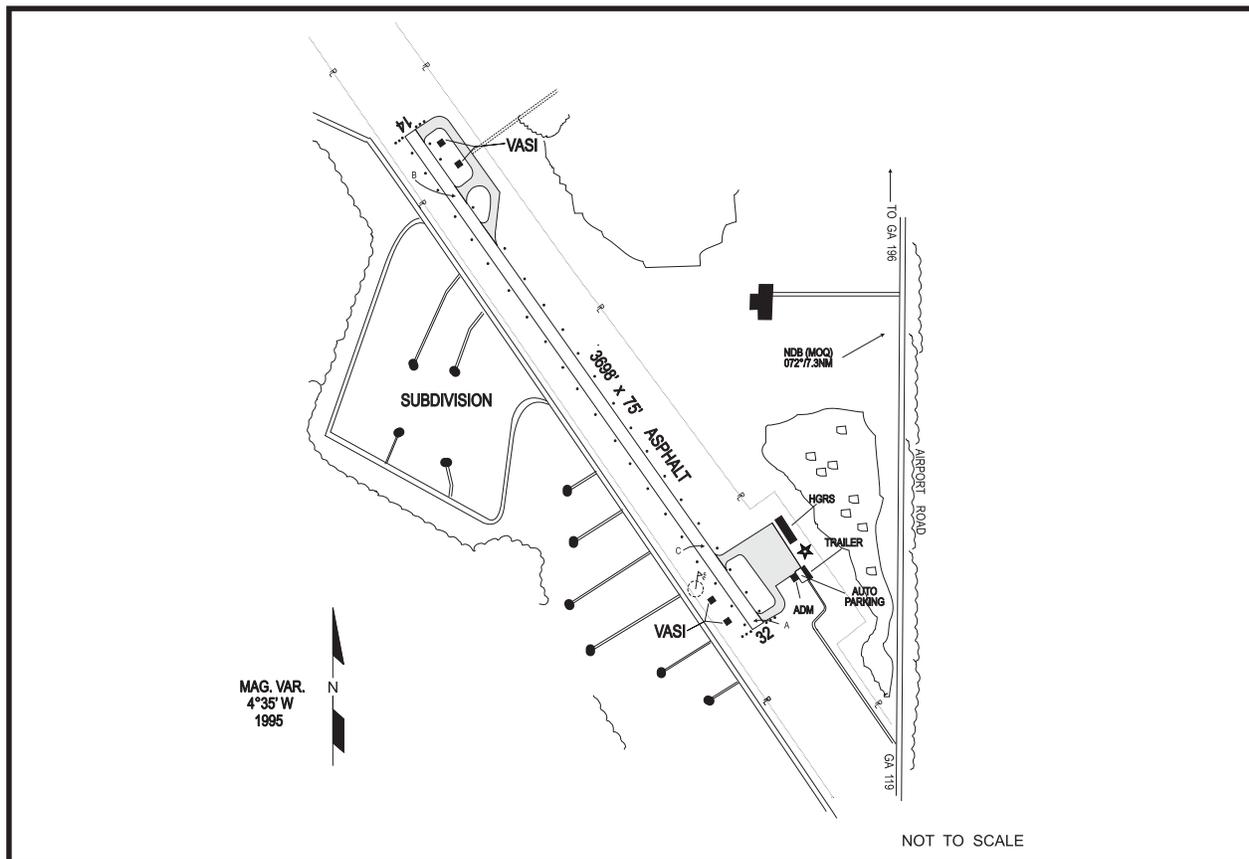
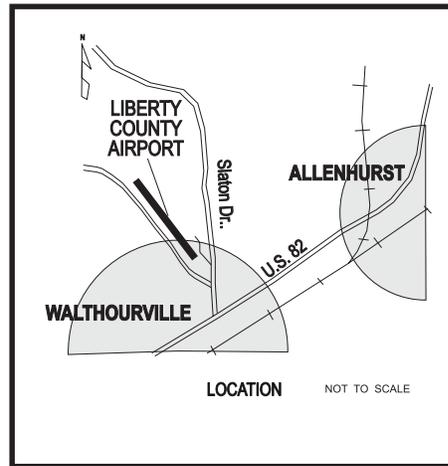


