Provide a description of the Lightning/HIRF protection systems and assemble a list of Lightning/HIRF protection components by zone whose failure could have an adverse effect on safety 1
Provide the component characteristics and applicable performance data, if available, for each protection component within a zone. 2
Identify potential degradation of the characteristics for protection components within the zone. 3
Are characteristics of the protection components susceptible to ED/AD? 4
NO
No dedicated Lightning/HIRF maintenance task selected. 5
YES
Will the failure condition due to the expected degradation in combination with a Lightning/HIRF event prevent the continued safe flight and landing of the aircraft? 6
NO
YES
Select applicable and effective Lightning/HIRF maintenance task and interval 7
Select applicable and effective Lightning/HIRF maintenance task and interval 14
Was a task identified? 8
NO
YES
Was a task identified? 15
NO
YES
Is the task a GVI? 9
YES
NO
Is the selected task appropriate for transfer to the Zonal Inspection Program? 10
NO
YES
Zonal Inspection Candidate 11
Dedicated Lightning/HIRF maintenance task 12
Redesign is mandatory 13
Dedicated Lightning/HIRF maintenance task 16