

**International Maintenance Review Board Policy Board (IMRBPB)**

**Issue Paper (IP)**

**Initial Date (DD/MMM/YYYY): 06/MAR/2014**

**IP Number: IP 137**

**Revision / Date (DD/MMM/YYYY): Revision 0. 30/April/2014**

**Title:** Consistency between current Zonal Analysis and 2013 L/HIRF Analysis procedures

Applies To:	
Vol 1:	
Vol 2:	
Both:	X

**Submitter: EMBRAER S.A**

**Issue:** In current Zonal Analysis Procedure section there is a specific paragraph related to Zonal Transfer Guidance of GVIs determined by L/HIRF analysis:

*Zonal Analysis Procedure 2-5-1 (i) (Page 69)*

*General Visual Inspections arising from the analysis of L/HIRF may be compared with the Zonal Inspections determined from the standard zonal analysis (paragraph d.). These GVIs may be considered fully covered by the zonal inspection if the access requirement is the same and the proposed interval is at least as frequent. Otherwise, a stand-alone GVI should be included within the Systems and Powerplant tasks as described in [Subject 2-6-1].*

**Problem:** According the new L/HIRF section incorporated at Revision 2013, the logic analysis does not create a GVI to be transferred and accepted (or not) by the Zonal Program.

During degradation assessment step, (in case there is potential degradation) the logic only investigates whether the item is detectable by a Zonal Inspection or not. If a Zonal Inspection properly detects the degradation, no dedicated L/HIRF task is required (Zonal program is enough to inspect the component).

**Recommendation (including Implementation):**

To delete the paragraph (i) from 2-5 Zonal Analysis Procedure:

From :

~~h.~~ Except as noted in paragraph 2-3-7.3, General Visual Inspections arising from the systems, powerplants and structures may be compared with the Zonal Inspections determined from the standard zonal analysis (paragraph d.). Work sheets should record the interval proposed in the originating analysis. These GVIs may be considered fully covered by the zonal inspection if the access requirement is the same and the proposed interval is at least as frequent. Otherwise, a stand-alone GVI should be included within the MSI or SSI from which it was identified.

~~i.~~ General Visual Inspections arising from the analysis of L/HIRF may be compared with the Zonal Inspections determined from the standard zonal analysis (paragraph d.). These GVIs may be considered fully covered by the zonal inspection if the access requirement is the same and the proposed interval is at least as frequent. Otherwise, a stand-alone GVI should be included within the Systems and Powerplants tasks as described in [Subject 2-6-1].

~~j.~~ Visual Checks may be considered covered by the Zonal Inspections provided that the Systems Working Group that identified them consider that the failure would be noted and addressed during a zonal inspection. Otherwise, the task should remain in the Systems and Powerplants tasks where specific attention can be drawn to the item.

~~k.~~ All tasks developed through application of the standard zonal analysis (paragraph d.) should be included in the Zonal Inspections. For accountability purposes, any General Visual Inspection or Visual Check originating from application of systems, powerplant or structures analyses should

**International Maintenance Review Board Policy Board (IMRBPB)**

**Issue Paper (IP)**

**Initial Date (DD/MMM/YYYY): 06/MAR/2014**

**IP Number: IP 137**

**Revision / Date (DD/MMM/YYYY): Revision 0. 30/April/2014**

To:

**g.h.** Except as noted in paragraph 2-3-7.3, General Visual Inspections arising from the systems, powerplants and structures may be compared with the Zonal Inspections determined from the standard zonal analysis (paragraph d.). Work sheets should record the interval proposed in the originating analysis. These GVIs may be considered fully covered by the zonal inspection if the access requirement is the same and the proposed interval is at least as frequent. Otherwise, a stand-alone GVI should be included within the MSI or SSI from which it was identified.

**i.j.** Visual Checks may be considered covered by the Zonal Inspections provided that the Systems Working Group that identified them consider that the failure would be noted and addressed during a zonal inspection. Otherwise, the task should remain in the Systems and Powerplants tasks where specific attention can be drawn to the item.

**j.k.** All tasks developed through application of the standard zonal analysis (paragraph d.) should be included in the Zonal Inspections. For accountability purposes, any General Visual Inspection or Visual Check originating from application of systems, powerplant or structures analyses should

**IMRBPB Position:**

**Date: April 30, 2014**

**Position: CIP is accepted and closed as IP 137.**

**Status of Issue Paper (when closed state the closure date): April 30, 2014.**

**Recommendation for implementation: Next revision of MSG-3, Volume 1 and 2.**

**Important Note:** The IMRBPB positions are not policy. Positions become policy only when the policy is issued formally by the appropriate National Aviation Authority.