

**JAA/FAA/TCCA**  
**International MRB Policy Board**  
**Issue Paper**

**Date:** January 2007  
**IMRBPB #** TBD  
**MPIG#** 2007-01

**Title:** Process for coordinating MSG-3 derived tasks with Certification Maintenance Requirements (CMR's).

**Submitter:** Embraer

**Issue:** The current MSG-3 document does not describe a process for coordinating the MSG-3 derived tasks with CMR's.

**Problem:** The absence of a process for coordinating the MSG-3 derived tasks with CMR's in the MSG-3 document is causing discussions about:

- What is the criteria for deciding when a Candidate CMR will not become a CMR?
- What is the criteria for the decision of covering or not a CCMR with a MSG-3 task?
- How to deal with the MSG-3 tasks that have the same intent of a CCMR and decided to cover a CCMR?

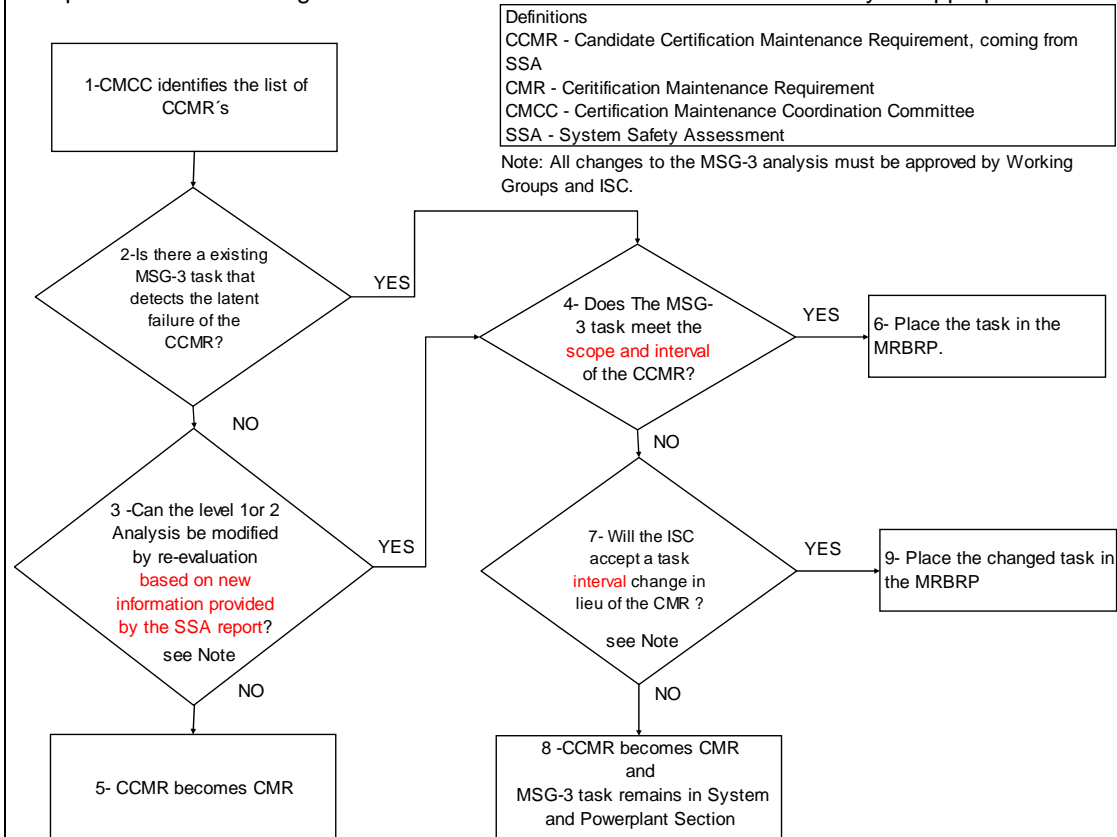
**Recommendation:** Revise the MSG-3 document section 2-3-8 item 6 with the following statement:

From:

"The process for coordinating MSG-3 derived tasks with CMRs is described in detail in AC 25-19 and involves a Certification Maintenance Coordination Committee (CMCC) that may influence the MWG's interval decision."

To:

"The process for coordinating MSG-3 derived tasks with Candidate CMRs involves a Certification Maintenance Coordination Committee (CMCC) as described by the AC 25-19. The CMCC may influence the MWG's decision as per the flowchart below. Following this process should be an acceptable means of using an MSG-3 Task in lieu of a CMR as determined by an appropriate CMCC."



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- 1- CMCC identifies the CCMR's during the System Safety Assessment (SSA), based on AC 25-19.
- 2- CMCC determines if a MSG-3 defined task exists that will detect the latent failure identified in the SSA.
- 3- If a MSG-3 task does not exist, the CMCC will ask the ISC/WG if a reassessment of the MSG-3 analysis is possible to include a task, based on additional information provided by the SSA report.
- 4- If the reassessment was performed, and a MSG-3 task generated, does that task meet the scope and interval of the CCMR?
- 5- If the reassessment was not performed, or if the reassessment did not generate a MSG-3 task, then the CCMR becomes a CMR.
- 6- If the MSG-3 task meets the interest and intent of the CMCC, the task is placed in the MRBRP
- 7- If the MSG-3 task does not meet the interest and intent of the CMCC, the ISC/WG may accept a CMCC proposed change in the MSG-3 task interval, in lieu of a CMR. ISC/WG should consider advantages and disadvantages of either. No change to scope should be acceptable.
- 8- If the ISC/WG does not accept the CMCC proposed change, then a CMR is established. The CMR and MSG-3 tasks are defined independently.
- 9- If the ISC/WG accepts the CMCC proposed task, it is placed in the MRBRP with the proposed changes.

**IMRBPB Position:**

*(enter date then position taken)*

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