



# Risk Based Oversight Utilising 'POA Production Quality KPIs'

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Production & Propulsion

# CAA Project

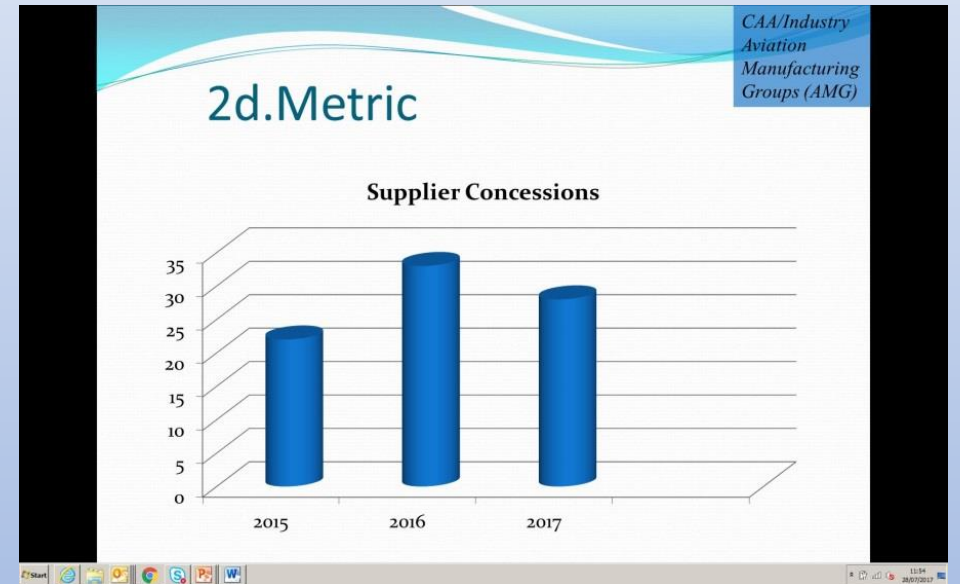
## Overview:

- CAA – Risk Based Oversight (RBO).
- CAA Resource – Focus on Areas of Increased Airworthiness Risk.
- POA Production Quality KPIs – Possible indicator of increased risk.
- CAA Oversight Responsibility – Include Production Quality KPIs.
- Objective – Increased Airworthiness Risk being addressed appropriately.

# RBO – POA Production Quality KPIs

## Existing KPI Examples:

- Deviations
- Concessions
- Scrapped Components
- Test & Inspection Rejects (RTS)  
/ First Test Pass Rate
- Defects Per Unit
- External Quality Escapes
  
- Supplier Concessions
- Supplier Quality Escapes

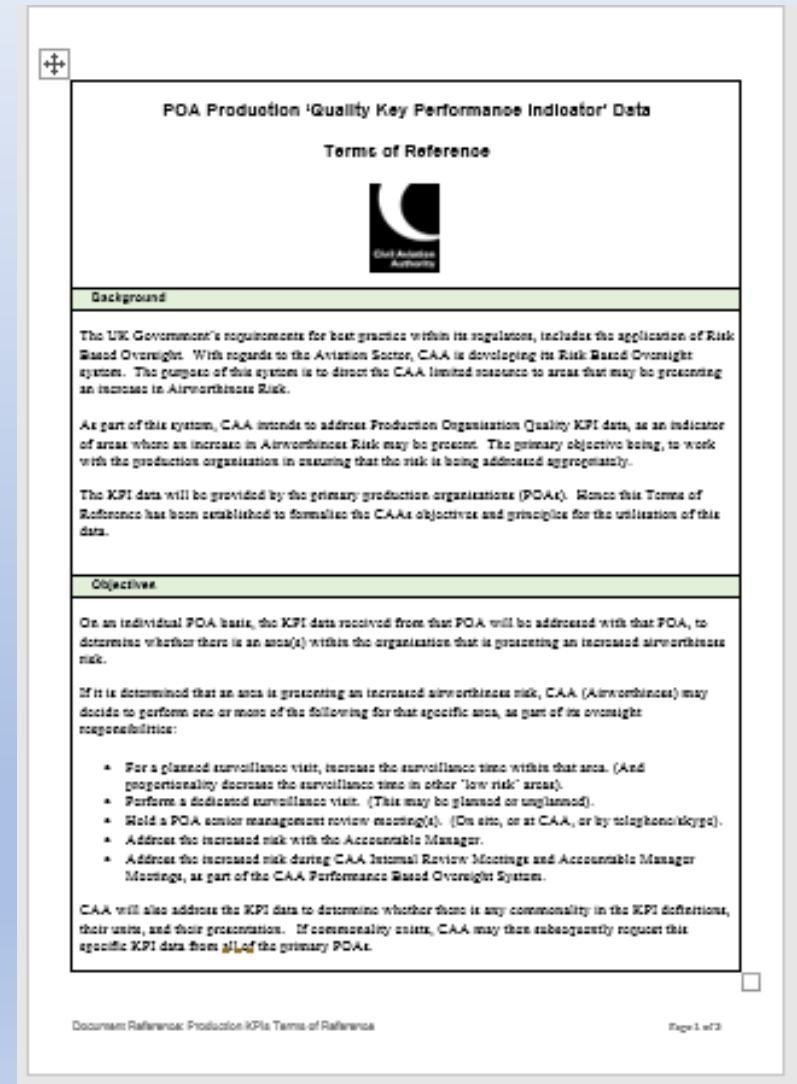


(EN 9100 – Commonality – Cost - Prod KPIs)

# RBO – POA Production Quality KPIs

## POA Concerns:

- PAMG Meetings:
  - POAs provided Production Quality KPIs.
  - POA Concerns - Submitting KPI Data to CAA.
  - CAA Terms of Reference created.  
(CAA Objectives and Principles).
  - CAA Process Flow Chart created.  
(Who to, &, how addressed).



# RBO – POA Production Quality KPIs

**CAA Oversight Options:** (Where KPI Indicates increased Airworthiness Risk).

- Arrange discussion – How is production issue being addressed ?
- For planned audit – Increase time in area of concern.
- Perform focused audit in area of concern.
- Hold a POA senior management review meeting.
- Address increased risk with Accountable Manager.
- Influence EASA. ‘Design Authority.’
- Address in CAA IRM.  
(KPIs may indicate a stable airworthiness risk.)



(Just Options – Oversight)

# RBO – POA Production Quality KPIs

## Next Stage:

- Visit 'Primary' POAs – Q3 2019.
- Agree 'existing' KPI data for CAA. (Product Level).
- Create KPI Dashboard – Green/Amber/Red. (CAA management only).
- POA - Provide KPI data (Quarterly Basis ?).
- CAA Principle Surveyors - Review KPI data submitted.
  - Address with POA - KPI indicting increasing Airworthiness Risk ?.
  - If yes - Determine appropriate CAA oversight .

# RBO – POA Production Quality KPIs

## Summary.....

- As part of RBO – Oversee Production Quality KPIs.
- CAA visit 'Primary' POAs – Agree KPI data.
- Request POA to provide the KPI data.
- Work with you – Determine - Increased airworthiness risk ?.
  - Satisfied - Risk being addressed appropriately.

# RBO – POA Production Quality KPIs

So what are your thoughts ???

