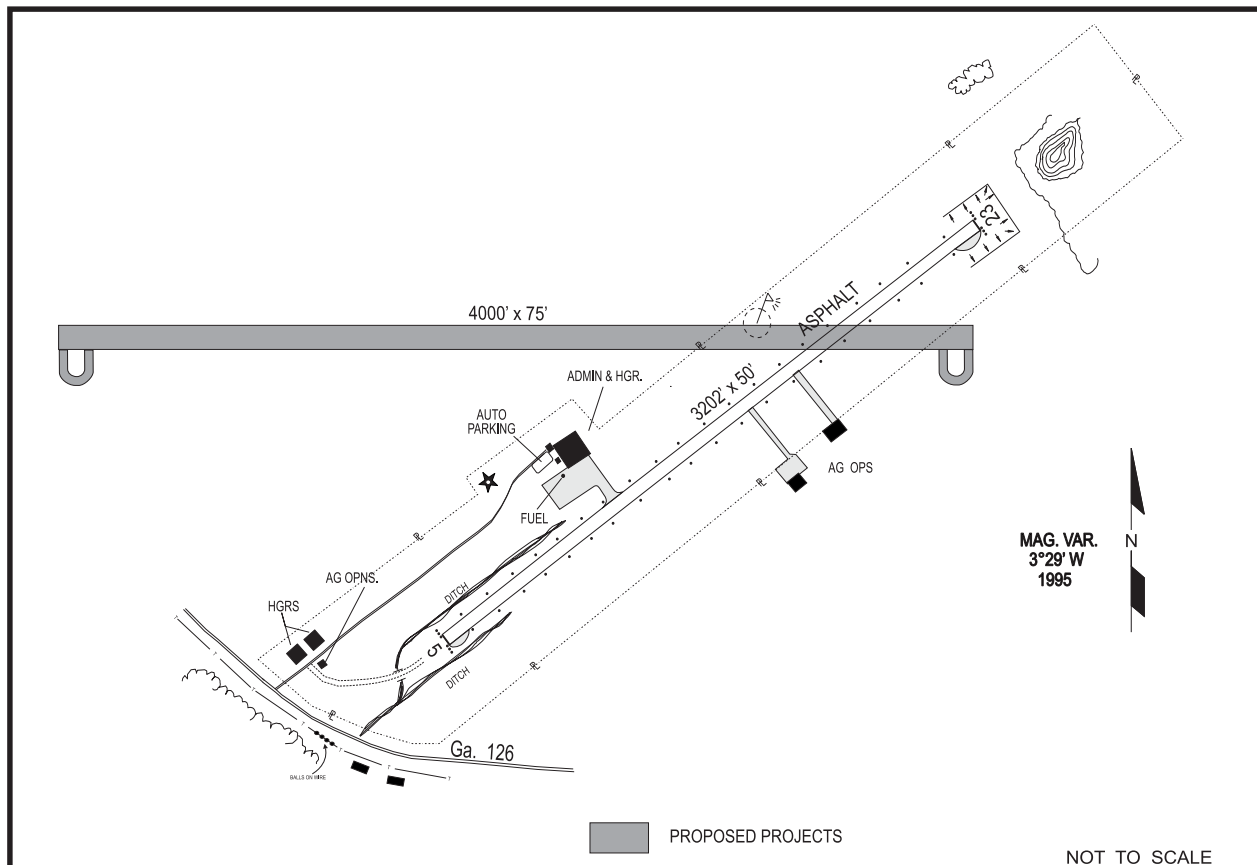
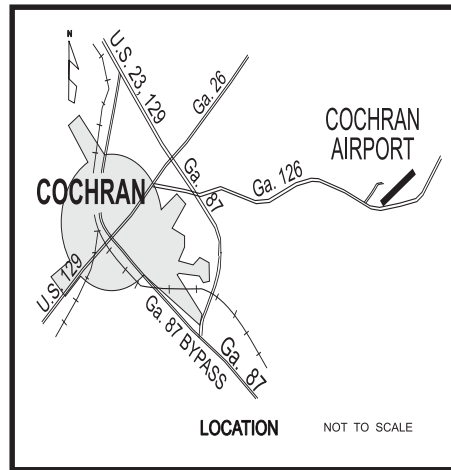


AIRPORT FINDINGS AND RECOMMENDATIONS

AIRPORT LOCATION

The Cochran Airport is located in Bleckley County in the south central part of Georgia approximately 44 miles southeast of Macon and 45 miles northeast of Cordele. The primary highway access to the airport from the east and west is via Interstate 16 and Georgia Highway 126. Other highways in the vicinity are U.S. Highways 129 and 23, and Georgia Highways 87, 112, 26, and 278.

