Safety / Security Management

high · **Hazard Severity** · low

Hazard Probability

unacceptable

Risk

conditionally acceptable

low

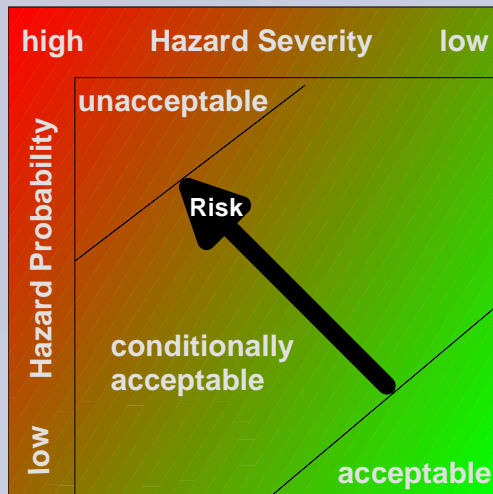acceptable

How safe and secure does the system need to be to **achieve acceptable risk levels?**

Is the proposed system **architecture** capable of **achieving the defined levels of safety and IT security?**

Does the system as **implemented achieve the defined levels of safety and IT security?**

The overall objective of a **safety / security programme** is to reduce potential risks of harm caused by your system or by security threats as low as reasonably practicable. The goal of the **RAM programme** and its activities is to assure the design of an inherently safe and effective system. We provide a comprehensive assessment of the systems´ ability to maintain service to its users in the event of hardware and/or software failures and failures caused by external threats.

Your Service Provider for Success

APAC will support your mission

SYSTEM DEPENDABILITY

FLY · FLY · FIX · "Trial and Error"
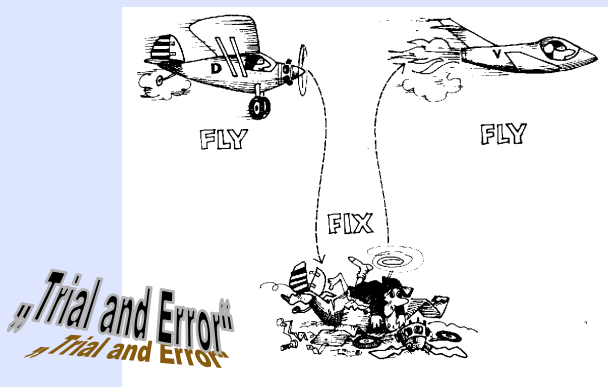
All processes are performed in accordance with the **APAC** Quality System (ISO9000) and internationally recognised standards of safety and reliability.

APAC Safety / Security Processes offers

♦ RAM (Reliability, Availability and Maintainability) Programme Planning

♦ Reliability Modelling, Reliability Allocations, Reliability Prediction

♦ FMECA (Failure Modes, Effects and Criticality Analysis)System Safety and Security Programme Planning, Reviews / Audits

♦ System Safety and Security Assessment Report, Safety / Security Case

♦ Safety and Security Verification

♦ Functional Hazard Assessment (FHA), Preliminary System Safety Assessment (PSSA), System Safety Assessment (SSA), Hazard Logging

APAC