



INVENTORY AND FORECASTS

Winter Haven Regional Airport (GIF) Master Plan
Airport Advisory Committee Meeting

March 26, 2026



Agenda

Introduction

Overview of Winter Haven Regional Airport

Aviation Activity Forecasts

Next Steps

Q&A

Winter Haven Regional Airport (GIF)

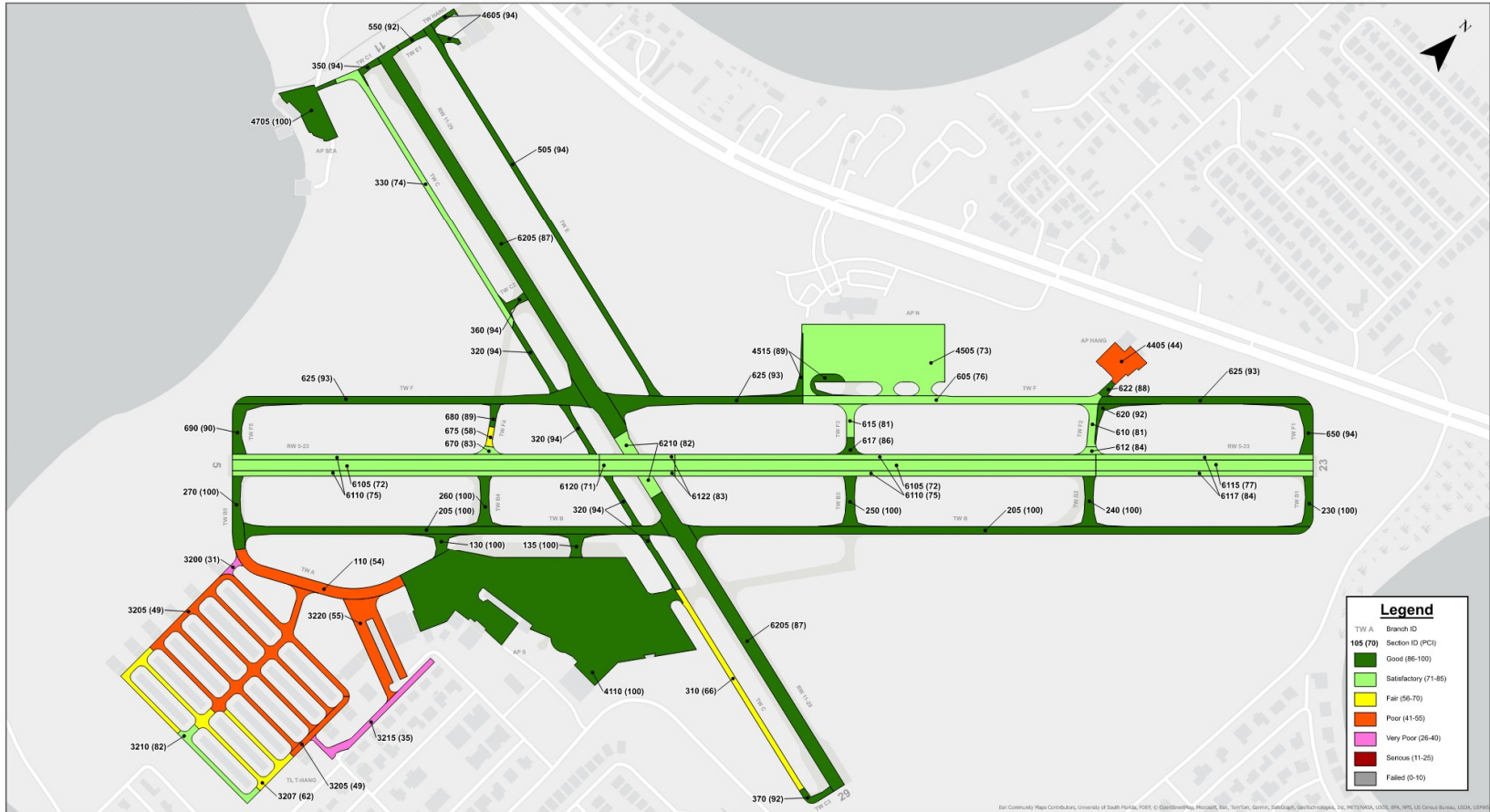
EXISTING FACILITIES

- FAA general aviation regional airport
- Two runways
 - 5/23: 5,005 x 100'
 - 11/29: 4,001 x 60'
- Instrument approach to runways 5 and 11
- Dual parallel taxiways on Runway 5/23
- Partial parallel taxiway on Runway 11/29
- Both runways needed for 95% wind coverage
- Good pavement strength and condition on runways and most taxiways
- Airfield is fully fenced
- Jack's Seaplane Base is adjacent to GIF



AIRFIELD PAVEMENT EVALUATION REPORT

PCI Network Results



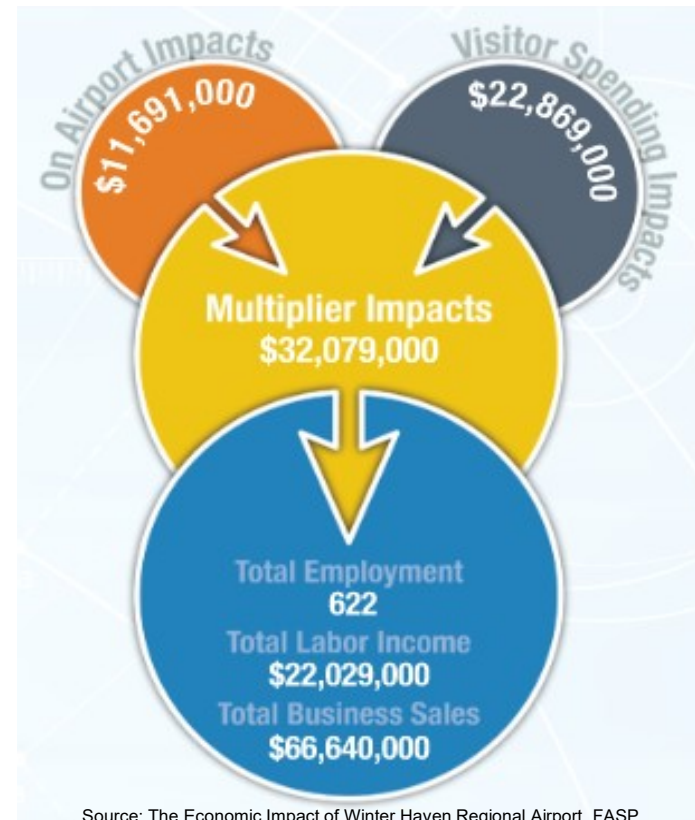
*This drawing is for pavement management purposes only. Drawing not to scale.

Our Community Maps Contributors, University of South Florida, FDOT's © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, Swatchday, GeoTechnologies, Inc, METRODATA, LOGS, ENR, WPS, US Census Bureau, LOGS, CONRAD

Winter Haven Regional Airport (GIF)

MORE THAN 140 TENANTS

- North terminal area
 - terminal: FBO, restaurant, rental car
 - flight schools
 - 3 box hangars
 - 44- and 7-acre developable areas with utilities
- East development area: 46 acres with utilities
- South development area
 - 135 T-hangars and 32 box hangars
 - Building 10 (hangar and offices)
 - Florida Health Services medivac
 - multiple aviation businesses
 - Central Florida Aviation Academy
 - police training facilities



Source: The Economic Impact of Winter Haven Regional Airport, FASP 2035, <https://www.fdot.gov/aviation/FASP2035>, accessed October 2025.

