In the hierarchical tree format presented below, we will instantiate the security case for the Airborne Collision Avoidance System Xu (ACAS Xu) by replacing placeholders `{System}` with `ACAS Xu` and capturing this in the respective descriptions. The structure will use dashes to denote different levels in the hierarchy, and given predicates like `SupportedBy` and `IncontextOf` — adjusted to illustrate the relationships among the elements.

```

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

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

- Context (C1, "Security Requirements (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 architecture")

- Strategy (S2, "Argue through derivating security threats from 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.X, "ACAS Xu architecture is protected against STX") # Uninstantiated

- (Undeveloped)

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

- Context (C3, "Description of ACAS Xu architecture model")

- Assumption (A3, "ACAS Xu architecture model is well defined in formal method") # Uninstantiated

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

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

```

In this representation:

- \*\*Supplementary elements\*\* such as assumptions, justifications, contexts are listed underneath each respective goal or strategy to denote that they provide additional information or provide a basis for the argument described by goals and strategies.

- \*\*Nested goals and strategies\*\* represent the dependency of argument steps. For instance, `Strategy (S1)` directly supports `Goal (G1)`, expanding further into detailed steps and their respective dependencies.

\*\*Undeveloped and uninstantiated elements\*\* indicated in the format illustrate parts of the case not yet fully defined, which encourages further development, refinement, identification of evidence, and concretization of placeholder areas (like specification of security threats, specific phases, and requirement details).