Aviation Problem Solving Flowchart

PROBLEM?
What is the actual problem?
A problem is a discrepancy between an existing and a desired state of affairs.

POLITICS
Who are the interested parties?
What are their desired outcomes?

PROCESS
What methodology will be used?
What tools/resources will be required?

PEOPLE
What knowledge, skills, experience will be required to solve the problem?

PERFORMANCE
How will we know if and how well we have solved the problem?

PRICE
What will it cost to solve the problem?
What are the benefits?

IS THERE A PROBLEM? → (NO)

YES

Define the problem

Prepare stakeholder analysis

CAN POLITICS BE OVERCOME? → (NO)

YES

Define the problem solving methodology

CAN THE PROBLEM BE SOLVED? → **NO**

YES

Establish expertise to solve the problem

Specify deliverables and problem metrics

Prepare cost estimate business case

IS THE PRICE ACCEPTABLE? → (NO)

YES

Solve the problem

PERFORMANCE CRITERIA MET → **NO** (loop back to Solve the problem)

Define and schedule review requirements

REVIEW TRIGGERED

YES / **NO**

AVIATION PROJECTS