



Issue Paper (IP)

IP Number: CIP EASA 2024-04

Initial Date (DD/MMM/YYYY):

Revision - Date (DD/MMM/YYYY):

Effective Date (DD/MMM/YYYY):

Retroactivity (Y/N): N

Title:	Clarification of “Internal” and “External”
Submitter:	EASA

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

Issue:

Both the MSG-3 Vol.1 and Vol.2 documents mention “Internal”/”External” as follows:

2-4-1. Aircraft Structure Defined

[..]

b. **Other Structure** is that which is judged not to be a Structural Significant Item. It is defined both externally and internally within zonal boundaries.

2-5-1. Procedure

The following procedures may be used

a. Divide the aircraft externally and internally into zones as defined in [ATA iSpec 2200], (formerly ATA Spec 100).

[..]

MSG-3 however does not provide the definition of “Internal” or “External” Items/Zones.

Problem:

Some PPHs include a customized definition for “Internal” or “External” , with rating tables that give suggested task intervals different for External/Internal SSI/Zones.

Some PPHs do not include any definition for “Internal” or “External” and the rating tables do not consider different intervals for External/Internal SSI/Zones.

Consequently, some MRBRs and Maintenance Programs identify “Internal” or “External” tasks, but this is not a standard practice.



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Recommendation (including Implementation):

For TCHs that identify “External” and “Internal” Items/Zones, clear definitions should be included in PPHs and MRBRs.

It is recommended an update of the IMPS Issue 02, Section 4 [Maintenance Review Board (MRB) Process Specification] as follows:

4.8 Specific Considerations for Structures

[...]

4.8.2 For TCHs that identify “External” and “Internal” Items, the MRBR should clearly define and identify External and Internal Items.

4.9 Specific Considerations for Zonal

[...]

4.9.6 For TCHs that identify “External” and “Internal” Zones, the MRBR should clearly define and identify External and Internal Zones.

It is also recommended an update of the IMPS Issue 02, Appendix 1 [POLICY AND PROCEDURES HANDBOOK (PPH) SUGGESTED CONTENT] as follows:

4. Structural Analysis Procedures

[...]

4.3 ~~Identification of~~ Structural Significant Item (SSI) or Other Structural Selection

4.3.1 Identification of Structural Significant Item (SSI) or Other Structural Selection

4.3.2 Definition and identification of External and Internal Items

5. Zonal Analysis Procedures

[...]

5.7 Zone Diagrams

5.7.1 Aircraft Zones

5.7.2 Definition and identification of External and Internal Zones



International MRB Policy Board

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IMRBPB Position:	
Date:	
Position:	
Recommendation for Implementation:	

Status of the Issue Paper:	<input type="checkbox"/>	Active
	<input type="checkbox"/>	Incorporated in MSG-3 / IMPS (with details)
	<input type="checkbox"/>	Archived