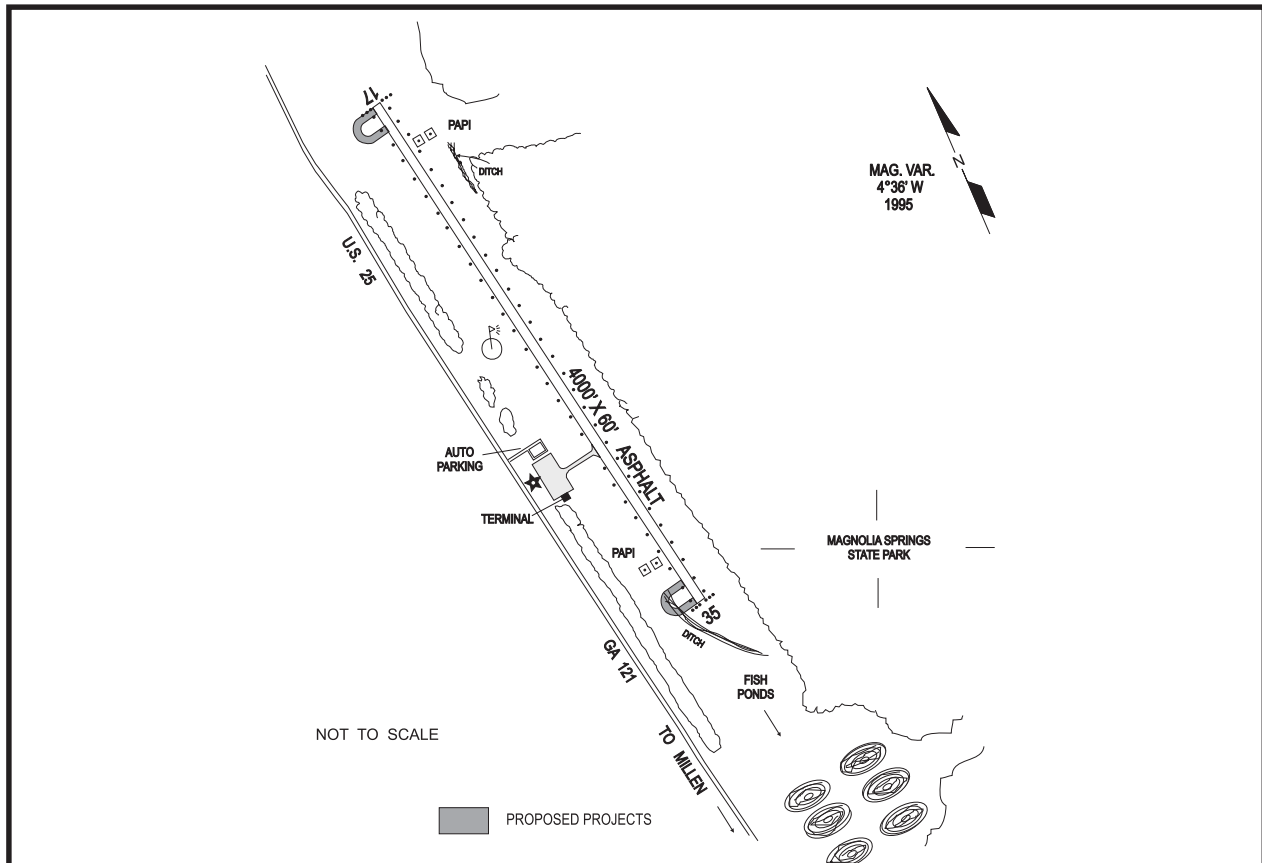
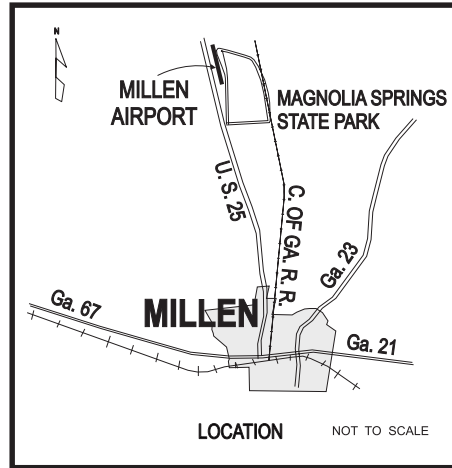
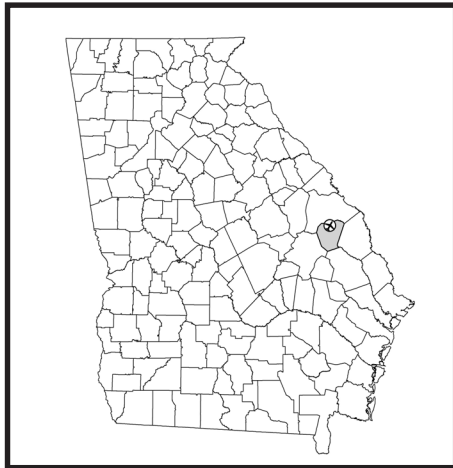


# AIRPORT FINDINGS AND RECOMMENDATIONS

## AIRPORT LOCATION

Millen Airport is located in Jenkins County in the eastern part of Georgia approximately 45 miles south of Augusta and 3 miles north of Statesboro. The primary highway access to the airport from the north and south is via U.S. 25. Other highways in the vicinity include Georgia Highways 23, 21, and 67.

