The given security case pattern can be instantiated for ACAS Xu (Airborne Collision Avoidance System Xu). Here is the derived security case for ACAS Xu and its representation in a hierarchical tree format using dashes (-) to denote different levels:

### Instantiated Security Case for ACAS Xu ###

#### GSN Tree Representation ####

- G0: ACAS Xu satisfies security requirements

- Contexts:

- C0: Description of ACAS Xu

- C1: SR are requirements about protecting the system from malicious entities

- Justifications:

- J0: The argumentation is based on satisfaction of SRs

- Assumptions:

- A0: System SRS are complete, adequate, and consistent

- SupportedBy:

- S0: Argue through asset protection and secure development requirements

- Goals:

- G1: ACAS Xu satisfies the asset protection requirements

- Assumptions:

- A1: Asset inventory is established

- SupportedBy:

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

- Goals:

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

- Contexts:

- C2: Description of ACAS Xu architecture

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

- SupportedBy:

- S2: Argue through derivating security threats from SRs

- Goals:

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

- Assumptions:

- A2: All relevant threats have been identified

- SupportedBy:

- S3: Argue over each security threat

- Goals:

- G0.X: ACAS Xu architecture is protected against STX (undeveloped, uninstantiated)

- G6: ACAS Xu architecture is validated (undeveloped, uninstantiated)

- Contexts:

- C3: Description of ACAS Xu architecture model

- Assumptions:

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