# AIRPORT FINDINGS AND RECOMMENDATIONS

## AIRPORT LOCATION

Liberty County Airport is located in Liberty County in southeastern Georgia approximately 41 miles southwest of Savannah and 59 miles north of Brunswick. The airport can be accessed from the southwest and northeast via U.S. Highway 84, U.S. Highway 25, Georgia Highway 38. Other highways in the vicinity include Interstate 95 and U.S. Highway 17.

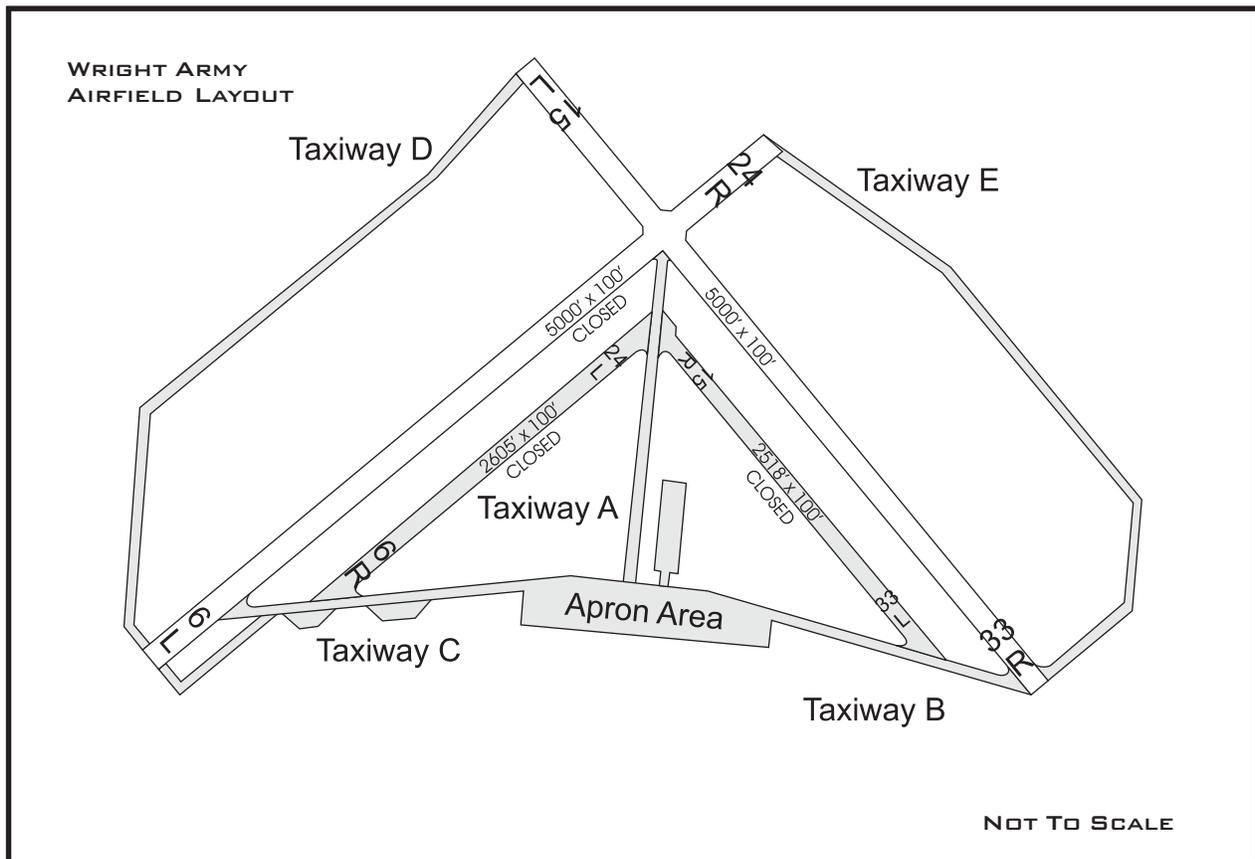
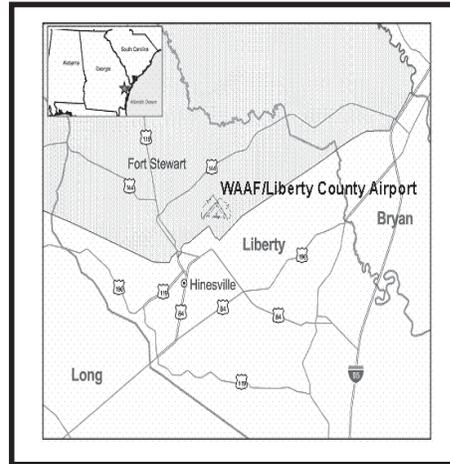
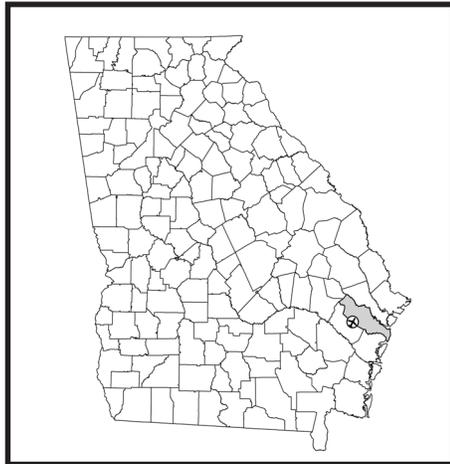
The airport, presently situated on 77 acres, is owned and operated by Liberty County. The airport accommodates a variety of aviation related activities that include recreational flying, agricultural spraying, ultra-lights, experimental aircraft, and forest fire fighting.