Aviation Forecasts

- Annual operations
- Based aircraft
 - Fleet mix



- Categories of operations
 - Local vs. itinerant
 - Instrument activity
 - Peaking characteristics
 - Operational fleet mix
- Critical aircraft

Resources for Forecasting Approach

Previous Studies

- 2016 airport master plan
- Florida Aviation System Plan 2043
- 2025 FAA terminal area forecast
- 2025 FAA aerospace forecast
- 2022 FDOT economic impact study

Data Sources

- Virtower (airport operations tracking system)
- FAA National Based Aircraft Inventory Program
- Industry reports
- Woods & Poole Economics (local socioeconomic data with projections)
- Airport tenant interviews (including flight schools)

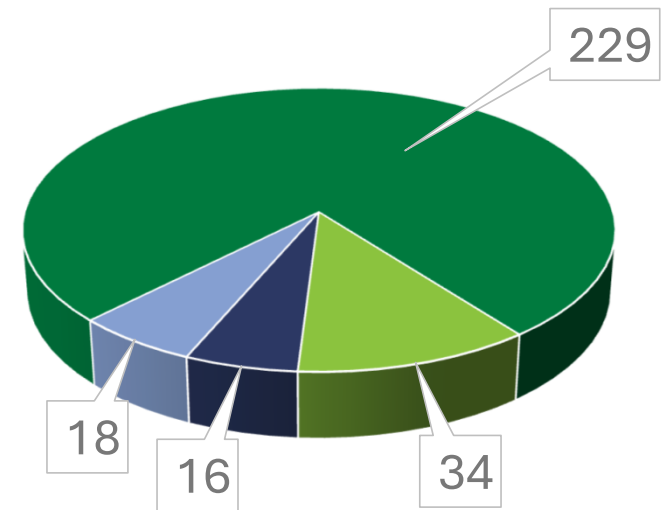
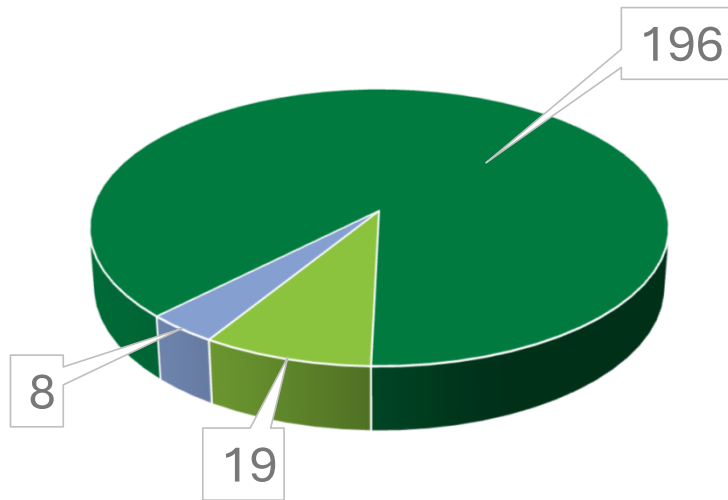
Selected Annual Operations Forecast

	Base Year (2025)	5-year (2030)	10-year (2035)	20-year (2045)
Total Operations	86,119	95,100	105,000	124,300
Local	16,965	23,800	31,500	43,500
Itinerant	69,154	71,300	73,500	80,800
Single-engine	77,009	83,300	88,700	95,700
Multiengine	8,508	9,200	10,500	13,700
Jet	289	1,200	2,600	6,200
Rotorcraft	313	1,400	3,200	8,700

Based Aircraft Fleet Mix

Current (2025): 223 aircraft

Forecast (2045): 297 aircraft



■ Single-Engine ■ Multiengine ■ Jet ■ Rotorcraft

Runway 5/23 Critical Aircraft

Existing: Cessna Citation Jet
B-I Small Aircraft



Future: Dassault Falcon 900
B-II



Runway 11/29 Critical Aircraft

Existing and future:

Beechcraft King Air B100

B-I Small Aircraft



Next Steps

- Comments on working papers 1 & 2 by **April 10, 2026**
- Submit aviation forecast to FAA/FDOT by April 17, 2026
- Agency forecast review scheduled for up to 3 months
- Facility requirements: 2 months after FAA forecast approval
- Aerial mapping processing ongoing
- Environmental considerations: 3 months after FAA forecast approval
- Alternatives analysis: 5 months after FAA forecast approval





GILBERT FIELD
Winter Haven
Regional Airport

Questions?