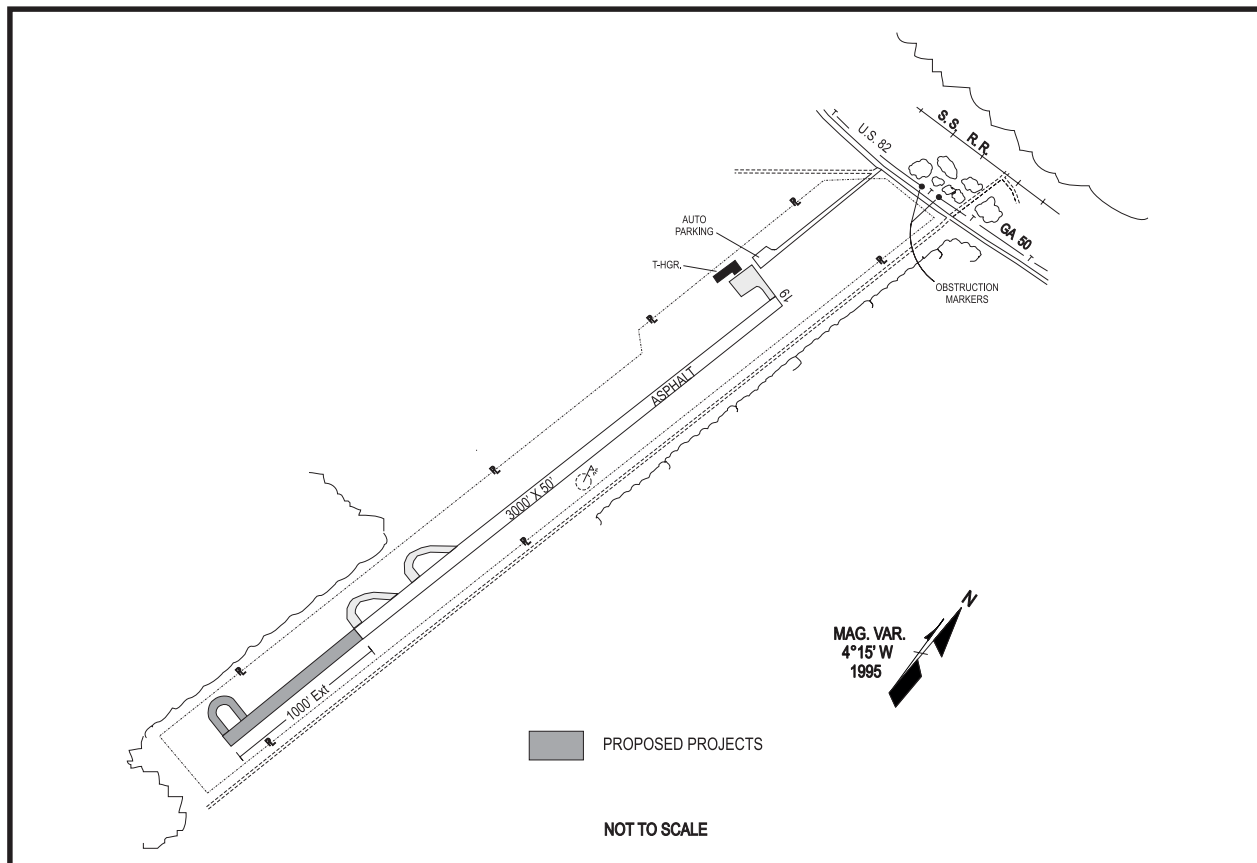
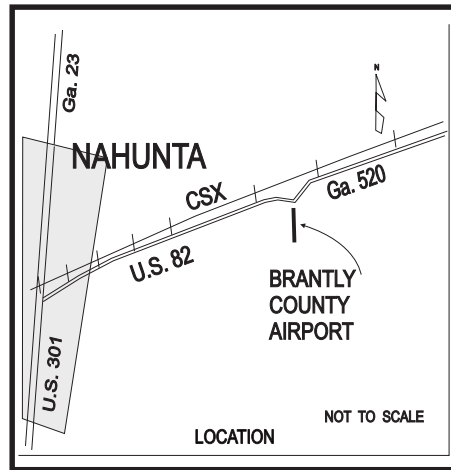


AIRPORT FINDINGS AND RECOMMENDATIONS

AIRPORT LOCATION

Brantley County Airport is located in Brantley County in the southeastern part of Georgia approximately 37 miles west of Brunswick and 23 miles east of Waycross. The primary highway access to the airport from the east and west is via U.S. 82/ Georgia Highway 520. Other highways in the vicinity include U.S. Highway 301 and Georgia Highway 23.

The airport, situated on 59 acres, is owned and operated by Brantley County. The airport accommodates a variety of aviation related activities including recreational flying, agricultural spraying, and police/law enforcement.



EXISTING FACILITIES

Brantley County Airport has one runway, Runway 01/19, 3,000 feet long and 50 feet wide. The runway has two turnarounds on Runway 01, a segmented circle, and wind cone.

Current landside facilities include 12 auto parking spaces, 3 apron parking spaces, 3 hangar spaces.

CURRENT AND FORECAST DEMAND

A review of the airport's historic demand levels shows that based aircraft stayed the same with 2 in 1990 and 2001. By 2021, the airport's based aircraft are expected to reach 3. Currently, the airport has approximately 1,000 annual aircraft takeoffs and landings divided between local and itinerant operations. This figure is projected to increase to 1,110 by 2021. By the end of the planning period, the airport is expected to reach 1% of its available annual operating capacity.

