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REPORT ON MAINTENANCE PROGRAMME RECOMMENDATIONS AND DISSEMINATION

Executive Summary

Scheduled Maintenance Programme shall be safe, cost-efficient and contribute to improve the aircraft operational reliability.

The very competitive economic environment, the airlines are confronted with, leads the industry to consider optimising their Maintenance Programmes (MP) to reduce maintenance costs while maintaining safety and reliability.

Although some airlines perform this exercise on their own involving their local authorities, the A/C manufacturer is in charge when sufficient in-service experience can be collected, to organize a Maintenance Programme Evolution exercise. This exercise is directed by the relevant Industry Steering Committee, as part of the MRB process. Results of the evolution will be approved by the MRB and introduced in a revision of the MRBR/MPD.

Evolution exercises are based on in-service data reported by airlines in the form of "Nil findings/details of findings" for each scheduled maintenance task issued from the MRB process. Up to now, the evaluation of these data by the Maintenance Working Group (manufacturer and operators as members and Regulatory Authorities as advisors) was based on the operator experience, manufacturer expertise and "engineering judgment".

In order to improve and homogenize this in-service data assessment, models have been developed to help the decision-making on the maintenance task interval adjustment.

These models have been implemented, tested and this report describes the recommendation and dissemination of these models.