

International Maintenance Review Board Policy Board (IMRBPB)

Issue Paper (IP)

IP Number: CIP IND 2018-03 (V1,2)

Initial Date: 29/NOV/2019

Revision / Date: 00/ 11/MAR/2020

Effective Date (DD/MMM/YYYY):

Retroactivity (Y/N): N

| | |
|-------------------|--|
| Title: | “Other Structure” process and flowchart update |
| Submitter: | RMPIG |

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

Issue:

Inspection requirements for most of the items categorized as Other Structure (P4) can be satisfied by the Zonal program (Ref. [Section 2-5]). However, if the zonal inspection GVI is considered insufficient, the SWG can recommend tasks for “Other Structures” based on manufacturer recommendations or in-service experience.

Problem:

Current process written in two places in the structure section is not up-to-date and not in compliance with the existing methodology in Structures and Zonal programs. It does not reflect the capability of the SWG to recommend applicable and effective tasks for “Other Structure”.

The existing flowchart diagram in figure 2-4-4.2 should be updated accordingly.

Recommendation (including Implementation):

- Revise 2-4-2, section 7. Zonal Inspections:

FROM:

~~Some parts of the inspection requirements for SSIs and most of the items categorized as Other Structure can be provided by the zonal inspections (Ref. [Section 2-5]). Tasks and intervals included in the zonal inspections should be based on operator and manufacturer experience with similar structure. For structure containing new materials and/or construction concepts, tasks and intervals may be established based on assessment of the manufacturer's recommendations.~~

TO:

The zonal inspection tasks resulting from application of the zonal analysis procedure (ref. [Section 2-5]) inspect everything in the zone, including all the structure, for security and general condition.

All general visual inspection tasks resulting from SSI analysis selected by the SWG are evaluated for zonal transfer.

The zonal inspection tasks typically cover most of the items categorised as Other Structure in addition to those structure inspection requirements for SSIs transferred to zonal.

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- Revise 2-4-4, paragraph 1. Procedure, section “e”:

From:

~~e. Items categorized as Other Structure (P4) are compared to similar items on existing aircraft (D2). Maintenance recommendations are developed by the Structures Working Group (SWG) for items which are similar and by the manufacturer for those which are not, e. g., new materials or design concepts (P5).~~

To

e. The inspection requirements for items categorised as Other Structure are generally satisfied by the zonal tasks resulting from the zonal analysis procedure (Ref. [Sections 2-5]). In addition, where deemed necessary (initiated by the manufacturer, the SWG or another MWG), the SWG can determine additional maintenance recommendations for the Other Structure based on experience with similar parts on existing aircraft or on a manufacturer recommendation (P6).

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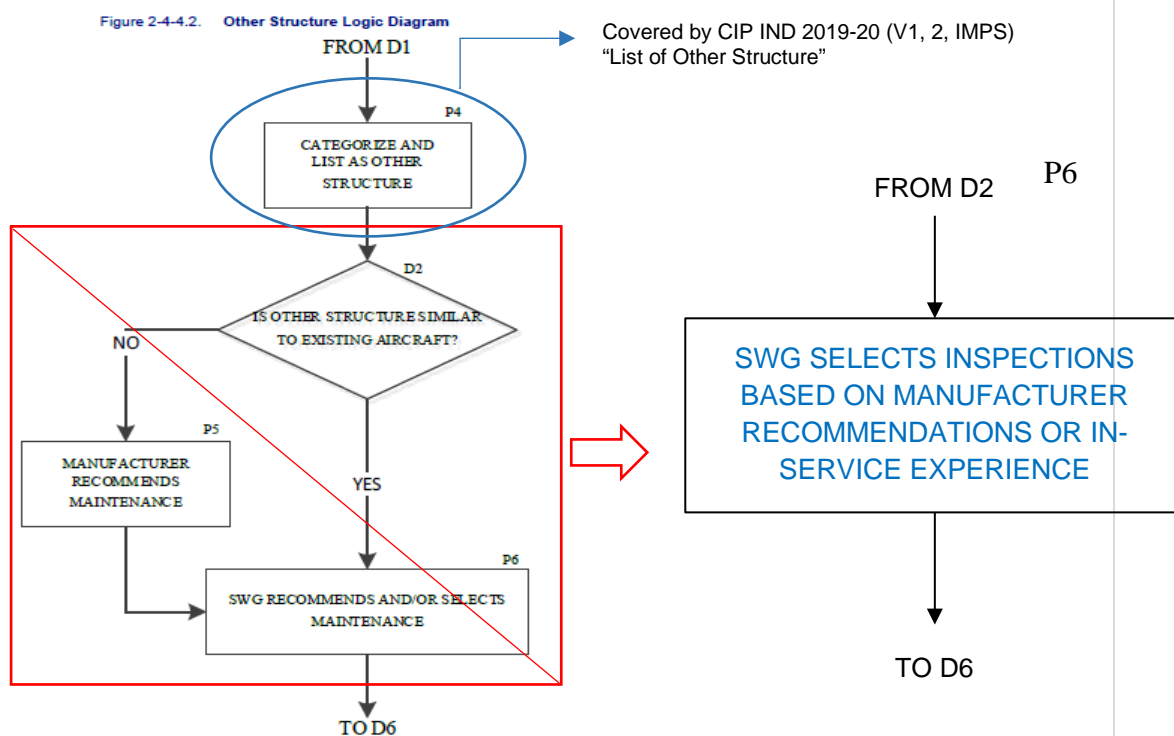
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Revise the Figure 2-4-4.2 and align it with the recommended text on section “e” as follows:



NOTE: The original CIP proposal was submitted by Bell, Airbus and Dassault.

IMRBPB Position:

Date:

Position:

Recommendation for
Implementation:

Status of the Issue
Paper:

X
X
X

Active

Incorporated in MSG-3 / IMPS (with details)

Archived