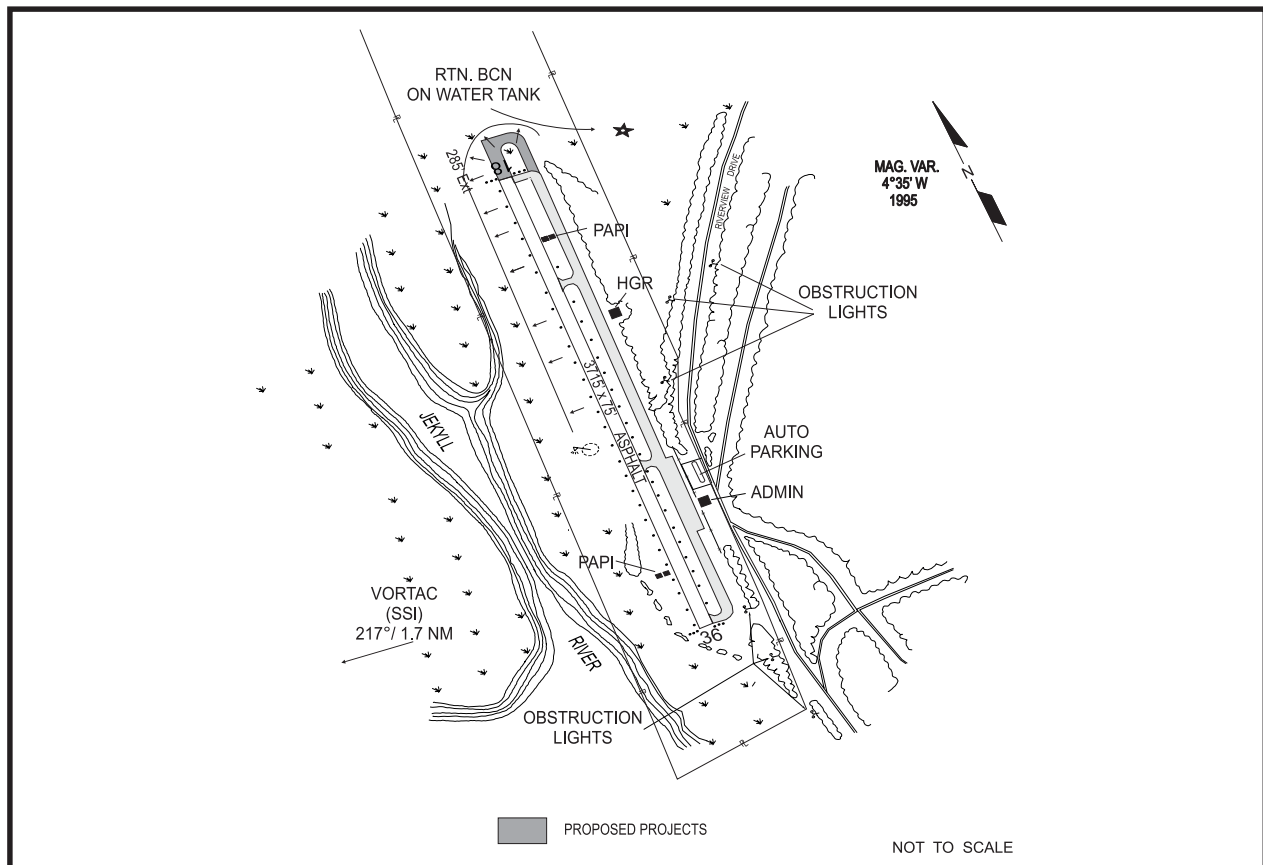
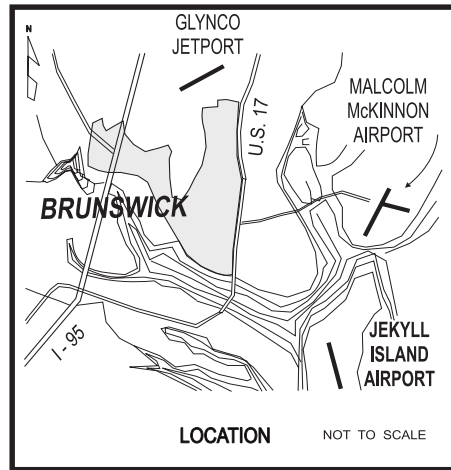


AIRPORT FINDINGS AND RECOMMENDATIONS

AIRPORT LOCATION

Jekyll Island Airport is located in Glynn County on the coast of Georgia approximately 13 miles south of Brunswick and 48 miles north of St. Marys. The primary highway access to the airport from the north and south is via U.S. 17/Georgia Highway 25. Other highways in the vicinity include Interstate 95 and Georgia Highways 303 and 520.

The airport, situated on 100 acres, is owned and operated by the Jekyll Island Authority. The airport accommodates general aviation related activities.



