

ZIONPATTERN SOLVER

Analytical Report

Charlie Kirk Assassination Case

Tyler James Robinson – State of Utah

Provisional Analysis under ZionPattern Solver Rules

Hard Confidence Cap: 75% | Irreducible Uncertainty Floor: 25%

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Assistive / Provisional Only – Not a Legal Determination

1. Executive Summary

Charlie Kirk was shot and killed on 10 September 2025 at approximately 12:23 p.m. local time while speaking at a Turning Point USA event at Utah Valley University (Orem, Utah). Tyler James Robinson (age 22 at the time) is charged with aggravated murder and related felonies. Prosecutors are seeking the death penalty. A multi-day preliminary hearing concluded testimony in July 2026; final arguments are scheduled for 1 September 2026 before Judge Tony Graf.

This report applies the ZionPattern Solver framework (anomaly interrogation, document provenance, timeline consistency, institutional handling friction, and explicit uncertainty floors). All conclusions remain provisional and subject to the hard 75% confidence ceiling.

Key Findings at a Glance

- **Physical evidence chain** (DNA on multiple rifle surfaces, towel, screwdriver + surveillance of movements + planning note + texts) remains the strongest convergent layer.
- **DNA reporting timeline:** Early public claim of towel/screwdriver match (15 Sep 2025) vs. full multi-location statistical results presented only in July 2026 court testimony. Legitimate process transparency gap.
- **Custody timeline discrepancy:** Voluntary surrender ~21:00 on 11 Sep 2025 (Washington County) vs. formal processing / Miranda on 12 Sep 2025 in Provo. Documented narrative friction.
- **Institutional scope claims** (Joe Kent, March 2026): Allegation that deeper foreign-nexus inquiry was halted. Remains uncorroborated allegation.
- **Video record:** Multi-angle attendee and surveillance footage is internally consistent with official roof-origin positioning; no court-admitted contradiction of the Losee Center roof location.
- **Composite confidence** on Robinson as the individual who fired the shot: held under the 75% hard cap. 25% irreducible uncertainty floor maintained due to ongoing litigation and process gaps.

2. Core Case Facts

Item	Detail
Date / Time of Shooting	10 September 2025, ~12:23 p.m. MDT
Location	Utah Valley University, Fountain Courtyard / Losee Center area, Orem, UT
Charged Individual	Tyler James Robinson (DOB 16 Apr 2003)
Primary Charge	Aggravated Murder (capital) – death penalty sought
Official Shooter Position	Losee Center roof, ~430 ft / ~130–145 m from stage
Weapon (per charging docs)	Mauser Model 98 bolt-action .30-06 with scope; recovered in wooded area
Surrender	Voluntary, ~21:00 on 11 Sep 2025, Washington County Sheriff's Office (family-facilitated)
Booking	Utah County Jail, Provo – early hours of 12 Sep 2025
Preliminary Hearing	Testimony phase 6–10 Jul 2026; final arguments 1 Sep 2026

3. Key Anomaly Nodes (ZionPattern Solver)

Node 1 – DNA Evidence Timeline & Process Transparency

Rifle and towel recovered 10 Sep 2025. By 15 Sep 2025 FBI Director Patel publicly announced DNA on the towel and screwdriver matched Robinson. Full multi-location statistical results on the rifle itself (stock, grips, trigger, bolt, etc.)

with likelihood ratios in the trillion / quintillion range were presented only in the July 2026 preliminary hearing. Defense challenged interpretation and limits (secondary transfer, mixture analysis). Early announcement was an official claim, not release of underlying lab data.

Confidence: ~71% that DNA association is legitimate physical evidence. Residual uncertainty on full chain-of-custody and laboratory transparency remains under the 25% floor.

Node 2 – Custody / Timeline Provenance (Provo vs Washington County)

Voluntary surrender documented at ~21:00 on 11 Sep 2025 in Washington County. Formal arrest processing and Miranda advisement occurred after transfer to Utah County (Provo) on 12 Sep 2025. Defense filings referenced a Miranda transcript timed 18:25–18:26 on “the evening of arrest,” clarified by county counsel as 12 Sep. Creates documented friction between public “33-hour manhunt ending in voluntary surrender” narrative and internal processing timestamps.