# WRIGHT ARMY AIRFIELD

## AIRPORT LOCATION

Wright Army Airfield is located in Liberty County in southeastern Georgia approximately 40 miles southwest of Savannah and 60 miles north of Brunswick. The airport can be accessed from the east and west via U.S. Highway 84 and Georgia Highway 144 and from the north and south via Georgia highways 38 and 119. Other highways in the vicinity include Interstate 95 and U.S. Highways 17 and 25.



# EXISTING FACILITIES

Liberty County Airport has one runway, Runway 14/32, 3,698 feet long by 75 feet wide with medium-intensity runway lighting (MIRL), visual approach slope indicators (VASI), and turnarounds on both runway ends. The airport has a rotating beacon, a wind cone, and a segmented circle. The airport has a GPS approach to Runway 32.

Current landside facilities and services include AvGas fuel and a 750 square foot administration building. There are 10 auto parking spaces, 20 apron parking spaces, and 4 hangar spaces. There is a rental car facility on the airport.

## CURRENT AND FORECAST DEMAND

A review of the airport's historic demand levels shows that based aircraft decreased from 12 in 1990 to a current level of 7. By 2021, the airport's based aircraft are projected to reach 9. The airport has approximately 4,500 annual aircraft takeoffs and landings divided between local and itinerant operations. This figure is projected to increase to 5,540 by 2021. By the end of the planning period, the airport is expected to reach 7% of its available annual operating capacity.

Liberty County Airport	Current	2006	2011	2021
Based Aircraft	7	7	8	9
Operations	4,500	4,701	4,966	5,540
Local	2,676	2,795	2,953	3,294
Itinerant	1,824	1,906	2,013	2,246
Enplanements	N/A	N/A	N/A	N/A
Demand/Capacity Ratio	5%	6%	6%	7%

## AIRPORT FACILITY AND SERVICE NEEDS

The Liberty County Airport has been classified a Level II airport and should provide appropriate facilities and services commensurate with its system role and needs to play an important role in insuring sufficient long term operational capacity is available in the greater Savannah Metropolitan area. A review of the current site of the Liberty County Airport shows that the existing site is constrained and can not be expanded to incorporate the facility and service objectives for a Level II airport.

