

# Mission Evaluation Report

## 700 Series Aircraft

Project Manager:	Administrator
Prepared by:	Administrator
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Currency:	British Pounds

Generates a comprehensive report that outlines the performance gap, evidence supporting the findings, as well as, the monetary impact of the performance gap.

## Table of Contents

- **Evaluation**
  - **Evaluation**
    - Performance
    - Evidence
    - Reliability
    - Difficulties
    - Solutions
    - Archive
    - View
    - Delete
    - Recover
    - **Mission Performance Indicators**
      - **Productivity Gain**
    - **Summary**
  - **Search**

## Report

### Evaluation

#### Evaluation

Performance	
Evaluation Date	03/01/2021
Trigger	Equipment breaking early in life cycle
Location	London
Mission	Maintain Flight Systems On-Aircraft
Actual Performance	Performing flight control, hydraulics and landing gear maintenance takes 15-25 hours.
Desired Performance	Performing flight control hydraulics and landing gear maintenance takes 8-12 hours.
Desired Performance Date	05/15/2021
Actual Impact	£ 289,500,000
Performance Gap	Significant
Estimate Monitory Impact	Yes

Evidence	
Evidence Date	02/15/2021
Evidence	Analysis of maintenance logs from 01 January 2020 to December 2020.

Reliability	
Reliable	Yes
Reasons	Sample size over 1000 maintenance logs, while controlling for outliers using statistical procedures.

Difficulties	
Problems Encountered	Gaining access to data logs in a timely fashion.

### Mission Performance Indicators

#### Productivity Gain

Impact		
Cost Per Cycle	£100000	£120000
# of Scheduled Maintenance Cycles	65	80
Anticipated % of Productivity Gained	30	40

### Summary

Summary		
Performance Indicator	Minimum	Maximum
Productivity Gain	£ 195,000,000	£ 384,000,000

### Search