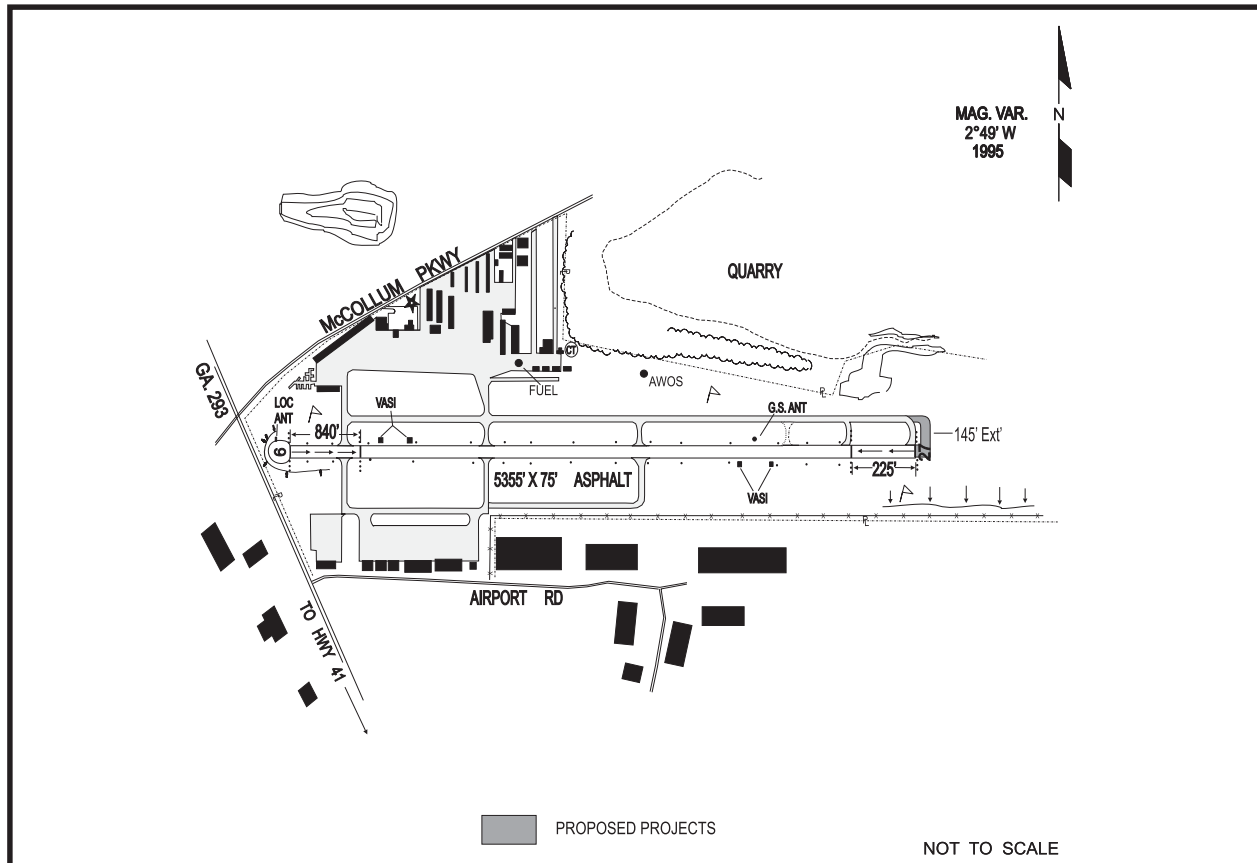
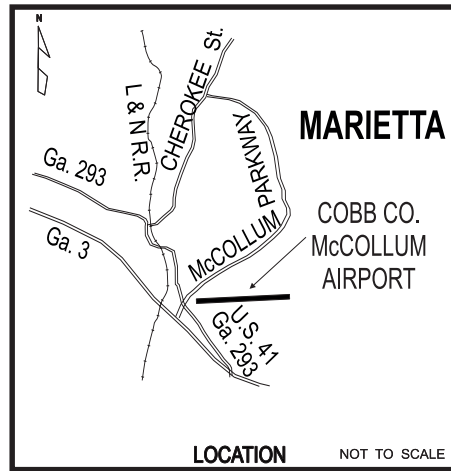
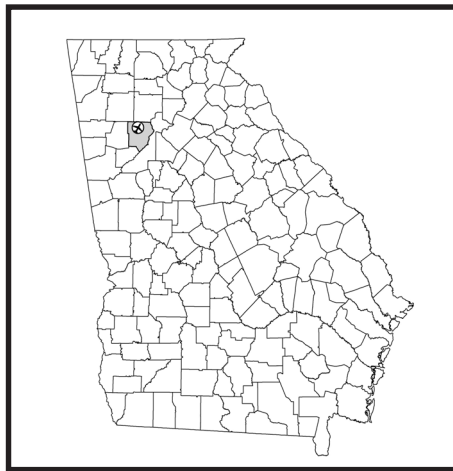


