To instantiate the security case pattern for ACAS Xu based on the given predicates and domain information, I will first replace placeholders and adjust the pattern to fit the context of ACAS Xu:

@Assurance\_case

- G0: ACAS Xu satisfies security requirements

- C0: ACAS Xu is a collision avoidance system for drones

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

- A0: System Security Requirements (SRs) are complete, adequate, and consistent

- S0: Argue through asset protection and secure development requirements

- G1: ACAS Xu satisfies the asset protection requirements

- A1: Asset inventory is established

- S1: Argue through the different stages of the system development life cycle

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

- C2: ACAS Xu architecture includes components like sensors, processor, planner, and actuators

- S2: Argue through deriving security threats from SRs

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

- A2: All relevant threats have been identified

- 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)

- C3: Description of ACAS Xu architecture model

- A3: ACAS Xu architecture model is well defined in formal methods

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

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

@End\_Assurance\_case

This crafted tree-like hierarchical structure details how the argumentation for the security case of ACAS Xu is methodologically structured around goals, strategies, contexts, assumptions, justifications, and the relationships among them (including "SupportedBy" and "IncontextOf"). The undeveloped parts signify areas that need further elaboration or are marked for future development. The instantiation process involved replacing generic placeholders with specific elements relevant to ACAS Xu and aligning the argumentation with identified threats and security requirements from the domain information.