The airport, situated on 70 acres, is owned and operated by the city of Millen and Jenkins County. The airport accommodates general aviation related activities including recreational flying and agricultural spraying.



# EXISTING FACILITIES

Millen Airport has one runway, Runway 17/35, 4,000 feet long and 60 feet wide with medium-intensity runway lighting (MIRL) and precision approach path indicators (PAPI). The airport has a rotating beacon, wind cone, and a segmented circle.

Current landside facilities include a 300 square foot administration building/terminal and 9 apron parking spaces.

# CURRENT AND FORECAST DEMAND

A review of the airport's historic demand levels shows that based aircraft increased from zero in 1990 to a current level of 3. By 2021, the airport's based aircraft are expected to reach 4. Currently, the airport has approximately 2,500 annual aircraft takeoffs and landings divided between local and itinerant operations. This figure is projected to increase to 2,775 by 2021. By the end of the planning period, the airport is expected to reach 4% of its available annual operating capacity.

Millen Airport	Current	2006	2011	2021
Based Aircraft	3	3	3	4
Operations	2,500	2,555	2,627	2,775
Local	1,111	1,136	1,167	1,233
Itinerant	1,389	1,420	1,459	1,541
Enplanements	N/A	N/A	N/A	N/A
Demand/Capacity Ratio	3%	3%	3%	4%

# AIRPORT FACILITY AND SERVICE NEEDS

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

- Widen runway 15 feet
- Construct taxiway turnarounds
- Install non-precision approach
- Install MITL
- Phase I: 2 hangar spaces are needed; Phase III: 1 additional hangar space is needed
- Provide 450 square feet of additional terminal/admin space
- Phase I: 4 auto parking spaces are needed; Phase III: 1 additional auto parking 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 for the Millen Airport to meet these objectives.

## FACILITY AND SERVICE OBJECTIVES Level I

### Millen – Millen Airport – 2J5

	EXISTING	SYSTEM OBJECTIVE	RECOMMENDED
<b>Airside Facilities</b>			
Runway Length (Rwy 17/35)	4,000	4,000 feet	None
Runway Width	60	75 feet	Widen 15 Feet
Taxiway Type	None	Turnarounds	Turnarounds
Approach	Visual	Non-Precision	Non-Precision
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
<b>General Aviation Landside Facilities</b>			
Hangared Aircraft Storage	No spaces	60% of based fleet	Phase I: 2 spaces needed Phase III: 1 add'l space needed
Apron Parking/Storage	9 spaces	40% of based aircraft plus additional 25% for transient aircraft	None
Terminal/Administrative	300 Square Feet	750 square feet minimum with amenities	Provide add'l 450 square feet
Auto Parking	No spaces	One Space for each based aircraft, plus 25% for visitors/employees	Phase I: 4 spaces needed Phase III: 1 add'l space needed
<b>Services</b>			
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 Millen Airport to meet Level I performance objectives:

- Update the Master Plan/ALP in Phase I (2003) and Phase III (2018)

# DEVELOPMENT COSTS

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

MILLEN AIRPORT							
Associated City Millen	FAA Identifier 2J5	Level I					
Facility Objectives			Facility Needs		Costs		
Existing	Objective				Phase I	Phase II	Phase III
Airfield							
	4,000	4,000					
Runway Length	60	75	Widen Runway 17/35 15 feet.				\$420,000
Runway Width	None	2 turnarounds	Install turnaround taxiways at each end of RW 17/35.				\$100,000
Taxiway Type	MIRL	MIRL	Relocate MIRL.				included
Runway Lighting	None	MITL	Install MITL on taxiway turnarounds.				included
Taxiway Lighting							
Land Acquisition							included
Earthwork			Normal				
Pavement Maintenance	73 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	0	2	2			\$55,000	\$27,500
Apron	9	2					
Auto Spaces	0	5	4			\$6,000	\$1,500
Terminal Space	300	750	450			\$67,500	\$50,000
Fuel							
Planning/Environmental							
ALP Update	1968	Update every 15 years	1			\$40,000	\$40,000
Environmental Assessment							
					Subtotal	\$101,000	\$67,500
<b>Total Estimated Cost</b>						<b>\$</b>	<b>807,500</b>

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.