AEROSPACE & ENERGY · PLAYBOOK

Predictive maintenance: *5 decisions* to take before the pilot

Most pilots don't fail on the model. They fail on decisions nobody took upfront.

THE METHOD

Decide these *before* writing a line of code

1. **One failure mode, one P&L line**
   Unscheduled removals of one component family, not 'the fleet'.

2. **A data owner who signs**
   Reliability + MRO records, with a named owner in Ops.

3. **The decision it changes**
   Which planner action moves when the score moves?

4. **The regulatory frame**
   Part-145 / CAMO approval path and AI Act scope checked first.

5. **Value measured in euros**
   AOG hours, spares, penalties: baseline frozen before go-live.

WHERE TO START

Pick the pilot by *value × data readiness*

BUSINESS VALUE →

Build the data first

High value, records still on paper or scattered.

Start here

High value, digitised history, clear owner.

Drop

Low value, poor data: a demo, not a business case.

Quick automation

Low value, good data: rules or BI often suffice.

DATA READINESS →

NEXT STEP

Score your first use case in *20 minutes*

- Free AI maturity diagnostic
- ROI calculator for your scope

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