Continued development of the existing Liberty County airport would require significant funding from State and Federal sources to accomplish the recommended development. Residential development adjacent to the airport would preclude any development at the existing site. The Liberty County Airport should be relocated to Wright Army Airfield, which has the existing Level II airside facilities needed. The relocated facility will provide an airport with the potential of being upgraded to a Level III facility, be within 45-minutes of the Savannah/Hilton Head International Airport, and be identified as a reliever airport for Savannah/Hilton Head International. Airport improvements for the relocated facility identified in the System Plan include:

- Install PAPI
- Install AWOS or ASOS
- Phase II: 4 hangar spaces are needed; Phase II: 1 additional hangar space is needed; Phase III: 1 additional hangar space is needed
- Provide 1,500 square feet of additional terminal/admin space
- Phase I: 11 auto parking spaces are needed; Phase II: 1 additional auto parking spaces is needed; Phase III: 2 additional auto parking spaces are needed
- Phase I: 6 apron parking spaces are needed; Phase II: 1 additional apron parking space is needed; Phase III: 1 additional apron parking space is needed
- Provide full service FBO
- Provide AvGas and Jet A fuel as needed
- Provide limited/full service maintenance
- Provide rental cars

The following table summarizes Wright Army Airfield's current facilities and services, the airport's facility and service objectives, and actions/projects needed to meet these objectives.

## FACILITY AND SERVICE OBJECTIVES Level II

### Liberty County/Wright Army Airfield

	<b>EXISTING (Wright Army Airfield)</b>	<b>SYSTEM OBJECTIVE</b>	<b>RECOMMENDED</b>
<b>Airside Facilities</b>			
Runway Length (Rwy 15L/33R)	5,000	5,000 feet	None
Runway Width	100	100 feet	None
Taxiway Type	Full Parallel	Full Parallel	None
Approach	Non-Precision	Non-Precision	None
Lighting- Runway	HIRL	MIRL	None
Lighting- Taxiway	MITL	MITL	None
NAVAIDS	Rotating Beacon	Rotating Beacon	None
NAVAIDS	Segmented Circle	Segmented Circle	None
NAVAIDS	Wind Cone	Wind Cone	None
NAVAIDS	PAPI	PAPI	PAPI
NAVAIDS	None	Other NAVAIDS as required for non-precision approach	None
Weather Reporting	None	AWOS/ASOS	AWOS/ASOS
Ground Communications	Public Telephone	Public Telephone, GCO	None
<b>General Aviation Landside Facilities</b>			
Hangared Aircraft Storage	None	60% of based fleet	Phase I: 4 spaces needed Phase II: 1 add'l space needed Phase III: 1 add'l space needed
Apron Parking/Storage	None	40% of based aircraft plus additional 50% for transient aircraft	Phase I: 6 spaces needed Phase II: 1 add'l space needed Phase III: 1 add'l space needed
Terminal/Administrative	None	1,500 square feet minimum with amenities	Provide 1,500 square foot terminal bldg.
Auto Parking	None	One Space for each based aircraft, plus 50% for visitors/employees	Phase I: 11 spaces needed Phase II: 1 add'l space needed Phase III: 2 add'l spaces needed
<b>Services</b>			
FBO	None	Full service	Full service
Maintenance	None	Limited/Full service	Limited/Full service
Fuel	None	AvGas	AvGas
Fuel	None	Jet Fuel	As needed
Rental Cars	None	Available	Available

## OTHER RECOMMENDATIONS

Additional actions or projects required for the relocated Liberty County Airport/Wright Army Airfield to meet Level II performance objectives are as follows:

- Update the Master Plan in Phase II (2007) and Phase III (2017)
- Adopt Land Use/Zoning Controls

