Certainly! Based on the provided security case pattern and the domain information about ACAS Xu (Airborne Collision Avoidance System Xu), the instantiated security case will be displayed in hierarchical tree format using dashes to denote different levels.

@Assurance\_case

Goal (G0, ACAS Xu satisfies security requirements)

- Context (C0, Description of ACAS Xu)

- Context (C1, Security requirements are about protecting the system from malicious entities)

- Justification (J0, The argumentation is based on satisfaction of security requirements (SRs))

- Assumption (A0, System security requirements (SRs) are complete, adequate, and consistent)

- Strategy (S0, Argue through asset protection and secure development requirements)

- Goal (G1, ACAS Xu satisfies the asset protection requirements)

- Assumption (A1, Asset inventory is established)

- Strategy (S1, Argue through the different stages of the system development life cycle)

- Goal (G3, Asset protection requirements are met during the architecture design phase)

- Context (C2, Description of ACAS Xu architecture)

- Strategy (S2, Argue through deriving security threats from SRs)

- Justification (J1, Detection and mitigation of threats fulfill SRs)

- Goal (G5, ACAS Xu architecture is protected against identified security threats (STs))

- Assumption (A2, All relevant threats have been identified)

- Strategy (S3, Argue over each security threat)

- Goal (G0.1, ACAS Xu architecture is protected against ST1: Tampering)

- Goal (G0.2, ACAS Xu architecture is protected against ST2: Spoofing)

- Goal (G0.3, ACAS Xu architecture is protected against ST3: Elevation of privileges)

- Goal (G6, ACAS Xu architecture is validated)

- Context (C3, Description of ACAS Xu architecture model)

- Assumption (A3, ACAS Xu architecture model is well defined in the chosen formal method)

- Goal (G4, Asset protection requirements are met during other phases)

- Goal (G2, ACAS Xu satisfies secure development requirements)

@End\_Assurance\_case

This structure follows the provided predicates for the security case pattern, reflecting the specific context and security threats for ACAS Xu. The placeholders were replaced with system-specific information, and undeveloped or yet to be instantiated elements are included as per their decorators.