



Issue Paper (IP)

IP Number: CIP RMPIG 2025-02 **R01**

Initial Date: (03/Feb/2025)

Revision / Date: Rev. 0 / 03/Feb/2025

Effective Date: (DD/MMM/YYYY):

Retroactivity (Y/N): N

Title:	Clarification of IP44 definition in IMPS
Submitter:	RMPIG

Applies To:	
MSG-3 Vol 1	
MSG-3 Vol 2	
IMPS	X

Issue:

IP44 guideline is defined as not exhaustive in IMPS and shall be utilized as the basis for OEM procedure.

This definition leaves a room open for interpretation of what can be used in addition to this guideline.

Problem:

IP44 Guidelines allows complementary Data / Analysis to be used in addition to standard analysis.

The following examples illustrate what OEM needs to manage:

- Data collected from operators can be not enough accurate to allow OEM to assess significance of findings. In that case, OEM can provide additional Data/Analysis to assess significance of findings.
- Sample representativeness could be more difficult to reach on Rotorcraft due to Fleet size and yearly flight rates. In that case, OEM can propose to perform deep investigations with a reduced size of the sample compensated by improving the quality of reports done for each task application (example: investigation performed by OEM to ensure that level of damages is at expected level to extend the interval)

In this case, OEM must guarantee a level of safety management equivalent to the statistical approach. Representativeness of sample must be managed and be conservative (Missions, Geographical environments, ...)

This complementary data/analysis (e.g. accurate investigation results, significance of findings assessment, test results) should be implemented in addition to IP44 requirements and must not replace them.



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Recommendation (including Implementation):

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3.0 Policy Description

[...]

In-service data both scheduled and unscheduled maintenance findings related to the intent of the MSG-3 task should be evaluated.

Additional data from the TCH may be used to support the evaluation, provided the use of this data is described in the PPH to complement the analysis.

Relevance and significance of findings should be weighed.

[...]

IMRBPB Position:

Date:

Position:

Recommendation for Implementation:

Status of the Issue Paper:

<input type="checkbox"/>
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Active

Incorporated in MSG-3 / IMPS (with details)

Archived