

**BOSTONAIR TECHNICAL TRAINING LTD**  
**ONLINE PART M: MAINTENANCE PLANNING ESSENTIALS**  
**SYLLABUS**

**Slide(s)**

- 1 – 2: Part M: Production Planning Essentials – Introduction and instructions  
3: Airworthiness Principles  
4 – 5: Aviation Maintenance Planning  
6 – 8: Contents

- 9: Module 1: Abbreviations**
- Abbreviations - Introduction
  - Abbreviations
  - System Aircraft Management Diagram

- 10: Module 2: Regulatory Framework - EASA**  
11 – 16: Regulations

- 17: Module 3: The Part M and Part 145 Relationship**
- Continuous Airworthiness - The Role of Part 145 and Part M
  - Subparts A & B
  - Subparts C & D
  - Subparts E, F & G
  - Subparts H & I

- 18: Module 4: Managing Competencies in a Part M Environment**  
19: Establishing Organisation Competencies  
20: The Role of Competence Assessment  
21: The Importance of Human Factors Training  
22: Developing the Need for Recurrent Training  
23: Why Do We Have Human Factors Training?

- 24: Module 5: Contract and Sub-Contract Management**  
25: Contract and Sub-Contract Management  
26: Contract Relationship  
27: Sub-Contract Relationship

**CONTINUED BELOW**

- 28:           Module 6: How the MRB Process Works – MSG-1, 2 & 3**  
29 – 32:       MRB Introduction  
33 – 34:       MSG-1 / 2  
35:            MSG-2  
36 – 39:       MSG-3
- 40:           Module 7: The Certification Process – SSA - CMR & CDCCL**  
41 – 42:       Airworthiness Limitations  
43:            CMRs  
44:            Scheduled Maintenance Task Development
- 45:           Module 8: Understanding the MPD**  
46:            Developing the MPD  
47 – 50:       Understanding the MPD  
51 – 52:       B767 Example
- 53:           Module 9: Part M Sub-Part C: Continuing Airworthiness**  
54 – 61:       AMC M.A.301 Continuing Airworthiness Tasks  
62 – 64:       What the System Should Provide For  
65:            AMC M.A.301-3  
66:            AMC M.A.301-4  
67:            AMC M.A.301-5  
68:            AMC M.A.301-7  
69:            M.A.302 Aircraft Maintenance Programme  
70:            AMC M.A.302 (d) Aircraft Maintenance Programme Compliance  
71 – 72:       Part M Sub-Part C: Continuing Airworthiness  
73:            AMC M.A.302 (d)  
74:            M.A.302 (d)(i) and (ii)  
75 – 77:       AMC M.A.302 (f) Reliability Programmes  
78 – 81:       Record Completion  
82:            AMC M.A.305(h) Aircraft Continuing Airworthiness Record System  
83:            AMC M.A.306 Operator’s Technical Log System
- 84:           Module 10: The Approved Maintenance Programme**  
85:            Maintenance Periods  
86:            Maintenance Program B737NG  
87:            Explanatory Page  
88:            Maintenance Task Classification  
89:            Inspection Task Definition – General Visual (Surveillance)  
90:            Inspection Task Definition – Detailed / Special Detailed
- 91:           Module 11: Escalation and De-Escalation**  
92:            Reviews and Considerations  
93 – 95:       Operator Checks  
96:            Standard Review Process  
97:            Check Interval

**CONTINUED BELOW**



98: **Module 12: Changing Maintenance Programmes - Developing a Bridging Check - Low Utilisation Programmes**

- 99: Developing a Bridging Check  
100: Information Sources and Collection  
101 – 107: Low Utilisation Programmes

**108: Module 13: The Reliability Process**

- 109 – 113: Introduction to Aircraft Reliability Systems  
114 – 115: Elements of Probability  
116 – 118: Introduction to Aircraft Reliability Systems

**119: Module 14: Helicopter Maintenance Planning Considerations**

- 120: Rotary Wing Considerations  
121: Rotary Component Considerations  
122: Rotary Maintenance Manuals and Tasks  
123 – 125: MSG-3 in Rotary Maintenance

**126: Field Loadable Software**

- 127: EASA CM No.: EASA CM – SWCEH – 002 Issue 01  
128 – 132: Notes of FLS

**133: Module 16: Modification & Repair Status Considerations**

- 134: EASA Continuing Airworthiness Related to Aircraft Structures  
135: Aloha Incident  
136: MRB Structures Group and Corrosion Prevention and Control Programmes (CPCP)  
137: CPCP  
138: Structure Repair Manual (SRM)  
139: Repair Assessments  
140: Damage Detections

**141: Module 17: Managing Engine & Component Status “Off-Wing”**

- 142: Maintenance Programmes and “Off-wing” Components  
143: “Off-wing” Procedures  
144: “Off-wing” Company Policy  
145: Policy and Requirements of “Off-wing” Maintenance

**146: Module 18: Weight & Balance - Maintenance Planning’s Responsibility**

- 147: M.A.305 Continuing Airworthiness  
148: Weight and Balance Challenges

**Final Exam Intro**

**Final Exam**

**Estimated Duration: Approximately 3.0 Hours**