AIRPORT FINDINGS AND RECOMMENDATIONS

AIRPORT LOCATION

Cobb County – McCollum Field is located in Cobb County in the Atlanta metro area approximately 19 miles northwest of Atlanta and 26 miles southeast of Cartersville. The primary highway access to the airport from the southeast and northwest is via U.S. Highway 41 and Georgia Highway 293. Other highways in the vicinity include Interstates 75 and 575 and Georgia Highways 5 and 401.

The airport, situated on 309 acres, is owned and operated by Cobb County. The airport accommodates a variety of aviation related activities that include recreational flying, corporate/business jets, police/law enforcement, shipping of just-in-time, experimental aircraft, and aerial photography/surveying.



EXISTING FACILITIES

Cobb County-McCollum Field is served by one runway, Runway 09/27, 5,355 feet long by 75 feet wide with medium intensity runway lighting (MIRL), visual approach slope indicator lights (VASI), and a full parallel taxiway with medium intensity taxiway lighting (MITL). Runway 09 has a displaced threshold of 840 feet and Runway 27 has a displaced threshold of 250 feet. The airport has a rotating beacon, segmented circle, wind cone and AWOS-3. The airport has an RNAV GPS and VOR/DME approach to Runway 09 and an ILS and RNAV GPS approach to Runway 27.

Current landside facilities and services include a full service FBO and maintenance facility with a fuel concession that provides AvGas and Jet A fuel. The airport has 250 auto parking spaces and a 6,840 square foot terminal/administration building. There are 111 hangar spaces, 200 apron parking spaces, and 250 auto parking spaces. Rental cars are available.

CURRENT AND FORECAST DEMAND

A review of the airport's historic demand levels shows that based aircraft increased from 323 in 1990 to a current level of 365. By 2021, the airport's based aircraft are expected to reach 560. Currently, the airport has approximately 130,000 annual aircraft takeoffs and landings divided between local and itinerant operations. This figure is projected to increase to 200,727 by 2021. By the end of the planning period, the airport is expected to reach 87% of its available annual operating capacity.

Cobb County-McCollum Field	Current	2006	2011	2021
Based Aircraft	365	468	497	560
Operations	130,000	158,203	171,265	200,727
Local	57,825	70,370	76,180	89,285
Itinerant	57,825	70,370	76,180	89,285
Enplanements	N/A	N/A	N/A	N/A
Demand/Capacity Ratio	57%	69%	74%	87%

AIRPORT FACILITY AND SERVICE NEEDS

Cobb County-McCollum Field has been classified a Level III airport and should provide appropriate facilities and services commensurate with its system role. Airport improvements identified in the system plan include:

- Extend runway 145 feet
- Widen runway 25 feet
- Upgrade MIRL to HIRL
- Install PAPI
- Install Approach Light System
- Phase I: 217 additional hangar spaces are needed; Phase II: 20 additional hangar spaces are needed; Phase III: 44 additional hangar spaces are needed
- Phase I: 452 additional auto parking spaces are needed; Phase II: 44 additional auto parking spaces are needed; Phase III: 95 additional auto parking spaces are needed
- Phase I: 46 additional apron parking spaces are needed; Phase II: 15 additional apron parking spaces are needed; Phase III: 33 additional apron parking spaces are needed.