The airport, situated on 69 acres, is owned and operated by the City of Cochran, and accommodates a variety of aviation related activities including recreational flying, agricultural spraying, ultra-lights, and experimental aircraft.



EXISTING FACILITIES

Cochran Airport has one runway, Runway 05/23, 3,202 feet long and 50 feet wide with medium-intensity runway lighting (MIRL). The runway has stub turnarounds at both ends. The airport has a rotating beacon, wind cone, segmented circle, and VOR/DME or GPS approaches to Runway 05.

Current landside facilities and services at the airport include 8 hangar spaces, 6 apron spaces, and 4 auto parking spaces. There is an FBO providing aircraft repair at the airport.

CURRENT AND FORECAST DEMAND

A review of the airports historic demand levels shows that based aircraft increased from 8 in 1990 to a current level of 13. By 2021, the airport's based aircraft are expected to reach 16. Currently, the airport has approximately 9,500 annual aircraft takeoffs and landings divided between local and itinerant operations. This figure is projected to increase to 12,965 by 2021. By the end of the planning period, the airport is expected to reach 12% of its available annual operating capacity.

Cochran Airport	Current	2006	2011	2021
Based Aircraft	13	14	14	16
Operations	9,500	10,143	11,008	12,965
Local	7,500	8,007	8,690	10,235
Itinerant	2,000	2,135	2,317	2,729
Enplanements	N/A	N/A	N/A	N/A
Demand/Capacity Ratio	8%	9%	10%	12%

AIRPORT FACILITY AND SERVICE NEEDS

Cochran Airport has been classified a Level I airport and should provide appropriate facilities and services that are commensurate with its system role. As noted above, the airport's existing runway is less than 4,000 feet long. The minimum runway length objective for a Level I airport is 4,000 feet. Information from this airport indicates that in its current orientation, the existing runway at this airport cannot be extended to meet the 4,000-foot length objective. Therefore, a new/replacement runway has been identified as a need for this airport. Airport improvements identified in the System Plan include:

- Construct a new 4,000 x 75 foot primary runway
- Install PAPI
- Install MIRL on new runway
- Install MITL
- Install Non-precision approach for new runway
- Construct turnarounds on new runway
- Phase III: 1 additional hangar space is needed
- Phase I: 1 additional apron parking space is needed; Phase III: 1 additional apron parking space is needed
- Phase I: 14 additional auto parking spaces are needed; Phase III: 3 additional auto parking spaces are needed
- Provide 750 square foot terminal/administrative building
- 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 Cochran Airport to meet these objectives.

FACILITY AND SERVICE OBJECTIVES Level I
Cochran – Cochran Airport – 48A

	EXISTING	SYSTEM OBJECTIVE	RECOMMENDED
Airside Facilities			
Runway Length (Rwy 05/23)	3,202	4,000 feet	New 4,000
Runway Width	50	75 feet	75 wide
Taxiway Length	Stub turnarounds	Turnarounds	Turnarounds
Approach	Non-Precision	Non-Precision	Non-precision (for new runway)
Lighting- Runway	MIRL	MIRL	Install MIRL on new runway
Lighting- Taxiway	None	MITL	MITL
NAVAIDS	Rotating Beacon	Rotating Beacon	None
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	Public Telephone	Public Telephone or GCO	None
General Aviation Landside Facilities			
Hangared Aircraft Storage	8 spaces	60% of based fleet	Phase III: 1 add'l space needed
Apron Parking/Storage	6 spaces	40% of based aircraft plus additional 25% for transient aircraft	Phase I: 1 add'l space needed Phase III: 1 add'l space needed
Terminal/Administrative	No terminal building	750 square feet minimum with amenities	Provide a 750 square foot terminal
Auto Parking	4 spaces	One Space for each based aircraft, plus 25% for visitors/employees	Phase I: 14 add'l spaces needed Phase III: 3 add'l spaces needed
Services			
FBO	None	Limited Service	Provide Limited Service
Fuel	None	AvGas	Provide AvGas
Fuel	None	Jet Fuel	None

OTHER RECOMMENDATIONS

Additional actions or projects required for the Cochran Airport to meet Level I performance objectives are as follows:

- Update the Master Plan/ALP in Phase III (2017)