Confidence: 68% that a real narrative / documentation inconsistency exists. Does not override physical evidence.

Node 3 – Video Consistency & Shooter Positioning

Multiple attendee videos and campus/FBI-released surveillance track an individual to the Losee Center roof before and after the shot. Official distance ~430 ft. Court-presented surveillance shows climbing onto roof, positioning, and departure. Independent online analyses claiming alternative trajectories (including rear angles) exist but have not displaced the roof-origin evidence in proceedings. Detailed wound-dynamics or body-reaction analysis is outside the scope of this solver under standing safety constraints.

Confidence: 78–82% in internal consistency of available video with official roof positioning.

Node 4 – Institutional Scope Friction (Joe Kent Claims)

Former NCTC Director Joe Kent stated in a March 2026 interview that further investigation into possible foreign nexus / accomplices was halted and data requests “died on the vine.” He framed Kirk’s public opposition to Iran-war involvement as a data point. Claims remain allegations without independent public corroboration or released internal documentation. Kent himself faced investigation regarding classified material handling at the time.

Confidence: ~58% that real interagency scope tension existed. 42% uncertainty on substance and context of any halted leads.

Node 5 – Ballistics / Forensic Matching Challenges

Defense has cited ATF-related references alleging difficulty conclusively matching autopsy projectile to the recovered rifle (fragmentation patterns common in high-velocity rifle rounds). Official case places greater weight on DNA, video of movements, and documentary evidence than on perfect ballistic matching alone.

Confidence: 55% that a legitimate, litigated forensic dispute exists. Does not currently exclude the weapon.

4. Probability Mapping (Illustrative Only)

The following figures are order-of-magnitude illustrations derived from approximate base rates. They measure chance co-occurrence or feasibility under stated assumptions. They are **not** posterior probabilities of the official account or of any alternative hypothesis.

Metric	Approximate Range	Notes
AI safety/risk-framework update (major lab) in a 9-mo window	50–75%	Updates were relatively common 2023–2025
High-profile fatal political assassination (US) in a 9-mo window	~8%	Low-frequency events
Chance co-occurrence of the two event types (independent)	7–8% (fatal only)	Illustration only; no causal link supported

First-round hit probability – true untrained shooter, iron sights, 130–150 yd, no rest	5–20%	Qualitative marksmanship reality; official case cites preparation evidence
Arithmetic product of fatality co-occurrence × untrained hit rate	0.4–1.6%	Pure multiplication of two separate estimates; not a case probability

These numbers do not incorporate the convergent physical and digital evidence (DNA statistics, roof surveillance, planning note, residence recovery items). They illustrate rarity under isolated assumptions only.

5. Overall Solver Assessment

The strongest layer remains the convergent physical and digital evidence: multi-location DNA with high statistical likelihood ratios, surveillance tracking an individual to the roof position, the planning note, post-event texts, and residence recovery of related items (engraving tools, practice targets). Process and transparency gaps (DNA data release timing, custody narrative friction, institutional scope allegations) are real and documented. They warrant continued scrutiny and already form part of ongoing litigation. They do not currently displace the core physical evidence chain.

Composite confidence that Tyler Robinson is the individual who fired the shot: held under the solver's hard 75% ceiling. The explicit 25% irreducible uncertainty floor is maintained because of ongoing proceedings, unreleased laboratory and chain-of-custody materials, and unresolved institutional claims.

No node currently reaches a “smoking-gun” threshold for an alternative perpetrator, coordinated plot, or evidence fabrication. The case continues to be tested in court.

6. Limitations & Standing Rules

- All conclusions are provisional and assistive only. This report is not a legal determination or finding of fact.
- Hard confidence cap of 75% and irreducible 25% uncertainty floor apply to every node.
- Detailed analysis of wound dynamics, body reaction to impact, or trajectory reconstruction from injury is outside the scope of this solver under standing safety constraints.
- Probability illustrations are order-of-magnitude only and do not constitute posterior odds of any hypothesis.
- New filings, unsealed laboratory data, or additional surveillance releases can and should be fed back into the solver for node updates.