

Risk Based Oversight Utilising 'POA Production Quality KPIs'

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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.

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)



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).

	POA Production 'Quality Key Performance Indicator' Data
	Terms of Reference
	Chall Accounting Acceptanting
Dec	kground
Since system	W Government's requirements for best gractice within its regulators, includes the application of Risk Oversight. With regards to the Aviation Sector, CAA is developing its Risk Bande Oversight a. The purpose of this system is to direct the CAA limited resource to areas that may be presenting mease in Airworthiness Risk.
of are	rt of this system, CAA intends to address Production Organisation Quality KPI data, as an indicator as where an increase in Airworkbiness Risk may be present. The primary objective being, to work he production organisation in examing that the risk is being addressed appropriately.
	FI data will be provided by the primary production organizations (POAr). Hence this Terms of ence has been established to formalize the CAAs objectives and principles for the utilization of this
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	ectives.
	ectives. Individual POA basis, the KPI data received from that POA will be addressed with that POA, to size whether there is an area(s) within the organization that is grounding an increased airworthings
dotom nigk. If it is docid	individual POA basis, the KPI data received from that POA will be addressed with that POA, to
doton risk. If it is docid rospo	individual POA basis, the KPI data received from that POA will be addressed with that POA, to sine whether there is an area(s) within the organization that is presenting an increased alreerthingus determined that an area is gracenting an increased alreerthingus risk, CAA (Alreerthingus) may be perform one or more of the following for that specific area, as part of its eveninght
dotem risk. Df n is docid nospo	individual POA basis, the KPI data received from that POA will be addressed with that POA, to sine whether there is an area is greatering an increased airworthiness mice, CAA (Airworthiness) may determined that an area is greatering an increased airworthiness mice, CAA (Airworthiness) may be perform one or more of the following for that specific area, as part of its oversight nebilities: For a glasmed surveillance visit, increase the surveillance time within that area. (And propertionality decrease the surveillance time in other 'low risk' areas). Perform a dedicated surveillance visit. (This may be glasmed or anglanned). Held a POA senior management review meeting(i). (On site, or at CAA, or by telephoneik(ypc). Address the increased mik with the Accountable Manager.

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)

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 .

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.

So what are your thoughts ???

