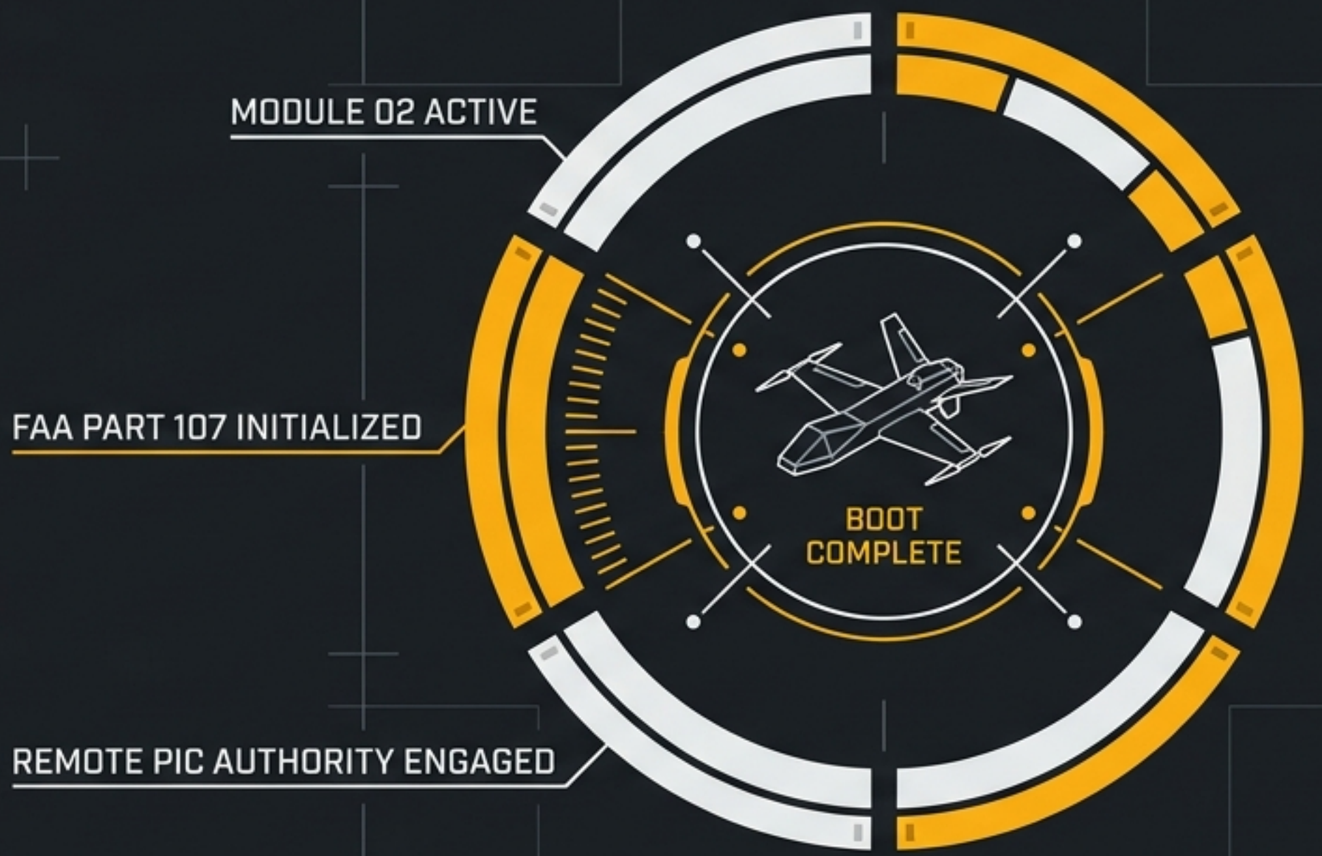
COMMAND & CONTROL

SYSTEM BOOT



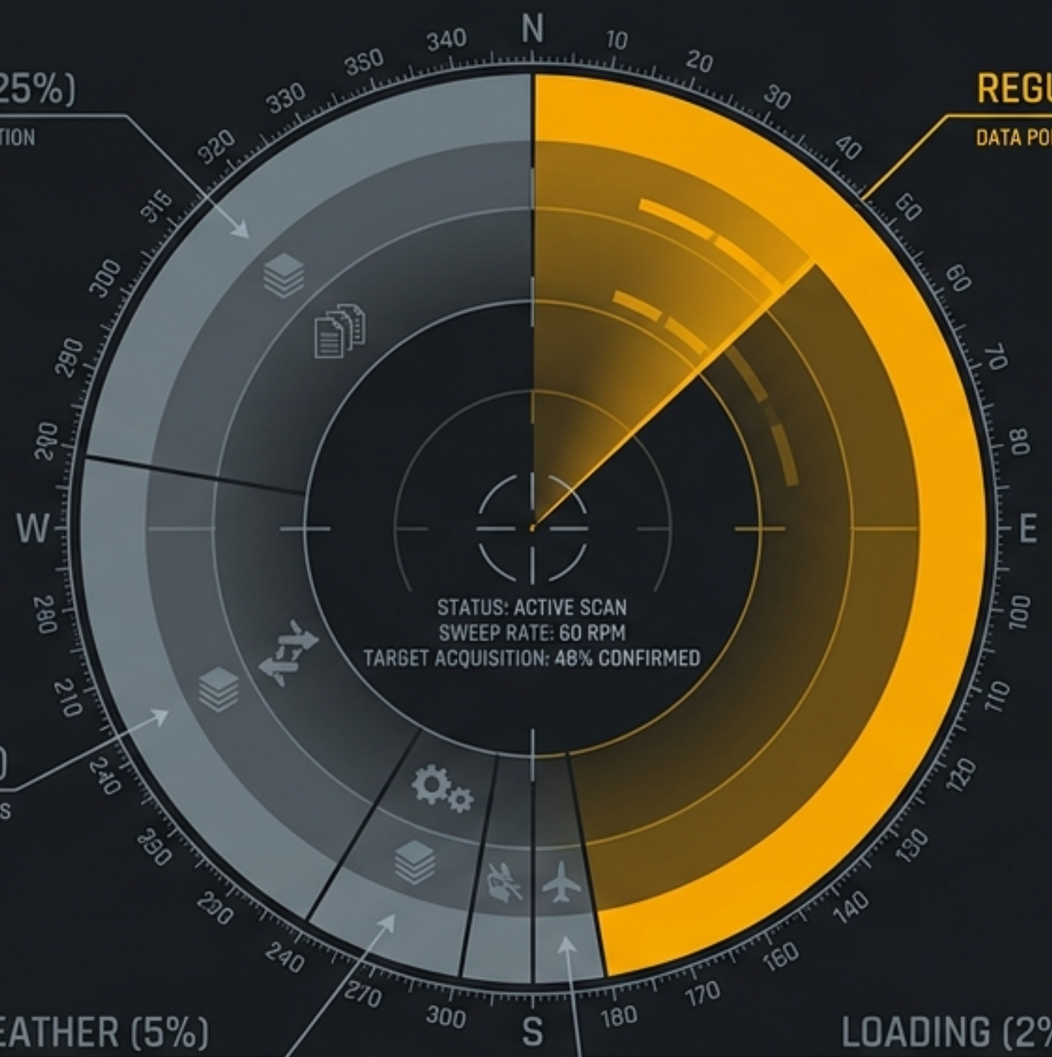
UAG KNOWLEDGE TEST TARGETS

- PASSING THRESHOLD: 70%
- MASTERY GATE: 80% MINIMUM
- STANDARD: DAKDAN ACADEMY

⚠ MISSION CRITICAL INTERLOCK:
TIME IS COMPRESSED. STANDARDS ARE NOT.

