BOSTONAIR
TECHNICAL TRAINING
EASA Pt 147 Approval EASA.147.0187

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 Assessement
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

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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: Module14: 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