

**Training Plan & Objectives – Regulatory Assessment and Acceptance of an EASA Compliant Aircraft Maintenance Program (AMP) – 2 Days**

**Introduction**

From the regulatory perspective it is of primary importance to deliver effective oversight of aircraft operators' maintenance programs.

Together with a viable assessment of the management of the continuing airworthiness process.

The course is focused on the specific needs of persons (Competent Authority & Industry) who are required to audit the AMP process.

**General Timing**

**Start 0900**

**First Break 10.30 – 10.45**

**Lunch 13.15 – 14.15**

**Second Break 15.30 – 15.45**

**Finish 17.00**

Date	Time	Module No	Subject	Objectives
			<p><b>Regulatory Assessment &amp; Acceptance of an EASA Compliant Aircraft Maintenance Program (AMP) – 2 Days</b></p>	<p><b>What is the Benefit of this Training – What will I learn?</b></p> <p>a) At the end of this Training the delegate should have a comprehensive understanding of the Roles and responsibilities associated with the development of the Aircraft Maintenance</p>

				<p>Program. (AMP)</p> <p>b) To be able to effectively assess both the regulatory compliance and suitability of operators' Maintenance Programs.</p> <p>c) Achieve a solid understanding related to Part CAMO Continued Airworthiness Management (CAM) and the Continuing Airworthiness Organisation (CAMO) management of the AMP</p> <p>d) Be able to use the regulation to proactively manage the oversight of regulatory compliance related to the AMP and its control processes</p> <p>e) Understand the activities which support the analysis of Safety Data including SB's and AD's</p> <p>f) Understand the impact of the various elements on the AMP with the ability to assess exposure and viability and identify potential weaknesses within the system.</p> <p>g) Be able to understand the role of NAA inspectors in oversight activities in relation with AMP approval and its amendments.</p>
Date	Time	Module No	Subject	Objectives
<b>Day 1</b>				
	09:00-09.30	1	General Introduction	Explain the Concept of Hard Time Maintenance - Understand the relevance of Dominant Failure Mode

				<p>Understand the relevance of "On Condition".</p> <p>Consider the Objectives of an AMP</p> <p>Familiarize with the Primary Objective of Aircraft Maintenance</p> <p>What is the Role of the Industry Steering Committee (ISC)</p>
	<b>09:30-10.00</b>	2	Aircraft Maintenance Program – Basic requirements – Compliance with ICAO	<p>Explain Historical Background in regard of AMP</p> <p>Explain the Regulatory perspective in delivering effective oversight of aircraft operators' maintenance programmes.</p> <p>Familiarize with ICAO Annex 8 Requirements</p>
	<b>10:00 -10.30</b>	3	Aircraft Maintenance Program (AMP) EASA Regulatory Drivers – M.A.302 / M.B.301	<p>AMP Introduction - Indirect Approval</p> <p>AMP Compliance, Basics - Reliability Program</p> <p>Annual Review</p> <p>Escalation</p> <p>CA Basic Oversight Activities</p>
	<b>10.30-10.45</b>		<b>Break</b>	

	<b>10.45 11.00</b>		Aircraft Maintenance Program (AMP) EASA Regulatory Drivers – M.A.302 / M.B.301	
	<b>11.00 –11.45</b>	4	A brief overview of the AMP content and the regulatory reference	<p>Understand Responsibilities of the Owner in regard of AMP</p> <p>Understand the Requirements of M.A.302 to establish compliance of the AMP TC, RTC, STC, instructions issued by the competent authority etc.</p> <p>Understand the Requirements of AMC M.A.302 (d) in regard of AMP compliance</p>
	<b>11.45 – 12.30</b>	5	AMP contents & Initial Aircraft Maintenance Program Assessment Criteria	<p>Explain the AMP source and Content</p> <p>Explain the process of Developing &amp; Managing Operators Approved Maintenance Program</p> <p>Explaining INITIAL PROGRAMME PRODUCTION</p>
	<b>12.30 – 13.15</b>	6	Applicable CAME procedures	<p>Explain Development, Amendment &amp; Approval of AMP</p> <p>M.A.302 ML.A.302 CAMO.A.315(b)(1) CAMO.A. 315(b)(2)</p> <p>Responsibilities</p> <p>Approval by the Authority (including Indirect Approval)</p>

