To create the assurance security case for ACAS Xu based on the provided security case pattern, here is how the instantiated tree structure would appear using the Goal Structuring Notation (GSN). I will instantiate placeholders with specific information about ACAS Xu and denote the relationships and associations as described. Note that the goals that were marked as undeveloped and uninstantiated in the pattern will have their replacements and instantiations made below:

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

- Context (C0, "ACAS Xu is a collision avoidance system for drones")

- Context (C1, "Security requirements are to protect ACAS Xu from malicious threats")

- Justification (J0, "The argumentation is based on satisfaction of ACAS Xu's security requirements")

- 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 for ACAS Xu is established")

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

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

- Context (C2, "System architecture of ACAS Xu includes sensors, processor, planner, and actuator")

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

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

- Assumption (A2, "All relevant security threats against ACAS Xu have been identified")

- Strategy (S3, "Argue over each security threat")

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

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

- Goal (G0.3, "ACAS Xu architecture is protected against ST3")

- Goal (G6, "ACAS Xu architecture is validated")

- Context (C3, "ACAS Xu uses a formal architectural model")

- Assumption (A3, "ACAS Xu architectural model is well defined in formal methods")

- Goal (G4, "Asset protection requirements for ACAS Xu are met during other phases")

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

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In this instantiation:

- We have removed undeveloped and uninstantiated decorators and instantiated placeholders with system-specific descriptions.

- We have connected strategies and goals according to the Supporting relationships provided.

- Contexts, assumptions, and justifications have been added as per "IncontextOf" relationships.

This tree represents how the assurance security case for ACAS Xu organizes the elements to establish and support its security claims.