To create an instantiated security case for ACAS Xu (Airborne Collision Avoidance System Xu) from the security case pattern provided, we will follow the steps outlined for instantiating the assurance case pattern:

1. Create the hierarchical tree structure using the provided elements and decorators.

2. Remove all additional assurance case pattern decorators.

3. Replace all placeholders `{}` with "ACAS Xu" or system-specific information.

Here is the instantiated security case for ACAS Xu in a hierarchical tree format:

```

G0: ACAS Xu satisfies security requirements

- C0: Description of ACAS Xu

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

- J0: The argumentation is based on satisfaction of SRs

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

- S0: Argument by appeal to asset protection and secure development requirements

- G1: ACAS Xu satisfies the asset protection requirements

- A1: Asset inventory is established

- S1: Argument across the different stages of the system development life cycle

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

- C2: Description of the architecture

- S2: Argument by deriving security threats from SRs

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

- A2: All relevant threats have been identified

- S3: Argument over each security threat

- G0.X: ACAS Xu architecture is protected against STX

- G6: ACAS Xu architecture is validated

- C3: Description of ACAS Xu architecture model

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

- J1: Detection and mitigation of threats fulfill SRs

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

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

(Uninstantiated)

- G6: ACAS Xu architecture is validated (UndevelopStantiated and Uninstantiated)

- G0.X: ACAS Xu architecture is protected against STX (UndevelopStantiated and Uninstantiated)

```

The final instantiated security case ensures that all placeholders have been replaced with "ACAS Xu" or system-specific information and that all elements have been instantiated and, if necessary, further developed. Marked "Undevelopment" signifies it needs further elaboration in future steps.