To create a security case for ACAS Xu based on the provided security case pattern, we need to instantiate the placeholders with specific information about ACAS Xu while removing the uninstantiated decorators and replacing generic descriptions with specific details relevant to ACAS Xu. Below, I present the instantiated and structured security case using the hierarchical tree format:

```

G0: ACAS Xu satisfies security requirements

C0: ACAS Xu is a collision avoidance system for drones intended to enhance operational safety by preventing collisions.

C1: Security requirements (SR) are essential to protect the system from malicious threats impacting functionality.

J0: The argumentation relies on the fulfillment of specified security requirements (SR1-SR4).

A0: The system security requirements specifications (SRS) are complete, adequately detailed, and consistent.

S0: Argue through asset protection and secure development requirements.

G1: ACAS Xu satisfies the asset protection requirements.

A1: An asset inventory for ACAS Xu has been comprehensively established.

S1: Argue through the different stages of the system development lifecycle.

G3: Asset protection requirements are met during the architecture design phase.

C2: The architecture of ACAS Xu includes components like sensors, processors, planners, and actuators.

S2: Argue through deriving security threats from security requirements (SRs).

G5: ACAS Xu architecture is protected against identified security threats (ST1 - ST3).

A2: All relevant security threats against ACAS Xu have been identified based on the Microsoft STRIDE model.

S3: Argue over each security threat.

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

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

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

G6: ACAS Xu architecture is validated (undeveloped; requires further instantiation and development).

C3: Details about ACAS Xu's architecture model are described using a formal method.

A3: The formal method provides a well-defined model of ACAS Xu's architecture.

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

G2: ACAS Xu satisfies secure development requirements (undeveloped; requires both instantiation and further development).

J1: Detection and mitigation of threats are designed to fulfill all security requirements (SR1-SR4).

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As shown, the security case for ACAS Xu uses a structured approach to demonstrate that each security requirement is met, and specific threats identified during the threat modeling phase are addressed. G4 and G2 remain undeveloped, indicating that these sections of the security case require additional information and development to complete the assurance argument. This instantiation replaces all placeholders with specific system-related data and removes all "uninstantiated" decorators.