

MACON COUNTY AIRPORT

1A5

Elevation 2,034'

Franklin, NC

[Airport Website](#)

Airport Overview

Macon County Airport (FAA LID: 1A5) is a public use airport in Macon County, North Carolina, United States. Owned by the Macon County Airport Authority, it is located three nautical miles (6 km) northwest of central business district of Franklin, North Carolina, in the Iotla Valley of the Great Smoky Mountains. This airport is included in the National Plan of Integrated Airport Systems for 2017–2021, which categorized it as a general aviation facility

Macon County Airport covers an area of 110 acres (45 ha) at an elevation of 2,034 feet (620 m) above mean sea level. It has one runway designated 7/25 with an asphalt surface measuring 5,000 by 100 feet (1,524 x 30 m). For the 12-month period ending July 27, 2023, the airport had 13,650 aircraft operations, an average of 37 per day: 94% general aviation, 4% air taxi, and 2% military. In July 2023, there were 30 aircraft based at this airport: 24 single-engine, 5 multi-engine, and 1 helicopter.



Longest Runway

RWY 7-25:
 5,000 x 100'

Lowest Published Approach Minimums

RNAV (GPS) - A:
 Circling: 3,620 (1,600) - 1 ¼

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Runway	Surface	Runway Length	Runway Width	LDA	GA/TCH
7	ASPH	5000	100	N/A	3.0°/43'
25	ASPH	5000	100	N/A	3.0°/40'

NOTE: Displaced Threshold 200'

ATC

TOWER:

Yes

No

AF/D Notes of Interest

- Attended 1300–2330Z
- Aflid svc avbl 1300–2330Z, excld holidays
- 100LL and Jet A 24 hr self-service with credit card.
- Rapidly rising terrain all quads.
- Rwy 25 has a 15 ft drop-off 350 ft from thr L and R.
- Cold temperature airport. Altitude correction required at or below –12C.

Terrain/Obstacles

- **Rising terrain and trees all quadrants**

Safety Factors

- Mountainous terrain airport
- Rwy 25 has a 15 ft drop-off 350 ft from thr L and R.
- Circling approach is N/A at Night
- Non-towered airport and airspace lies under Atlanta ARTCC 770-210-7692 (134.8)
- Cold temperature airport. Altitude correction required at or below –12C.

Approach Review

RWY 7	RWY 25
RNAV (GPS)-A Circling	RNAV (GPS)-A Circling


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Reference Documents (Double-Click on icon to retrieve)

(AFD)			
			

Accident/incident History

A search of available databases yielded 4 accidents and 0 incident reports from NOV 2018 to NOV 2024. Of the four accident reports (0) zero were fatal, (1) one involved a business jet, (1) one involved a helicopter and (2) two were piston powered aircraft. A sample report depicted below.

ON MARCH 11, 2021, APPROXIMATELY 1953 EASTERN DAYLIGHT TIME, A CESSNA 421B, N80056, WAS SUBSTANTIALLY DAMAGED WHEN IT WAS INVOLVED IN AN ACCIDENT AT THE MACON COUNTY AIRPORT (1A5), FRANKLIN, NORTH CAROLINA. THE PILOT AND TWO PASSENGERS WERE NOT INJURED. THE AIRPLANE WAS OPERATED UNDER 14 CFR PART 91 PERSONAL/BUSINESS FLIGHT. ACCORDING TO THE PILOT, THIS WAS A PLANNED LOCAL FLIGHT. THE PILOT STATED THAT IT WAS A NORMAL START, TAXI, AND RUN-UP BEFORE TAKEOFF. HE INITIATED THE TAKEOFF ROLL AND CALLED OUT SPEEDS IN 10 KNOT (KTS) INCREMENTS LOOKING FOR A ROTATION SPEED OF 100 KTS. HE SAID THE AIRSPEED REACHED 90 KTS AND THE AIRCRAFT ACCELERATION ?LAGGED? WHILE ONLY REACHING A MAXIMUM SPEED OF AROUND 92 KTS. HE NOTICED THAT THE RUNWAY LENGTH WAS DECREASING AND ELECTED TO ABORT THE TAKEOFF. HE PULLED BOTH THROTTLES TO IDLE AND INITIATED MAXIMUM BRAKING. EXAMINATION OF THE RUNWAY, REVEALED TIRE SKID MARKS BEGINNING AROUND 1,200 FT. FROM THE RUNWAY END AND CONTINUED OFF INTO THE GRASS. THE AIRPLANE CONTINUED DOWN A SLOPE, AND THROUGH A FENCE BEFORE COMING TO REST. ALL OF THE OCCUPANTS EXITED THE AIRPLANE SAFELY AND A POST-CRASH FIRE ENSUED. THE AIRPLANE SUSTAINED FIRE AND STRUCTURAL DAMAGE TO THE FUSELAGE. AIRCRAFT HAD APPROXIMATELY 25 HOURS SINCE LAST MAJOR MAINTENANCE. DUE TO THE CONDITION OF AIRCRAFT AND INSTRUMENTS AFTER THE POST-CRASH FIRE, EXAMINATION OF THE BRAKING AND AIRSPEED INDICATING SYSTEMS WERE INCONCLUSIVE AS A FACTOR. NO OTHER ACTIONS AT PRESENT. ALL SAS ACTIVITIES LINKED TO TASK ID # T-EA68-FY21-0901

