

EASA Part 145 – Aviation Production Planning – 4 Days

Introduction

Whilst the responsibility for delivery of an effective Maintenance Planning process falls on the Operator the delivery of an effective Production Planning function sits firmly with the EASA Part 145 Organization. The role of the Production Planner is many and varied and can contribute to significant savings within the Part 145 Process if accomplished effectively.

Amongst the many duties include the general oversight of the facilities, general work preparation, responsive to environmental conditions, inventory control, subcontract Co-ordination, planning of safety critical tasks, managing hangar availability, man hours estimation and availability and the control of approved data.

There is much opportunity available within the Production Planning business area to deliver savings and the challenge is to identify efficient business processes that can be used to gather the data, analyze and measure the opportunities and finally to act on this.

The need for successful reporting at the beginning and throughout the maintenance check should be considered as a requirement of the highest order. Over time we gain experience on a particular aircraft type to the point where we can reasonably predict or anticipate the requirement in respect of manpower and other pre requisites which will help the pre-planning and our ability to cope with unforeseen circumstances.

The importance of Managing Competencies is considered as well as understanding the Quality Control Process in Production Planning.

What is the Benefit of this Training – What will I learn?

- a) To achieve a detailed understanding of the regulatory environment related to EASA Part 145 Production Planning
- b) Be able to explain the roles and responsibilities related to the interface between Maintenance and Production Planning.
- c) Be able to explain and promote a comprehensive understanding of the role of Production Planning in particular to include all the fundamental activities.
- d) Be able to use the regulation to proactively manage full compliance within EASA Part 145 Aircraft Maintenance Organisation (AMO) Production Planning Environment.
- e) To achieve an understanding regarding industry best practice techniques to deliver efficiencies as well as effective Production Planning.
- f) To be able to promote an understanding the Role of Safety Management Systems both within base maintenance in general as well as in the area of Production Planning particularly
- g) Understanding the various challenges which face an organisation to optimise the Production Planning Process.
- h) Identify Specific issues which are both organisational and Industry specific.

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Who is the Course for?

This 4 day intensive course is specifically designed for people with a direct involvement in Part 145 Planning functions whether in a Management Supervisory or Administrative role.

It will also be of benefit to Quality Audit Staff and persons who normally work within the Part M CAMO environment. This Training introduces the delegate to the basics of the EASA 145 Production Planning Process and considers the elements which are involved to deliver an effective Production Planning System.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- Abbreviation & Terms
- Aircraft Maintenance Planning Introduction
- Regulatory Overview
- Considering the Primary Challenges Related to the Implementation of SMS
- Managing Fatigue within a 145 Organisation
- The Basics of Production Planning – Bringing Together the Key Elements
- Contract & Subcontract Management
- Understanding the QA & QC Process in Production Planning

Day 2

- EASA Part 145 Introduction
- Understanding and Managing Competencies in a Part 145 Environment (How do we define Competence?)
- Maintenance Planning Overview
- EASA Compliant Aircraft Maintenance Program
- Understanding the generation of the Work Package-Task Packaging
- Optimizing the performance of the Part 145- Production Planning makes the difference
- Critical Path Analysis
- Accidents and Incidents the link to Safety – Human Factors and Production Planning

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Day 3

- The Role of SMS in Production Planning
- 145.A.40 Equipment, Tools and Material –How to manage and control –challenges and issues
- 145.A.42 Acceptance of Components –What are the responsibilities of the Supplies Department & What are the responsibilities of the Certifying Staff –Configuration Control & STC Issuers
- 145.A.45 Maintenance Data –How to Manage & Control Data –what are the user responsibilities, internal reporting obligations.
- 145.A.47 Production Planning Consider Roles Responsibilities and Challenges –Communication Support & Efficient Planning Processes
- 145.A.48 Performance of Maintenance –consider the development of Critical Task Inspections & How to Manage
- 145.A.50 Certification of Maintenance –Considering Group and Personal Obligations
- 145.A.55 Maintenance Records-What Constitutes Part 145 records Considering Mandatory & Organisational Retention –Obligations
- 145.A.60 Occurrence Reporting consider the role of Occurrence Reporting External and Internal – Iceberg of Ignorance
- 145.A.65 Safety and quality policy, Maintenance Procedures and Quality System –Detailed review of the role and responsibility of Independent Quality Assurance QA / and the Personal QC obligations of the employee

Day 4

- The importance of Considering AD’s SB’s and Mods
- Service Level Agreements & Optimizing the Supply Chain
- Procedures Information and Practices
- Capacity Planning
- Task Optimization vs Package Optimization
- Man-hours Planning and Estimation
- Comparison of “Block,” “Phased,” and “Equalized” check philosophy.
- Aviation Maintenance Post Check Analysis and Follow up
- Production Planning Change Management Process
- Debrief & Close

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Target Groups

All personnel with duties and/or responsibilities in the Production Planning environment. Quality Assurance Staff. Also of Interest to persons working in a CAMO or Part M Quality System.

Pre-Requisites?

General Awareness of the structure and functionality of the EASA Part 145 Process. Good understanding of EASA Part 145.A.47 an advantage.

Learning Objectives:

To provide delegates with:

A detailed understanding of the regulatory environment and consideration of the interface between Maintenance and Production Planning.

To promote a comprehensive understanding of the role of Production Planning in particular all fundamental activities.

An understanding regarding industry best practice techniques to deliver effective Production Planning.

To deliver a comprehensive understanding of best practice processes to generate efficiencies in the Maintenance Planning Process.

To promote an understanding the Role of Safety Management Systems, particularly in the area of Production Planning.

What do People Say about Sofema Aviation Services Training?

"The course exceeded my expectations."

"Everything was in appropriate timing and in good climate."

"Maximum points for the instructor's effort and explanation from me."

"The instructor provided enough room for all the questions to be asked"

"We received a lot of additional information to make things clearer."

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Duration

4 Days – Start at 09.00 and finish at 17.00 with appropriate refreshment breaks.

To register for this training, please email team@sassofia.com or Call +359 28210806



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