline—Walker Airport (Private)

Location—2 miles South		
Manager—J. W. Walker (Owner)		
Runways: NE-SW	2,300	Turf
NW-SE	1,700	Turf
A/C Facilities—Tie down		

Lake City—Evans Airport

Location—1.7 miles SSW		
Owner—City of Lake City		
Runways: N S	3,000	Paved
A/C Facilities—Tie downs, 100 octane (on request)		
Lights and beacon		

Lancaster County Airport

Location—4 miles W		
Owner—Lancaster County		
Runways: (Lighted) NE-SW	6,000	Paved
A/C Facilities—100 octane, storage (on request)		
Unicom, Beacon and VASI Lights, NDB-LKR-400		
Operator—B & F Aviation—Bobby Hinson		

Landrum—Fairview Airport

Location—3 miles SE of City		
Runways: 14-32	3,000	Asphalt
Unicom 122.8, storage, tie downs, charter		

Lane—Lane Airport

Location—Three miles South of Lane		
Manager—Williamsburg County		
Runways: NNW-SSE	3,464	Turf
A/C Facilities—None		

Latta—Latta Airport (Private)

Location—4 miles West		
Owner—R. E. Atkinson, Jr.		
Runway: N-S	3,000	Turf
A/C Facilities—100 octane		

Laurens—Laurens County Airport

Location—9 miles North-Northeast of Laurens		
Owner—Laurens County		
Operator—Laurens County		
Runways: NE-SW	3,200	Paved
A/C Facilities—Lighted, Tie downs, NDB-LUX-307		
100 octane on request		

Loris Airport

	Length	Surface
Location—2 miles ENE		
Owner—Horry County		
Runways: NE-SW	3,000	Paved
A/C Facilities—None, NDB-BEZ-347		
Lights and VASI		

Marion—Mullins Airport

Location—6 miles E Marion
Owner—Marion County
Supervisor—Gault Beason
Runways: NE-SW ..... 4,500 Paved
A/C Facilities—100 octane, Jet fuel, lights, beacon, NDB-MAO-338
Operator—Mrs. James Powers

McCormick County Airport

Location—2 miles West
Owner—McCormick County
Runway: ..... 3,600 Turf

Moncks Corner—Moncks Corner Airport

Location—1.3 miles WSW
Manager—S. C. Aeronautics Commission
Runways: NE-SW (Lighted), VASI ..... 3,100 Paved
A/C Facilities—100 octane, tie down, NDB-MKS-354
Operator—Tri-County Aviation

North Myrtle Beach—Grand Strand Airport

Manager—Robert Pasqualicchio
Runway: NE-SW ..... 5,446 Paved
Lighting—Runway, Beacon, Approach Lights
Navigational Aids—VORTAC 117.6 Localizer
Tower—124.6
A/C Facilities—100, Jet Fuel, Tie Down, Maintenance

Newberry—Newberry County Airport

Location—2.3 miles NNW
Manager—S. C. Aeronautics Commission
Runways: NNE-SSW ..... 3,500 Paved
E-W ..... 2,200 Turf
Lighting—Lights on NNE-SSW Runways and Beacon
Operator—Norman Dellingham
A/C Facilities—100 octane, storage, major repairs
Flight instruction, charter service, Unicom, NDB-EOE-278

Nichols—Battle Field (Private)

	Length	Surface
Location—1 mile SSE		
Runways: NE-SW	2,800	Turf
A/C Facilities—tie down		

Orangeburg—Orangeburg Municipal Airport

Location—1 mile S of Orangeburg		
Manager—R. C. Hadwin		
Owner—City of Orangeburg		
Runways: NE-SW	4,500	Paved
SE-NW	2,900	Turf
Lighting—NE-SW runway, beacon		
Operator—Orangeburg Flying Service		
Flight instruction, charter service, A&E, major and minor repairs		
A/C Facilities—100 octane, Jet fuel, storage, A&E, service, Unicom NDB-OGB-209		

Pageland Airport

Location—4 miles NE City of Pageland		
Runway: NE-SW	3,400	Paved
A/C tie downs, lights		

Pelion—Corporate Airport

Location—2.5 miles NW		
Manager—J. Rubin		
Runway: 17/35	4,600	Paved

Pickens County Airport

Location—6 miles South		
Owner—Pickens County		
Runway: NE-SW	5,000	Paved
A/C Facilities—100 octane, lights and beacon, NDB-LQK-408		