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THE 48% PAYLOAD



INTELLIGENCE BRIEF

EXAM PARAMETERS

60 MULTIPLE-CHOICE QUESTIONS (2 HOURS)

FORMAT: STANDARDIZED DIGITAL ASSESSMENT

APPLICATION LAB

25-MISSION LEGALITY LAB INTEGRATED

SIMULATION: FEDERAL AVIATION SCENARIOS

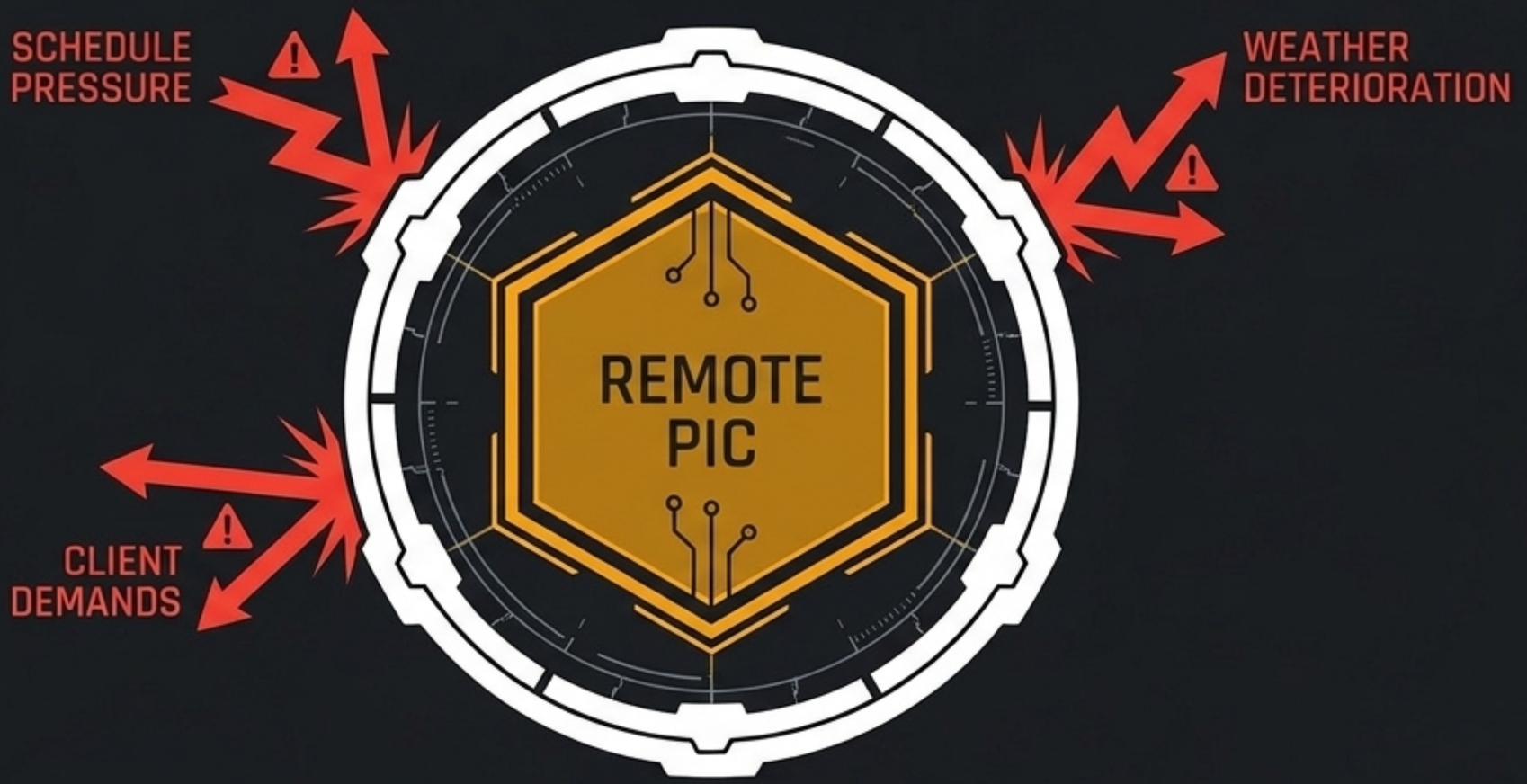
MASTERY ASSESSMENT

75-QUESTION MODULE CHECK

THRESHOLD: 85% PASS RATE REQUIRED

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THE AUTHORITY NODE



STATUS: CRITICAL OVERRIDE

BAMS MODE: RVIS S7

⚠ SYSTEM ALERT ⚠

SCENARIO REG-001: Client requests mission continuation after conditions become unsafe.
PIC OVERRIDE ACTION: Terminate or modify the operation immediately.
RATIONALE: The Remote PIC is the final authority and bears ultimate responsibility for safe operation.

TIME: 00:00:00

REGULATION: CFR Part 107.19

TAI | TACTIC

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THE CREW MATRIX

	REMOTE PIC	PERSON MANIPULATING CONTROLS	VISUAL OBSERVER (VO)
MUST HOLD PART 107?	YES	NO (Under direct supervision)	NO
ULTIMATE MISSION AUTHORITY?	YES	NO	NO
REQUIRED TO MAINTAIN VLOS?	YES	NO (If PIC or VO maintains it)	YES
PRIMARY ROLE	Command & Safety	Flight Execution	Airspace Scanning

SYSTEM NOTE: Direct Supervision requires the ability to immediately take over flight controls.

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THE VLOS TETHER

TAI

INTEGRITY MAINTAINED BY:
Unaided vision (contacts/glasses permitted).
Must determine location, attitude, altitude, direction, and airspace.



REMOTE PIC / VO

THE VISUAL TETHER



AIRCRAFT



WEATHER OBSCURATION



PHYSICAL OBSTACLES



BINOCULARS / CAMERA FEEDS

SAFETY INTERLOCK

VO SUPPORT PROTOCOL:
A Visual Observer can extend situational awareness, but the PIC must never fully delegate the responsibility of the visual tether.

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TAI | TACTICAL AVIONICS INTERFACE

IMPAIRMENT & RISK GAUGE

SUBSTANCE TOLERANCE



Zero physiological effects of alcohol/drugs permitted.

