

FALL GAA

October 9, 2025

FAI Pilot Outreach Team

FAI ATCT: Corey Shaw

FAI Manager: TBD

Contact Info

Office: 907-474-0050

Tower: 907-474-0052

Email: faipilotoutreach@gmail.com

*calls are recorded

Discussion Points

- ▣ Staffing
- ▣ MVA's
- ▣ Q & A

Staffing

- ▣ CPCs
 - 18 of 26
 - 2 retire
 - 1 becoming SUPE
 - 15 of 26 by end 2026
- ▣ DEVs
 - 2 training on tower
 - No inbound
- ▣ SUPERVISOR
 - 1 of 4
 - 1 controller becoming SUPE
 - No inbound
- ▣ MANAGER
 - TBD

Minimum Vectoring Altitudes (MVA)

- ▣ Definition- The lowest altitude at which an IFR aircraft will be vectored by a radar controller, except as otherwise authorized for radar approaches, departures, and missed approaches. The altitude meets IFR obstacle clearance criteria. It may be lower than the MEA along an airway or J-route segment. It may be utilized for radar vectoring only upon the controller's determination that an adequate radar return is being received from the aircraft being controlled. Charts depicting MVAs are normally available only to the controllers and not to pilots.
- ▣ AIM/7110.65 P/C Glossary

VECTORIZING

▣ Application

- Vector Aircraft at or above the MVA or the minimum IFR altitude except as authorized for radar approaches, radar departures, SVFR, VFR ops, or by paragraph 5-6-3, Vectors Below Minimum Altitude.

**NOTE-*

VFR aircraft not at an altitude assigned by ATC may be vectored at any altitude. It is the responsibility of the pilot to comply with the applicable parts of CFR Title 14.

Ref. JO 7110.65 5-6-1 c.

Vectors Below Minimum Altitude

- ▣ TERMINAL. When vectoring a departing IFR aircraft, or one executing a missed approach, before it reaches the minimum altitude for IFR ops if separation from prominent obstacles shown on the radar scope is applied in accordance with one of the following:
 - Flight path is 3 miles or more from obstacle and climbing to an altitude at least 1000' above. Vector to maintain 3 miles until above obstacle.
 - ▣ 2 towers north of FAI, hence initial heading of 050 for IFR Deps of the 2's, however once above the towers, we can turn you back left up to heading 020.
 - Towers are 1300 & 1800'

Continued...

- After reaching the first MVA sector, all other MVA sectors encountered must be met.
- At locations with diverse vector areas (DVA), radar facilities may vector below MVA per facility guidelines.
 - FAI has a DVA, and facility guidelines stipulate:
 - Departing 2's
 - Heading 050 right up to 200
 - Departing 20's
 - Heading 200 left up to 030

JO 7110.65 5-6-3

TRSA

- ▣ Altitude information contained in a clearance, instruction, or advisory to VFR aircraft **MUST** meet MVA, MSA or minimum IFR altitude criteria.

Practice Approaches

- ▣ If an altitude is assigned, including at or above/below altitudes, the altitude specified must meet MVA, MSA, or minimum IFR altitude criteria.
- ▣ All VFR aircraft must be instructed to maintain VFR on initial contact or as soon as possible thereafter.
 - *NOTE- This advisory is intended to remind the pilot that even though ATC is providing IFR-type instructions, the pilot is responsible for compliance with the applicable parts of the CFR governing VFR flight.*

FAI MVA Map



QUESTIONS?

FAI ATCT: Corey Shaw

FAI Manager: TBD

Contact Info:

Office: 907-474-0050

Call for a tour!

Tower: 907-474-0052

Email: faipilotoutreach@gmail.com

*calls are recorded