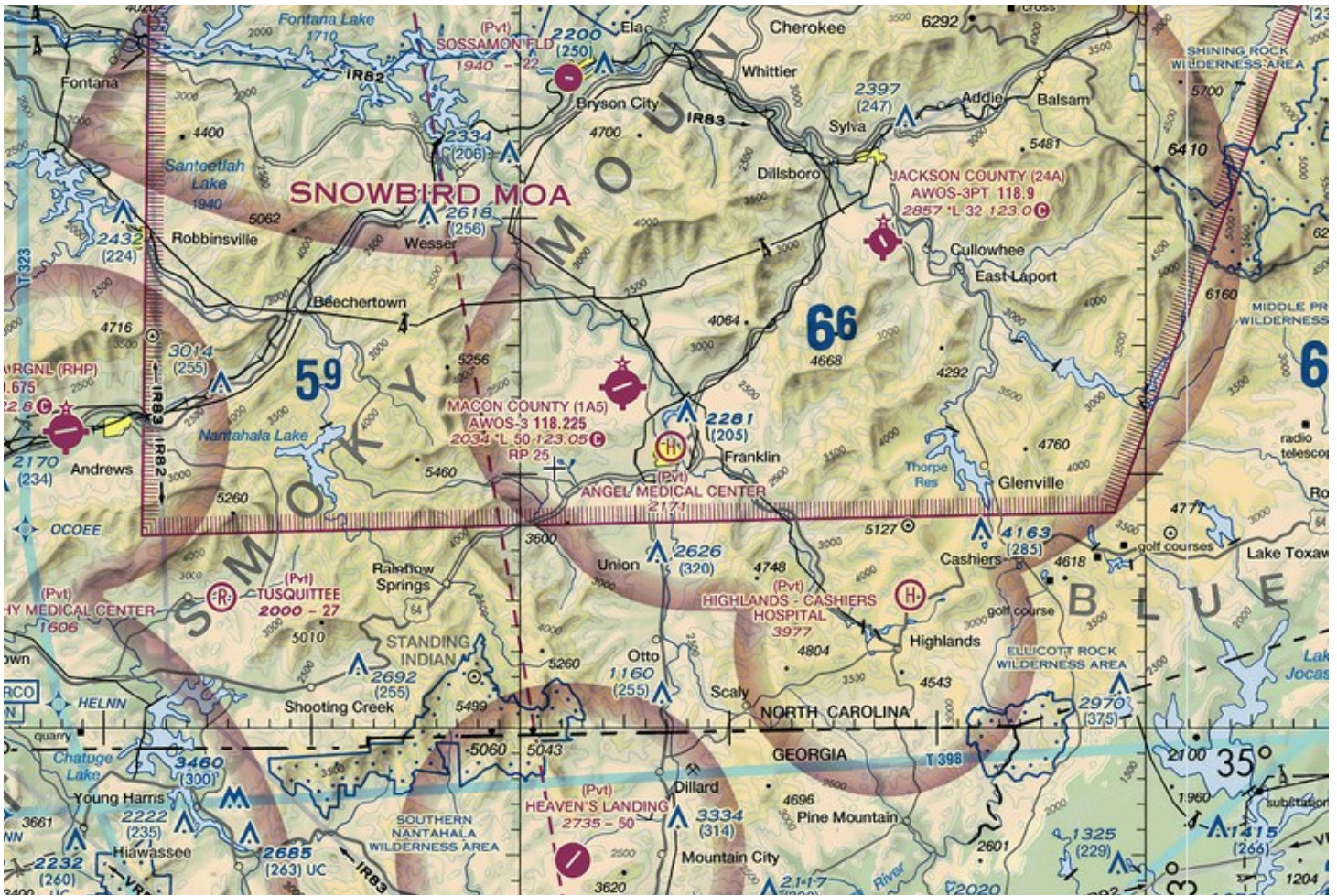
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Risk Analysis

Hazard	(Optional) Mitigations—Please fill in your own company mitigations
Mountainous Airport	
Cold Temperature Airport	
Non-Towered Airport	
Rapidly rising terrain all quads	
Rwy 25 has a 15 ft drop-off 350 ft from thr L and R.	