HUMAN FACTORS DEGRADATION



CRITICAL FAILURE

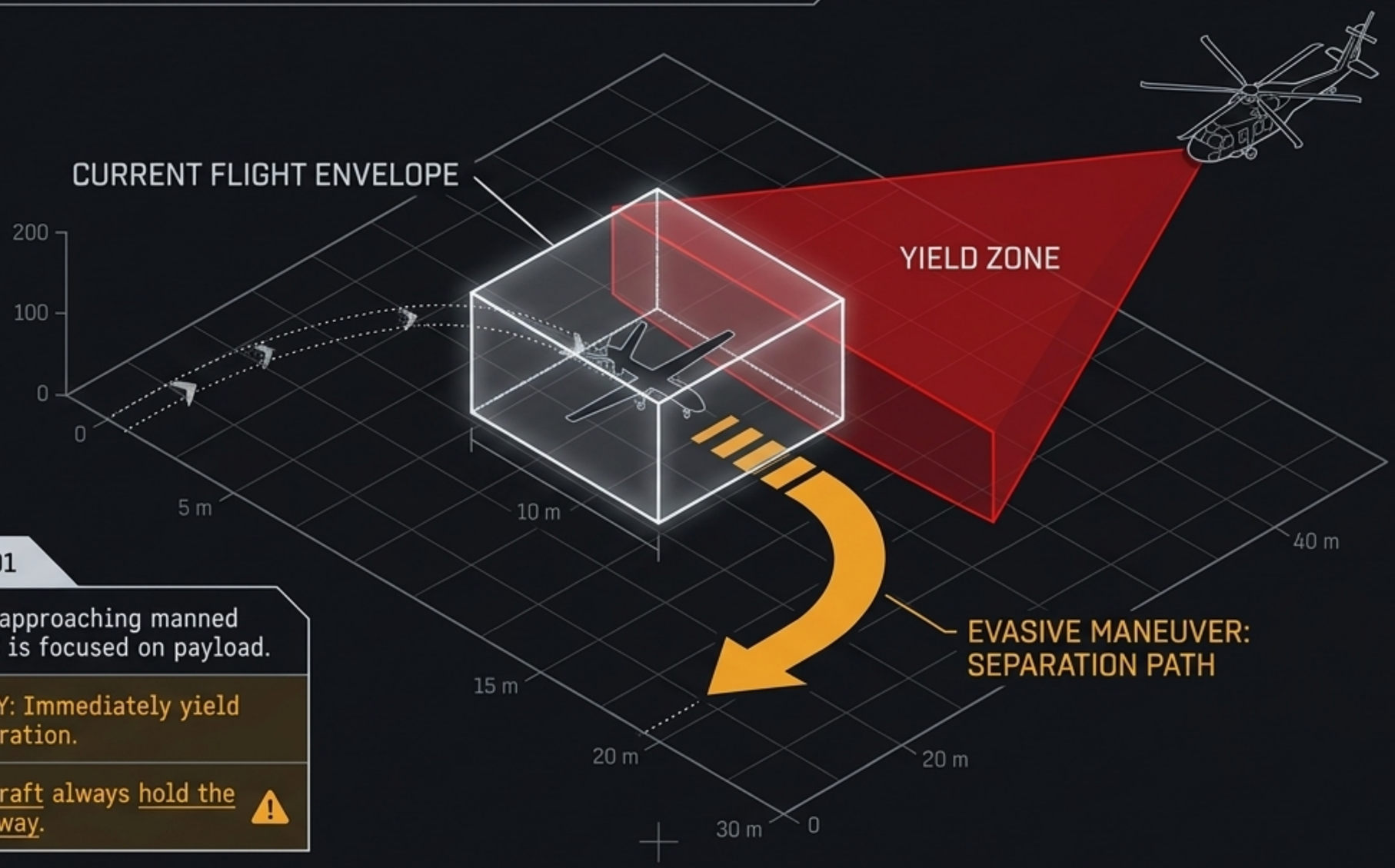
THE RECKLESS ZONE

SYSTEM LOCKOUT

TELEMETRY LOG: Careless and Reckless Operation constitutes an immediate critical safety failure. Normalizing risk leads to automatic mission abort.

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OPERATIONAL ENVELOPE: RIGHT-OF-WAY



SCENARIO CRM-001

INPUT: VO reports approaching manned aircraft while PIC is focused on payload.

OVERRIDE PRIORITY: Immediately yield and maintain separation.