				Staff Competency and Training
	<b>13.15 – 14.15</b>		<b>Lunch</b>	
	<b>14.15 – 14.45</b>	7	EASA Approved Maintenance Program – CAMO Staff Qualification Considerations	<p>Understand the Regulatory Requirements Related to Training &amp; Management of Competence &amp; Records</p> <ul style="list-style-type: none"> <li>• Training Needs Analysis &amp; Competence Assessment</li> <li>• Competence Documentation Requirements</li> <li>• Competence Assessor Approval</li> </ul>
	<b>14:45-15.15</b>	8	AMP Preamble, Introduction and Regulatory Statements	<p>Understand the AMP, as prescribed by Part M,</p> <ol style="list-style-type: none"> <li>1. Preface, providing general information with respect to the specific programme.</li> <li>2. The AMP, providing scheduled aircraft maintenance requirements.</li> </ol>
	<b>15.15 – 15.30</b>	10	EASA Competent Authority Regulatory Obligations related to Aircraft Maintenance Program (AMP) Compliance	<p>CA Responsibility to Approve CA issue of Alternate Instructions AMP Review &amp; Revision Policy AMP Task Interval Amendment</p>
	<b>15.30 – 15.45</b>		<b>Break</b>	
	<b>15.45- 16.00</b>		EASA Competent Authority Regulatory Obligations related to Aircraft Maintenance Program (AMP) Compliance	
		11		Review of Certification Statement

	16:00-17:00		EASA Compliant Aircraft Maintenance Program – Review of Critical Items	<p>Baseline Utilisation</p> <p>Escalation Procedures</p> <p>Widespread Fatigue Damage</p> <p>CDDCL Items</p>
<b>DAY 2</b>				
	09:00-09.45	12	Considerations Regarding the Embodiment of Aircraft Maintenance Service Bulletins Structural Integrity, Ageing Aircraft	Understand why with an SSID, CPCP and LOV in place an individual aircraft may still not meet the intended level of airworthiness for ageing aircraft structures.
	09:45-10:30	13	Review and approval process involving the CAMO, its staff and procedures used	<p>M.A. 302 (c)</p> <p>CAMO.A.300</p> <p>AMC2 CAMO.A.300</p>
	10.30 – 10.45		Break	
	10.45 – 11.15	14	The contract for AMPs where an operator chooses to contract out the AMP production process.	<p>Appendix I to AMC M.A.302 and AMC M.B.301(b):</p> <ul style="list-style-type: none"> <li>• 6.4. Contracted maintenance</li> </ul> <p>Appendix XI to AMC M.A.708(c)</p> <ul style="list-style-type: none"> <li>• 2.6. Competent authority involvement</li> <li>• 2.7. Maintenance data</li> </ul> <p>Appendix II to AMC M.A.711(a)(3)</p>

	<b>11.15-12:00</b>	15	Exercise to review Appendix I to AMC M.A.302 and AMC M.B.301(b) — Content of the maintenance program	
	<b>12.00 – 12.30</b>	16	AMP Review of Potential Issues <ul style="list-style-type: none"> <li>• Specific equipment including modifications and Repairs.</li> </ul>	M.A.304  AMC M.A.305(c)2 (a)  GM M.A.305(c)(2)
	<b>12.30-13:00</b>	17	AMP Review of Potential Issues <ul style="list-style-type: none"> <li>• Associated with maintenance related to life-limited components</li> </ul>	GM M.A.305(d)
	<b>12:00-13:00</b>	18	AMP Review of Potential Issues <ul style="list-style-type: none"> <li>• Related to Mandatory Continuing Airworthiness Information (ALIs, CMRs, specific requirements in the Type Certificate Data Sheet (TCDS), etc.)</li> </ul>	
		19	AMP Review of Potential Issues <ul style="list-style-type: none"> <li>• Associated with</li> </ul>	AMC M.A.305(c)1

	13:00-13:15		maintenance related to AD Compliance & Repetitive AD's	
	13.15 – 14.15		<b>Lunch</b>	
	14:15-14:30		AMP Review of Potential Issues <ul style="list-style-type: none"> <li>Associated with maintenance related to AD Compliance &amp; Repetitive AD's</li> </ul>	
	14.30 – 15.00	20	AMP Review of Potential Issues <ul style="list-style-type: none"> <li>Associated with maintenance related to specific operational/airspace directives/requirements and operational approvals</li> </ul>	Appendix I to AMC M.A.302 and AMC M.B.301(b): 6.6. Pooling Arrangements (c)
	15:00-15:30	21	Review of contract key elements for outsourced AMP production process	Appendix XI to AMC M.A.708(c)  Appendix II to AMC M.A.711(a)(3) <ul style="list-style-type: none"> <li>2.2. Maintenance programme development and amendment</li> </ul>
	15.30 – 15.45		<b>Break</b>	



	<b>15:45-16:15</b>	22	The continuing monitoring of AMP effectiveness	Appendix I to AMC M.A.302 and AMC M.B.301(b): <ul style="list-style-type: none"> <li>6.5.10. Evaluation and review.</li> </ul>
	<b>16:15-16:45</b>	23	Approval of Amendments	Appendix I to AMC M.A.302 and AMC M.B.301(b) <ul style="list-style-type: none"> <li>3. Amendments</li> <li>6.5.11. Approval of maintenance programme amendment</li> </ul> Appendix II to AMC M.A.711(a)(3) <ul style="list-style-type: none"> <li>2.2. Maintenance programme development and amendment</li> </ul>
	<b>16:45-17:00</b>		<b>Debrief</b>	