

## Aircraft Management Maintenance

Module of Master E.P.M.A  
European Postgraduate Master  
in Aerospace  
will open on september 2008



### Objectives

This module trains professionals to the aircraft management and aeronautic maintenance concepts. The training is focused on necessary knowledges for maintenance management dedicated for propulsion engine, structure and avionics devices according to civil aircraft regulations. The technical manufacturer's documentation will be also presented.

On completion of this module, delegates will be able to:

- Understand general aeronautic maintenance,
- Understand aeronautical safety regulation,
- Describe and analyse several maintenance concepts currently used in aeronautical maintenance procedure such as MSG3 method.

This module is design to facilitate the integration of the professionals in maintenance companies, airline maintenance services and aircraft manufacturers.

### Target Delegates

This module is intended for professionals - engineers or assistant engineers and/or managers- interested in a carrer on aeronautical maintenance engineering.

### Number of Delegates

16 maximum

### Prerequisite of the module

Only basic knowledge on electrical and mechanical technology.

### Lecturers

This module is organized by IMA a division of University Bordeaux 1 specialized on Engineering an Aeronautical Maintenance. All lecturers come from industries partners such as Airfrance Industrie, Liehberr Aerospace, AIRBUS, TAT Sogerma Services...

### Learning Methods

Courses : 16H00

Course applications : 14H00

*Program taught in English.*

### Learning Tools

Courses and applications proceedings will be given in paper and CDROM format.

### Dates

From 9th to 13th of June 2008

### Duration

5 days

### Place

University Bordeaux 1 - IMA  
rue Marcel Issartier  
33700 Mérignac

## Programme

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8H00-9H00					
9H00-10H00	Civil Aviation safety system	Technical Publications	Global support & Maintenance	MSG 3 method applied to Aircraft structure	Aircraft maintenance organisation
Break					
10H15-12H15	Civil Aviation safety system	Technical Publications	by an organisation Part 145	MSG 3 method applied to Aircraft structure	by airline
Lunch					
14H00-16H00	Civil Aviation safety system	Technical Publications	Global support & Maintenance	MSG 3 method applied to Aircraft structure	Aircraft maintenance organisation
Break					
16H15-17H15	Civil Aviation safety system	Technical Publications	by an organisation Part 145	MSG 3 method applied to Aircraft structure	by airline
17H15-17H30	Evaluation	Evaluation	Evaluation	Evaluation	Evaluation
					Debriefing session 30'

### Aeronautic maintenance (6h)

A strategic stake/ A highly competitive scope/ A field of régulation/cost, time, quality

### Documentation (6h)

Generalities/ Standards/ Formats/ Differents manuals/ Operation manuals/ Maintenance manuals/ Structural manual/ Equipment manual/ Engineering manual/ Technical document for scheduled maintenance/ AMM, CMM, IPC/ Technical document for corrective maintenance

### Global fleet support (6h)

Definition/ The 3 biggest customer's typologies/ Line maintenance/ Heavy maintenance/ Level of operator's competencies/ Typology of different check for aircraft/ Technical documentation

### MSG3 concept (6h)

MSG3 Systems/ MSG3 Structure / MSG3 zonal until to define MPD Maintenance Planning Document

### Aircraft Maintenance organization by airline (6h)

Airline responsibilities and organization/ Flight crew relations and interface / Operations support/ Reliability follow-up and improvement/ Maintenance Supply chain/ IT Systems/ Maintenance economics and MRO Market

## Certification of the module

A certificate of training is established, at the end of the module, by the Service Commun de la Formation Continue et de l'Apprentissage of the University Bordeaux 1 for each participant, on the basis of attendance sheet.

## Training fees

1 150 € net inclusive of didactical material, coffee-breaks and lunches.  
A company group discount is provided.

## Responsible of the module

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## Coordination



### ENGINEERING

**Claire ROUX**, Training Engineer

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### ENROLMENT BEFORE 23th of May

**Joelle BERTIN**, Assistant engineer

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