

PRODUCTION PLANNING & CONTROL ADVANCED TRAINING COURSE



DESCRIPTION

This course is aimed for staff of maintenance organizations and airlines that already have experience in maintenance planning and control functions. Trainees are first introduced to system approach, theory of production planning and control and systems of production control. Having acquired necessary system perspective, the trainees are then familiarized with concepts and programs of aircraft maintenance with emphasis on factors affecting performance of maintenance tasks.

Finally, the trainees will obtain practical skills in managing maintenance projects, work package, manpower planning, inventory planning, scheduling and controlling of maintenance events using pull system of production control.

COURSE CONTENT

- Introduction to systems
 - Procedural systems, regulated activity
 - Job analysis
 - Statistical thinking
 - Compound events
 - Common cause and special cause variation
 - Lead measures
 - Account-Review-Plan process
- Overview of planning and control function
 - Difference between planning and control
 - Long -, medium -, and short-term planning
 - Planning and control activities
 - Push and pull system of control
 - Use of pull system of control
- Aircraft maintenance
 - Availability, Reliability, Maintainability
 - Optimization of maintenance task interval
 - Economy of action – maintenance program
 - Life Cycle Cost
- Work instructions
 - Work package
 - Work cards
 - Analysis
 - Error prevention
- Documentation System

WHO SHOULD ATTEND

- Staff of maintenance organizations and airlines that already have experience in maintenance planning and control functions, wishing to extend their knowledge and skills for that functions.

LEARNING OBJECTIVES

- Obtain advanced skills and system knowledge required for effective management of production planning and control in aircraft maintenance.

DURATION: 5 DAYS

The training will commence at 09.00 AM and finish at 17.00

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