

USE CASE:

# Generative AI: Engineering Assistant



## Application

**Non-Conformance New Part Evaluation**  
**35% of engineering time** is spent evaluating if these parts can be used as is or need to be repaired or scrapped. These insights also can inform design improvements.



## AI use

Multi-modal AI assistant trained on **30 years of non-conforming hardware**, enriched with drawings, characteristics, specifications, design record books, engine service manuals, and more.



## Impact

AI Engineering assistant provides human engineers with **full dataset on parts**, **reducing blind spots while improving consistency and quality of evaluation.**

**Reduces thousands of hours** from the non-conformance new part evaluation process.

**Faster, more reliable part dispositions.**

