Based on the security case pattern provided and the domain information on ACAS Xu, we will instantiate this to build a structured security case for ACAS Xu. Below, placeholders are filled with appropriate data from ACAS Xu, and the hierarchical representation shows how goals and strategies are structured and supported:

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- Goal G0: ACAS Xu satisfies security requirements

- Context C0: ACAS Xu is a collision avoidance system for UAVs

- Context C1: Security requirements (SR) are about protecting ACAS Xu from malicious entities

- Justification J0: The argumentation is based on satisfaction of SRs

- Assumption A0: ACAS Xu's 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's architecture involving sensors, processors, planners, actuators

- Strategy S2: Argue through deriving security threats from SRs

- Assumption A2: All relevant threats to ACAS Xu have been identified

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

- 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 (undeveloped)

- Context C3: Description of ACAS Xu architecture model as involving components like sensors and processors interacting through message passing

- Assumption A3: ACAS Xu architecture model is well defined in a formal modeling method

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

- Goal G2: ACAS Xu satisfies secure development requirements (undeveloped)

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This structured approach to the security case clearly illustrates how security requirements are systematically broken down and addressed through specific goals, strategies, and context elements. Each goal is supported by a strategy that outlines the approach to fulfilling the goal, and context elements provide relevant information that supports the goals and assumptions. Assumptions are clarified at each stage, ensuring that the system's security posture is comprehensively and coherently built.