RULE: Manned aircraft always hold the absolute right-of-way. ⚠

SYSTEM: TAI AVIONICS	MODE: FLIGHT INTEGRITY	STATUS: ACTIVE	REGULATION: CFR Part 107.37

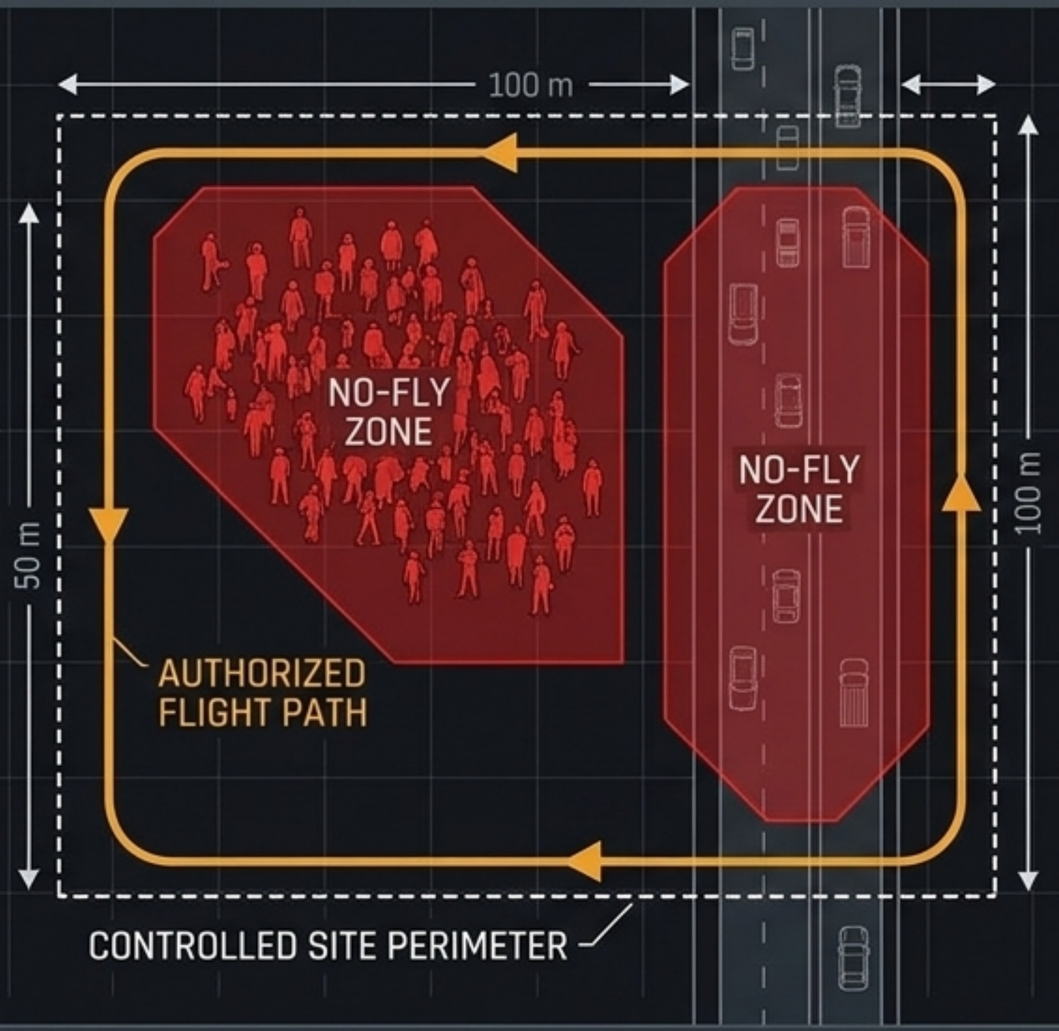
TAI

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TAI | TACTICAL AVIONICS INTERFACE

OPERATIONAL ENVELOPE: HAZARDS & NIGHT OPS

SURFACE HAZARDS



NIGHT OPERATIONS



MANDATORY REQUIREMENT:

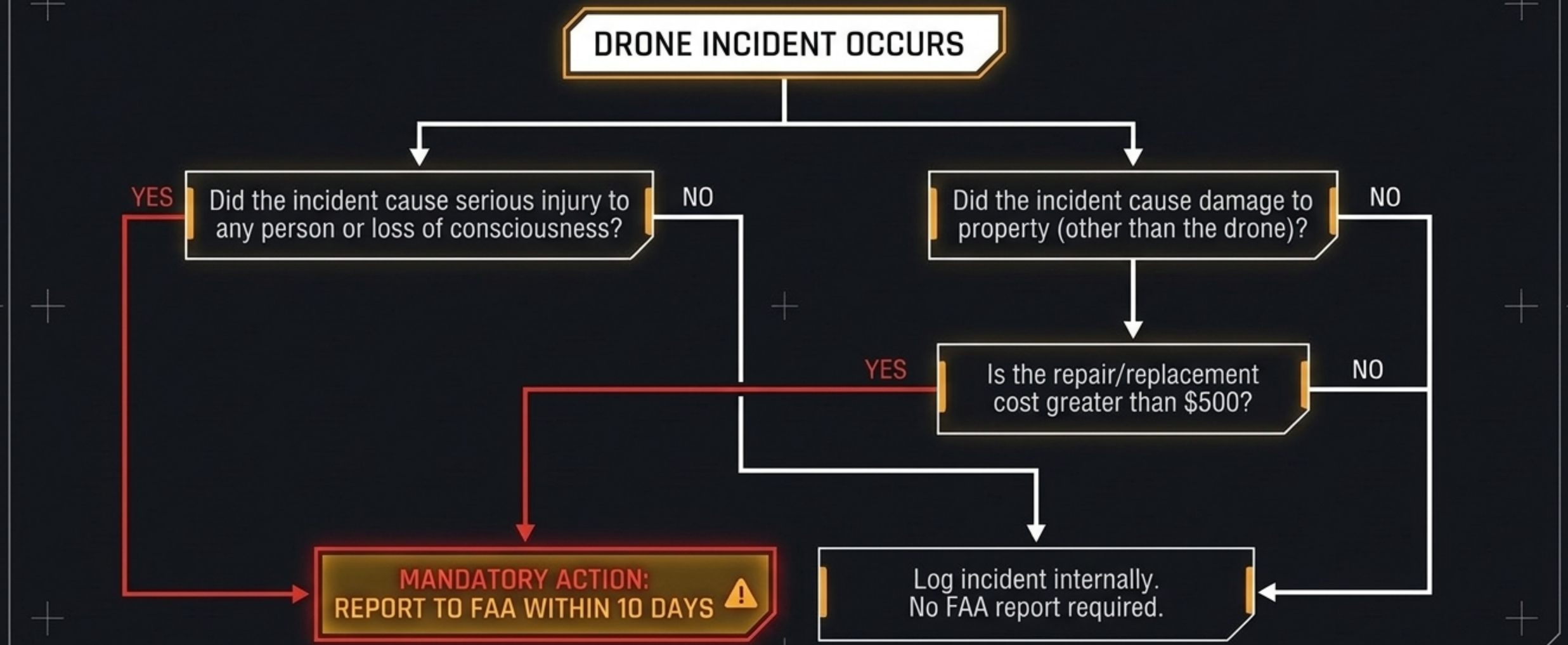
Night operations require functional anti-collision lighting visible for at least 3 statute miles, and thorough daytime site surveying.

LIGHTING STATUS: ACTIVE

SURVEY COMPLETE: DAYTIME

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POST-INCIDENT DECISION TREE



SYSTEM: TAI AVIONICS	MODE: FLIGHT INTEGRITY	STATUS: ACTIVE	REGULATION: CFR Part 107.9

TAI

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TELEMETRY & COMPLIANCE RECORDS

AIRCRAFT IDENTITY



Remote ID (Built-in or broadcast module) is mandatory. Registration is $5 per aircraft. Indoor exempt.

PREFLIGHT PIT CREW

- [x] Structural Integrity
- [x] Battery Health
- [x] Propeller Clearance

Do not launch with a disqualifying defect.

INSPECTION ACCESS



The Remote PIC must make the drone, pilot certificate, and all required records available to the FAA administrator upon request.

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REGULATION SHOWDOWN: GO / NO-GO

SCORING METRICS: ACCURACY 70% | RATIONALE 20% | TIME 10% | ZERO IF UNSAFE

PIC STATUS

Crew rested.
No impairments.
107 current.

[GO]

AIRSPACE

Class G uncontrolled.
No LAANC required.

[GO]

SYSTEM DECISION: ABORT OR DELAY

AIRCRAFT

Remote ID broadcasting.
Firmware updated.

[GO]

VLOS/WEATHER

Fog rolling in.
Visibility dropping below visual tether limits.

[NO-GO]

A single failed interlock compromises the entire mission. Safety is non-negotiable. 85/100 practical minimum required. Zero critical safety failures allowed.

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