

Preflight Risk Brief

Austin, TX

2026-07-20 at 10:00 (America/Chicago) • Generated 07/16/26 02:59 PM UTC • PIC: Sample Generator

RISK LEVEL

MED

Action needed

WEATHER

VFR

3 kt wind

AIRSPACE

C

LAANC needed

ALTITUDE

200

ft AGL max

FINDINGS

4

2 action(s)

ACTION REQUIRED

1 item(s) need your attention before this flight.

Mission Details

Location	Austin, TX (30.2672, -97.7431)
Date & Time	2026-07-20 at 10:00 local (60 minutes)
Operation	Roof Inspection
Maximum Altitude	200 ft above ground level
Crew Configuration	Solo

Airspace

Airspace Class	C — You need LAANC authorization
Nearest Airport	04TA — CAPITOL NTL BANK BUILDING (0.3 nautical miles away)

Weather Conditions

WIND	VISIBILITY	CATEGORY	TEMPERATURE
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3 kt from 160°	9 SM Check ceiling	VFR Good	24.4°C Dew 24.4°C
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Weather Minimums Check

Visibility (minimum 3 SM)	9 SM	PASS
Cloud clearance (minimum 500 ft below clouds)	Clear ft	PASS
Wind within aircraft limits (max 25 kt)	3 kt	PASS

METAR KATT 161451Z AUTO 16003KT 9SM FEW015 24/24 A3011 RMK A01 SLP183 P0001 60051 T02440244 51015

Items Requiring Your Attention

Controlled Airspace

Class C airspace. LAANC authorization required.
What you need to do: Obtain airspace authorization via FAA-approved USS.
Regulation: 14 CFR § 107.41

Night/Civil-Twilight Operation

This operation falls during civil twilight or night per 14 CFR § 107.29. Requirements: (1) Anti-collision lighting visible for 3 SM must be operational, (2) Lighting must be in working condition before each flight, (3) RPIC may reduce lighting intensity if it creates a safety hazard. Ensure all crew are briefed on night-specific hazards and procedures.
Regulation: 14 CFR § 107.29

Point Location — 50m Default Radius Applied

No flight area polygon was drawn. A default 50-meter radius around the selected point is assumed for airspace and NOTAM queries. For more precise analysis, draw a polygon defining your actual flight area in Step 1.

NOTAM/TFR Data Currently Unavailable

The FAA NOTAM and TFR data feeds are currently unavailable. You MUST check NOTAMs manually before flight using 1800wxbrief.com or the FAA NOTAM Search tool. This is a regulatory requirement per 14 CFR § 91.103.
What you need to do: Check NOTAMs at 1800wxbrief.com or via Lockheed Martin Flight Service before flight.
Regulation: 14 CFR § 91.103 (Preflight action)

Pre-Flight Checklist

MUST Obtain LAANC authorization via FAA-approved USS before flight

MUST Check NOTAMs manually at 1800wxbrief.com — automated feed unavailable

Day-of-Flight Verification

- ☐ Weather conditions verified within 1 hour of flight
- ☐ NOTAMs checked at **1800wxbrief.com**
- ☐ Aircraft pre-flight inspection complete
- ☐ Batteries charged and voltage checked
- ☐ Remote ID broadcasting confirmed
- ☐ LAANC authorization obtained and active
- ☐ Visual observers briefed (if applicable)
- ☐ Emergency procedures reviewed with crew
- ☐ Go/No-Go decision confirmed by PIC

Important: This document is decision-support only. Not legal advice. Not an FAA authorization. The Remote Pilot in Command is solely responsible for the go/no-go decision. Verify all conditions on the day of flight.

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This document is for the Pilot in Command. Verify all conditions before flight.