Below is the instantiation of the provided security case pattern for ACAS Xu (Airborne Collision Avoidance System Xu) presented in a hierarchical tree format:

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- Goal (G0, "ACAS Xu satisfies security requirements")

- Context (C0, "Description of ACAS Xu")

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

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

- Assumption (A0, "System 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 the ACAS Xu architecture")

- Strategy (S2, "Argue through derivating 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") [Uninstantiated and Undeveloped]

- Goal (G0.2, "ACAS Xu architecture is protected against ST2") [Uninstantiated and Undeveloped]

- Goal (G0.3, "ACAS Xu architecture is protected against ST3") [Uninstantiated and Undeveloped]

- 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 a formal method")

- Goal (G4, "Asset protection requirements are met during other phases") [Undeveloped]

- Goal (G2, "ACAS Xu satisfies secure development requirements") [Uninstantiated and Undeveloped]

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