The following table summarizes current facilities and services, the airport's facility and service objectives, and actions/projects that are needed to make the airport compliant with each of these objectives.

FACILITY AND SERVICE OBJECTIVES Level III
Marietta-Cobb County- McCollum Field-RYY

	EXISTING	SYSTEM OBJECTIVE	RECOMMENDED
Airside Facilities			
Runway Length	5,355	5,500 feet or greater	Extend 145 feet
Runway Width	75	100 feet	Widen 25 feet
Taxiway Length	Full Parallel	Full Parallel	None
Approach	Precision	Precision	None
Lighting- Runway	MIRL	HIRL for precision approaches; MIRL for non-precision approaches	HIRL
Lighting- Taxiway	MITL	MITL	None
NAVAIDS	Rotating Beacon	Rotating Beacon	None
NAVAIDS	Segmented Circle	Segmented Circle	None
NAVAIDS	Wind Cone	Wind Cone	None
NAVAIDS	VASI	PAPI	PAPI
Weather	AWOS-3	AWOS/ASOS	None
Approach Light System	None	Approach Lighting System	Approach Lighting System
General Aviation Landside Facilities			
Hangared Aircraft Storage	111 spaces	70% of based fleet	Phase I: 217 add'l spaces needed Phase II: 20 add'l spaces needed Phase III: 44 add'l spaces needed
Apron Parking/Storage	200 spaces	30% based of aircraft plus additional 75% for transient aircraft	Phase I: 46 add'l spaces needed Phase II: 15 add'l spaces needed Phase III: 33 add'l spaces needed
Terminal/Administrative	6,840 square feet	2,500 square feet minimum with amenities	None
Aviation Auto Parking	250 spaces	One Space for each based aircraft, plus 50% for visitors/employees	Phase I: 452 add'l spaces needed Phase II: 44 add'l spaces needed Phase III: 95 add'l spaces needed
Services			
FBO	Full Service	Full Service	None
Maintenance	Full Service	Full Service	None
Fuel	AvGas	AvGas	None
Fuel	Jet Fuel	Jet Fuel	None
Rental Cars	Available	Available	None

OTHER RECOMMENDATIONS

Additional actions or projects required for Cobb County – McCollum Field Airport to meet Level III performance objectives:

- Update the Master Plan/ALP in Phase II (2011) and Phase III (2021)

DEVELOPMENT COSTS

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

COBB COUNTY-MCCOLLUM FIELD						
Airport Location MARIETTA FAA Identifier RYY Service Objective III	Facility Objectives		Facility Needs		Costs	
	Existing	Objective	Facility Needs	Phase I	Phase II	Phase III
Airfield						
Runway Length	5,355	5,500	Extend Runway 9/27 by 145 feet.		\$1,650,000	
Runway Width	75	100	Widen Runway 25 feet.	included		
Taxiway Type	Full Parallel	Full Parallel	Extend/relocate taxiway 145 feet.		\$150,000	
Runway Lighting	MIRL	HIRL	Replace MIRL with HIRL		\$192,500	
Taxiway Lighting	MITL	MITL	Install MITL on runway extension.	included		
Land Acquisition						
Earthwork				included		
Pavement Maintenance	72 PCI	>70 PCI				
Navigational Aids						
PAPI		PAPI			\$50,000	
Rotating Beacon	Yes	Rotating Beacon				
Segmented Circle	Yes	Segmented Circle				
Windcone	Yes	Windcone				
Weather	AWOS-3	ASOS or AWOS				
GCO/Phone	Phone	GCO/Phone				
Approach Lighting	None	Approach Lighting			\$300,000	
General Aviation Facilities						
				Phase I	Phase II	Phase III
Hangar Storage	111	392	217	20	44	\$1,210,000
Apron	200	294	46	15	33	\$550,000
Auto Spaces	250	840	452	44	95	\$324,000
Terminal Space	6,840	2,000				\$66,000
Fuel						
Planning/Environmental						
ALP Update	2001	Update every 10 years		1	1	\$60,000
Environmental Assessment						
				Subtotal		\$9,981,600
Total Estimated Cost					\$	13,106,900

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.