

# MSG-3 ADVANCED TRAINING

## AIRCRAFT MAINTENANCE PROGRAM DEVELOPMENT AND ANALYSIS METHODOLOGY

- Course times are 8 am to 4 pm (Monday to Thursday).
- Morning tea, a light lunch and afternoon tea will be provided each day.
- Course notes will be provided on the first day.
- The course has a maximum of 30 students.
- The course fee is \$4,300 per person plus 10% GST (\$4,730 GST inclusive).
- Participants will receive a course photo and certificate on completion of the course.
- Registration forms along with payments, purchase orders, and/or invoice requests must be received at QTT by **30 April 2010.**

Registration will be confirmed either on attainment of class capacity or, alternatively, one month before course start date. Further course information will be sent directly to the participants after the registration cut off date. QTT advises that attendees wait to book travel and accommodation until receipt of course confirmation letter.

Refer to the QTT website ([www.qtttraining.com.au](http://www.qtttraining.com.au)) for full terms and conditions, including cancellation and privacy policy.

# BOMBARDIER

Presented by industry experts experienced in the application of MSG-3 from Bombardier Aerospace, Canada. The course has been generically developed to ensure it is applicable to anyone who uses or wants to use MSG-3.

### **Greg Berry** (Instructor for Systems, L/HIRF and CMRs)

Bombardier Maintenance Engineering Senior Analyst, Systems, Avionics, L/HIRF and Low Utilisation Specialist.

Greg has 26 years of experience in the aviation industry covering 10 years as a Licensed Avionics Mechanic and 16 years with Bombardier Maintenance Programs.

### **Cesar Lazaro** (Instructor for Structure, Zonal and EZAP)

Bombardier Maintenance Engineering Structure Specialist.

Cesar is a professional engineer with 18 years experience as a Flight Technical Engineer and Maintenance Programs Analyst.

#### FOR FURTHER INFORMATION CONTACT:

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[www.qtttraining.com.au](http://www.qtttraining.com.au)

ABN: 56 127 766 689

**QinetiQ**

*QinetiQ Technology Training*

*presents*

# MSG-3 ADVANCED TRAINING



**Date:**

31 May - 3 June 2010

**Venue:**

Level 4, 210 Kings Way  
South Melbourne  
Victoria

Recognised for **Continuing Professional Development**  
in accordance with Engineers Australia guidelines.

## COURSE OVERVIEW

This four day course will provide the participant with an advanced understanding of the MSG-3 analysis methodology, as it applies to aircraft maintenance programs, in both new scheduled programs and revision of existing programs. This course provides a blend of presentations and workshops aimed at stimulating audience interest and involvement.

### Who should attend?

This course benefits anyone working within an MSG-3 analysis environment who require a working knowledge of the related processes in order to function both effectively and efficiently.

The audience, in particular, is targeted to:

- Operators who use an MSG-3 derived maintenance program such as Maintenance Planners, Reliability Engineers and Technical Support.
- Regulators who approve or control an MSG-3 derived maintenance program.
- Vendors, contractors and consultants who support maintenance program development.
- Supplementary Type Certificates (STC) holders, responsible to produce maintenance to support STC's.

### Learning Outcomes

On completion of this course the participant will understand the background to, need for and the scope of MSG-3 and it's related processes. They will have gained an understanding of the technical and management issues related to using MSG-3 to develop and sustain a maintenance program.

The participant will benefit professionally from the inside industry knowledge presented, and will be better equipped for their role in their respective organisations.

## COURSE OUTLINE

- MSG-3 analysis history and development.
- A detailed presentation of the different types of MSG-3 analysis and their principles.
- **Systems/Powerplant MSG-3 Analysis** such as MSI (*Maintenance Significant Items*): identifying functions, failures and causes; and inspection task selection.
- **Structures MSG-3 Analysis** such as SSI (*Structural Significant Items*): identifying accidental and environmental deterioration; interval selection; and fatigue damage assessment.
- **Zonal MSG-3 Analysis:** identifying potential zonal accidental and environmental damage; and interval selection.
- **L/HIRF (*Lightning/High Intensity Radiated Field*) MSG-3 Analysis.**
- **EZAP (*Enhanced Zonal Analysis Program*) MSG-3 Analysis.**
- A detailed presentation of the Industry Steering Committee/Maintenance Review Board/Working Groups (ISC/MRB/WG) process and their relationship to MSG-3 such as MRB reports, Policy and Procedure Handbooks, CMR's (*Certification Maintenance Requirements*) and CMCC (*Certification Maintenance Coordination Committee*) process.

In most instances topics are reinforced through different workshops using actual industry examples.

**A more detailed outline is available on request.**

**QinetiQ Technology Training**

*in association with:*

**BOMBARDIER**

## Registration Form

### MSG-3 ADVANCED TRAINING

31 May – 1 June 2010

**\$4,300+ 10% GST (\$4,730 GST Inc)**

First Name \_\_\_\_\_

Surname \_\_\_\_\_

Company/Military Group/Agency/Organisation \_\_\_\_\_

Job Title \_\_\_\_\_

Postal Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone \_\_\_\_\_

Mobile \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

**Privacy:** Your personal information may be used as follows:

- Tick if you do not want your name and email address to be included in the contact list which is provided to your fellow course participants.
- Tick if you do not want to be added to our confidential emailing list which will advise you of future QTT courses.
- Tick if you do not give permission for QTT to use your group course photo in course promotions.
- Tick if you do not give permission for QTT to give your information to its parent company QinetiQ Pty Ltd for marketing purposes.

**Form must be returned to QTT by 30 April 2010**

### METHOD OF PAYMENT

- Cheque
- Purchase Order No. \_\_\_\_\_
- Credit Card: Authorisation form available at [www.qtttraining.com.au](http://www.qtttraining.com.au) or by ringing +61 3 9694 1084. Please note a 1% surcharge applies to all card payments.
- Please Invoice: For invoice please provide name, full address and contact number.

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Email: [qtttraining@QinetiQ.com.au](mailto:qtttraining@QinetiQ.com.au)

### CANCELLATION

Should you be unable to attend, a suitable substitute is always welcome. Alternately, a refund less a \$150 administration fee will be made for cancellations received in writing prior to 30 April 2010. Refunds will not be given after 30 April 2010, however for exceptional circumstances some credit may be given towards another QTT course.