Ridgeland—Ridgeland Municipal Airport

Location—1.3 miles NW		
Manager—S. C. Aeronautics Commission		
Runways: NNE-SSW	3,137	Paved
A/C Facilities—100 octane, storage		
Lights		
Operator—L. C. Joslyn		

Rock Hill—Rock Hill Municipal Airport

Location—Approx. 4 miles NW of Rock Hill		
Runways: NE-SW	5,000	Paved
A/C Facilities—Lights, rotating beacon, Unicom, fuel, tie down, maintenance		
Operator—Carowinds Flying Service		

Saluda Airport

	Length	Surface
Location—5 miles SSW of Saluda		
Owner—Saluda County		
Runways: N-S	3,200	Paved
A/C Facilities—Lighted, tie down		

Spartanburg—Spartanburg Municipal Airport

Location—2.5 miles SW		
Manager—Bill Boatman		
Runways: NE-SW	5,200	Asphalt
WNW-ESE	4,402	Asphalt
N-S	4,223	Asphalt
Lighting—Runway boundary and beacon		
Navigational Aids—L/F range 248 kc, SPA, VORTAC 115.7 mc.		
Communication—Tower 118.3 and 317 kc		
Operators—Orrco Aviation—Mr. Orr, Spartan Aviation—Mr. Claude Horton		
A/C Facilities—100 octane, storage, A&E		

St. George—Dorchester County Airport

Location—4 miles E of St. George		
Owner—Dorchester County		
Runway: NE-SW	3,200	Paved
A/C Facilities—Tie down, 100 octane on request		
Lighted		

St. Matthews Airport (Private)

Location—6 miles 80 degrees from St. Matthews		
Manager—Mr. John Wannamaker, Owner		
Runways: E-W	2,700	Turf
A/C Facilities—None		
Lights on request		

Summerville—Summerville Airport

Location—2 miles N		
Owner—City of Summerville		
Runways: NE-SW Lighted	3,400	Turf
Operator—John N. Shelton		

Sumter—Sumter Municipal Airport

Location—4½ miles NNW of City		
Manager—E. H. Lynam, Jr.		
Runways: NE-SW	4,500	Paved
NW-SE	3,300	Turf
Lighting—Runway lights—beacon, VASI		
Operator—Sumter Airways, Inc.		
Instruction, Charter		
A/C Facilities—100 octane, Jet fuel, storage, A&E major repairs, Unicom NDB-SMS-252		

Timmonsville—Huggins Field (Private)

	Length	Surface
Location—1 mile NE		
Runways: NW-SE	3,000	Turf
Operator—R. M. Weatherly, Flight instruction and charter; crop dusting and spraying		
A/C Facilities—100 octane, storage, lights and beacon, Unicom		

Trenton—Trenton Municipal Airport

Location—1.2 miles E		
Manager—S. C. Aeronautics Commission		
Runways: ENE-WSW	2,200	Turf
NNW-SSE	2,100	Turf
NE-SW (Lighted)	3,500	Turf

Union—Union County Airport

Location—1 mile W		
Manager—Union County Airport Commission		
Runways: NE-SW	3,200	Turf
A/C Facilities—Lights		

Walterboro—Colleton County Airport

Location—1.3 miles NE		
Manager—S. C. Aeronautics Commission		
Owner—Colleton County		
Runways: E-W	5,000	Asphalt
NE-SW	5,150	Asphalt
NNW-SSE	5,800	Asphalt
Lighting—Runway lights, beacon, NDB-RBW-221		
AC Facilities—100 octane, Jet Fuel, storage, Unicom		

Whitmire—Oxner's Airport (Private)

Location—4 miles SSE		
Owner—Asa C. Oxner		
Runways: E-W	2,670	Turf
A/C Facilities—100 octane, storage, major repairs		

Winnsboro—Fairfield County Airport

Owner—Fairfield County		
Location—4 miles SSW		
Runway: 4-22	3,200	Paved
Lighting—Runway lights, beacon, VASI, NBD-FDW-414		

York—Cloniger Airport (Private)

Location—2.5 miles N		
Owner—J. C. Cloniger, York, S. C.		
Runways: N-S	2,600	Turf
Lights on prior request		
A/C Facilities—octane available on prior request		