Brantley County Airport	Current	2006	2011	2021
Based Aircraft	2	2	2	3
Operations	1,000	1,022	1,051	1,110
Local	500	511	525	555
Itinerant	500	511	525	555
Enplanements	N/A	N/A	N/A	N/A
Demand/Capacity Ratio	1%	1%	1%	1%

AIRPORT FACILITY AND SERVICE NEEDS

The Brantley County Airport has been classified a Level I airport and should provide appropriate facilities and services commensurate with its system role. Airport improvements identified in System Plan include:

- Extend runway 1,000 feet
- Widen runway 25 feet
- Install non-precision approach
- Install MIRL
- Install MITL
- Install turnaround after runway extension
- Install rotating beacon
- Install PAPI
- Install public telephone or GCO
- Provide terminal building with 750 square feet
- Provide limited service FBO
- Provide AvGas

The following table summarizes current facilities and services, the airport's facility and service objectives, and actions/projects for the Brantley County Airport to meet these objectives.

FACILITY AND SERVICE OBJECTIVES Level I

Nahunta-Brantley County Airport-4J1

	EXISTING	SYSTEM OBJECTIVE	RECOMMENDED
Airside Facilities			
Runway Length (Rwy 01/19)	3,000	4,000 feet	Extend 1,000 Feet
Runway Width	50	75 feet	Widen 25 Feet
Taxiway Type	Turnarounds	Turnarounds	Install turnaround after runway extension
Approach	Visual	Non-Precision	Non-Precision
Lighting- Runway	None	MIRL	MIRL
Lighting- Taxiway	None	MITL	MITL
NAVAIDS	None	Rotating Beacon	Rotating Beacon
NAVAIDS	Segmented Circle	Segmented Circle	None
NAVAIDS	Wind Cone	Wind Cone	None
NAVAIDS	None	PAPI	PAPI
NAVAIDS	None	Other NAVAIDS as required for non-precision approach	None
Weather Reporting	None	None	None
Ground Communications	None	Public Telephone or GCO	Phone or GCO
General Aviation Landside Facilities			
Hangared Aircraft Storage	3 spaces	60% of based fleet	None
Apron Parking/Storage	3 spaces	40% of based aircraft plus additional 25% for transient aircraft	None
Terminal/Administrative	No Terminal Building	750 square feet minimum with amenities	Provide 750 square feet terminal building
Auto Parking	12 spaces	One Space for each based aircraft, plus 25% for visitors/employees	None
Services			
FBO	None	Limited Service	Limited Service
Fuel	None	AvGas	Provide AvGas
Fuel	None	Jet Fuel	None

OTHER RECOMMENDATIONS

Additional actions or projects required for the Brantley County Airport to meet Level I performance objectives:

- Update the Master Plan/ALP in Phase I (2003) and Phase III (2018)
- Adopt Land Use/Zoning Controls
- Pavement Condition Index (PCI) needs to increase by 16 PCI to reach the 70 PCI objective

DEVELOPMENT COSTS

The accompanying table summarizes the estimated costs needed for Brantley County Airport to meet each of the recommendations of the Georgia Aviation System Plan.

BRANTLEY COUNTY AIRPORT									
Associated City FAA Identifier Level	Facility Objectives			Facility Needs			Costs		
	Existing	Objective	Phase I	Phase II	Phase III	Phase I	Phase II	Phase III	
NAHUNTA 4J1 I									
Airfield									
Runway Length	3,000	4,000		Extend Runway 1/19, 1,000 feet.		\$949,000			
Runway Width	50	75		Widen Existing RW 1/19 25 feet.		included			
Taxiway Type	2 turnarounds	2 turnarounds		Construct taxiway turnaround after RW 1 extension.		\$50,000			
Runway Lighting	None	MIRL		Install MIRL on existing runway.		\$75,000			
Taxiway Lighting	None	MITL		Install MITL on taxiway turnaround.		included			
Land Acquisition				Acquire 120 acres.		\$655,000			
Earthwork				Normal		\$52,000			
Pavement Maintenance	54 PCI	>70 PCI		<70 PCI		\$225,000			
Navigational Aids									
PAPI	None	PAPI		2		\$50,000			
Rotating Beacon	None	Rotating Beacon		1		\$50,000			
Segmented Circle	Yes	Segmented Circle							
Windcone	Yes	Windcone							
Weather	N/A	N/A							
GCO/Phone	None	GCO/Phone		1		\$15,000			
Approach Lighting	N/A	N/A							
General Aviation Facilities									
Phase I									
Hangar Storage	3	2							
Apron	3	2							
Auto Spaces	12	4							
Terminal Space	0	750		750		\$112,500			
Fuel				1		\$50,000			
Phase II									
Phase III									
Planning/Environmental									
ALP Update	1968	Update every 15 years	1	1		funded		\$40,000	
Environmental Assessment			1			\$70,000			
						Subtotal		\$2,176,000	\$40,000
Total Estimated Cost							\$	2,393,500	

Note: It is assumed that non-precision GPS approaches and precision GPS approaches will be available in the near future. The cost associated with this technology resides in the aircraft. Therefore, additional equipment costs associated with providing future non-precision and precision approaches have not been estimated.