

## Project Functional Safety

## Project Cybersecurity

System Context

Requirements Elicitation

System Requirements Analysis

System Architectural Design

Mechanical  
requirements  
analysis

Hardware  
requirements  
analysis

Software  
requirements  
analysis

Mechanical  
design

Hardware  
design

Software  
architectural  
design

Software  
detailed  
design & unit  
construction

Software  
unit  
verification

System Qualification Test

System Integration & Integration Test

Software  
qualification  
test

Verification  
against  
hardware  
requirements

Test against  
mechanical  
requirements

Software  
integration  
& integration  
test

Verification  
against  
hardware  
design

Test against  
mechanical  
design

Hardware sample production

Mechanical sample production

Project  
Management

Risk  
Management

Project  
Release

Quality  
Assurance

Configuration  
Management

Problem  
Resolution  
& Change  
Management