Based on the predicates given below for a security case pattern for threat identification, use this pattern to create a security case for ACAS Xu (Airborne Collision Avoidance System Xu and display in a hierarchical tree format using dashes (-) to denote different levels.

Goal (G0, {System} satisfies security requirements)

Goal (G1, {System} satisfies the asset protection requirements)

Goal (G2, {System} satisfies secure development requirements)

Goal (G3, Asset protection requirements are met during the architecture design phase)

Goal (G4, Asset protection requirements are met during other phases)

Goal (G5, {System} architecture is protected against identified security threats (STs))

Goal (G6, {System} architecture is validated)

Goal (G0.X, {System} architecture is protected against STX)

Strategy (S0, Argue through asset protection and secure development requirements)

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

Strategy (S2, Argue through derivating security threats from SRs)

Strategy (S3, Argue over each security threat)

Context (C0, Description of {system})

Context (C1, SR are requirements about protecting the system from malicious entities)

Context (C2, Description of the {architecture})

Context (C3, Description of {system} architecture model)

Justification (J0, The argumentation is based on satisfaction of SRs)

Justification (J1, Detection and mitigation of threats fulfill SRs)

Assumption (A0, System SRS are complete, adequate, and consistent)

Assumption (A1, Asset inventory is established)

Assumption (A2, All relevant threats have been identified)

Assumption (A3, {System} architecture model is well defined in {formal method})

SupportedBy (G0, S0, 1)

SupportedBy (S0, [G1, G2], 2)

SupportedBy (G1, S1, 3)

SupportedBy (S1, [G3, G4], 4)

SupportedBy (G3, S2, 5)

SupportedBy (S2, [G5, G6], 6)

SupportedBy (G5, S3, 7)

SupportedBy (S3, G0.X, 8)

IncontextOf (G0, [C0, C1, J0, A0], 1)

IncontextOf (G1, A1, 3)

IncontextOf (G3, C2, 5)

IncontextOf (S2, J1, 6)

IncontextOf (G5, A2, 7)

IncontextOf (G6, [C3, A3], 7)

HasPlaceholder (G0)

HasPlaceholder (C0)

HasPlaceholder (G1)

HasPlaceholder (G2)

HasPlaceholder (C2)

HasPlaceholder (G5)

HasPlaceholder (G6)

HasPlaceholder (C3)

HasPlaceholder (A3)

HasPlaceholder (G0.X)

Uninstantiated (G0)

Uninstantiated (C0)

Uninstantiated (G1)

Uninstantiated (C2)

Uninstantiated (G5)

Uninstantiated (C3)

Uninstantiated (A3)

Undeveloped (G4)

UndevelopStantiated (G2)

UndevelopStantiated (G6)

UndevelopStantiated (G0.X)