EXISTING FACILITIES

Jekyll Island Airport has one runway, Runway 18/36, 3,715 feet long and 75 feet wide with medium-intensity runway lighting (MIRL) and precision approach path indicators (PAPI). The airport has a rotating beacon, segmented circle, lighted wind cone, and a full parallel taxiway.

Current landside facilities and services include an 800 square foot administration building with 15 auto parking spaces, 15 apron parking spaces, and 1 hangar space.

CURRENT AND FORECAST DEMAND

A review of the airport's historic demand levels shows that based aircraft decreased from 3 in 1990 to a current level of zero. By 2021, the airport's based aircraft are expected to increase to 3. Currently, the airport has approximately 2,000 annual aircraft takeoffs and landings divided between local and itinerant operations. This figure is projected to increase to 4,020 by 2021. By the end of the planning period, the airport is expected to reach 2% of the airports annual operating capacity.

Jekyll Island Airport	Current	2006	2011	2021
Based Aircraft	0	1	2	3
Operations	2,000	2,644	3,301	4,020
Local	0	600	1,200	1,800
Itinerant	2,000	2,044	2,101	2,220
Enplanements	N/A	N/A	N/A	N/A
Demand/Capacity Ratio	1%	1%	2%	2%

AIRPORT FACILITY AND SERVICE NEEDS

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

- Extend runway 285 feet
- Install MITL
- Phase III: 1 additional hangar space is needed
- Provide limited service FBO
- Provide AvGas

The following table summarizes current facilities and services, the airport's facility and service objectives, and actions/projects that are needed for Jekyll Island Airport to meet these objectives.

FACILITY AND SERVICE OBJECTIVES Level I
Jekyll Island-Jekyll Island Airport-09J

	EXISTING	SYSTEM OBJECTIVE	RECOMMENDED
Airside Facilities			
Runway Length (Rwy 18/36)	3,715	4,000 feet	Extend 285 Feet
Runway Width	75	75 feet	None
Taxiway Type	Full Parallel	Turnarounds	None
Approach	Non-Precision	Non-Precision	None
Lighting- Runway	MIRL	MIRL	None
Lighting- Taxiway	None	MITL	MITL
NAVAIDS	Rotating Beacon	Rotating Beacon	None
NAVAIDS	Segmented Circle	Segmented Circle	None
NAVAIDS	Wind Cone	Wind Cone	None
NAVAIDS	PAPI	PAPI	None
NAVAIDS	None	Other NAVAIDS as required for non-precision approach	None
Weather Reporting	None	None	None
Ground Communications	Public Telephone	Public Telephone or GCO	None
General Aviation Landside Facilities			
Hangared Aircraft Storage	1 space	60% of based fleet	Phase III: 1 add'l space needed
Apron Parking/Storage	15 space	40% of based aircraft plus additional 25% for transient aircraft	None
Terminal/Administrative	800 Square feet	750 square feet minimum with amenities	None
Auto Parking	15 space	One Space for each based aircraft, plus 25% for visitors/employees	None
Services			
FBO	None	Limited Service	Provide Limited Service
Fuel	None	AvGas	AvGas
Fuel	None	Jet Fuel	None

OTHER RECOMMENDATIONS

Additional actions or projects required for the Jekyll Island 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

DEVELOPMENT COSTS

The accompanying table summarizes the estimated costs for Jekyll Island Airport to meet each of recommendations of the Georgia Aviation System Plan.

Associated City		Jekyll Island		FAA Identifier		09J		Level		I		JEKYLL ISLAND AIRPORT			
		Facility Objectives		Facility Needs		Phase I		Phase II		Phase III					
Existing	Objective														
		Airfield													
	Runway Length	3,715	4,000	Extend Runway 16/34 by 285 feet.											
	Runway Width	75	75									\$320,625	Included		
	Taxiway Type	parallel	2 turnarounds	Extend existing taxiway.								\$64,838	Included		
	Runway Lighting	MIRL	MIRL	Install MIRL on runway extension.											
	Taxiway Lighting	None	MITL	Install MITL on taxiway extension.									Included		
	Land Acquisition														
	Earthwork			Extreme							\$300,000				
	Pavement Maintenance	70 PCI	>70 PCI												
Navigational Aids															
	PAPI	Yes	PAPI												
	Rotating Beacon	Yes	Rotating Beacon												
	Segmented Circle	Yes	Segmented Circle												
	Windcone	Yes	Windcone												
	Weather	N/A	N/A												
	GCO/Phone	Phone	GCO/Phone												
	Approach Lighting	N/A	N/A												
General Aviation Facilities															
						Phase I		Phase II		Phase III					
	Hangar Storage	1	2							1			\$27,500		
	Apron	15	2												
	Auto Spaces	15	4												
	Terminal Space	800	750												
	Fuel									1			\$50,000		
Planning/Environmental															
	ALP Update	1970	Update every 15 years	1								\$40,000			
	Environmental Assessment			1								\$70,000			
												Subtotal	\$410,000		\$435,463
												Total Estimated Cost	\$	912,963	

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.