

COURSE INFORMATION

AIRCRAFT MAINTENANCE PROGRAM DEVELOPMENT, MANAGEMENT AND EVOLUTION USING MAINTENANCE STEERING GROUP-3 (MSG-3) Logic.

- **Course times: Monday to Thursday 8 am to 5 pm
Friday 8 am to noon**
- Morning snacks, coffee and water, and afternoon coffee/tea and energy breaks will be provided each day.
- Course notes will be provided during the course sessions.
- The course has a maximum of 30 students.
- The course fee is \$ 2,800 US dollars per person.
- Group discounts available:
 - Group of 3 or more save 5% per person
 - Group of 8 or more save 10% per person.
 - Register 60 days in advance to qualify for \$100.00 off the standard price.
- Participants will receive a course certificate upon completion of the course.
- Registration and invoice requests must be received by December 13, 2024.

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 cutoff date. AeroTechna advises that attendees wait to book travel and accommodations until receipt of course confirmation letter.

Refer to the AeroTechna website www.AeroTechna.com for full terms and conditions, including cancellation and privacy policy.

AeroTechna & Aeronovo

"Knowledge is not always understanding", the course has been specifically developed to bridge the gap between training and education in the discipline of aircraft maintenance programs. The course design is to ensure success for anyone who needs to understand, manage, sustain compliance with or develop maintenance programs under the current analysis process and policies for the MSG-3 and Regulatory Maintenance Review Board.

Presented by industry experts experienced in the management and application of MSG-3 and Maintenance Programs, their Development and Execution.

INSTRUCTORS:

Len Beauchemin

Position: Managing Director/Senior Advisor
Credentials - Associate Engineering, I.A. /A&P, Pilot
40 Years' Experience: – Aircraft Technical Management
30 Years' experience with MSG-3 Program
Development, Bombardier and Gulfstream.

Manny Gdalevitch

Position: Consultant/Advisor
Credentials - Bachelor Engineering, MBA, A&P
Years' Experience: 45- Manager Maintenance Engineering
Bombardier from 1989 to 2002. Instrumental in the
development of Maintenance Programs (using MSG-3) for
CRJ-200, Challenger 604, Global Express, Challenger 300.

FOR FURTHER INFORMATION CONTACT:

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AeroTechna Solutions & Aeronovo present:



AIRCRAFT MAINTENANCE PROGRAMS EDUCATION & TRAINING

Course Title:

*Maintenance Program Development,
Management and Evolution under MSG-3*

AeroTechna & Aeronovo are experienced
providers for Transport Category Aircraft
Maintenance Program Education & Training

Date: January 13 to 17, 2025

Venue: Hartsfield-Jackson Int'l Airport (KATL)
ATLANTA, GA USA

COURSE OVERVIEW

This four and a half day course will provide the participant with an understanding of Maintenance Program Management and Development under today's concepts of Risk Management and Reliability Centered Maintenance. Both aircraft certification requirements under reliability and scheduled maintenance task developed using the MSG-3 analysis methodology will be presented. New programs and revision of existing programs will be discussed and explained. This course provides a blend of presentations and workshops aimed at stimulating involvement and knowledge retention using adult learning techniques.

Who should attend?

This course will benefit anyone performing scheduled maintenance, planning scheduled maintenance, providing program quality assurance, developing maintenance programs or attempting to adjust their maintenance program.

The audience, in particular, is targeted to:

- Operators who use an MSG-3 derived maintenance program such as Maintenance Directors, Crew Chiefs, Planners, Quality Assurance, Reliability Engineers and Technical Support Specialist.
- 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

Upon completion of this course the participant will understand the historical background of maintenance program development, the need for and the scope of the MSG-3/MRB and its related processes and authority. They will have gained an understanding of the technical regulatory and management issues related to maintenance program development using MSG-3 and MRB process methodology. The participants will benefit professionally from the inside industry knowledge presented, and will be better equipped for their role in their respective organizations.

COURSE OUTLINE

- **Risk Management and Reliability Concepts.**
- **MSG-3 analysis history and development.**
- **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: inspection task.
- **Structures MSG-3 Analysis** such as SSI (Structural Significant Items): identifying accidental and environmental deterioration; interval selection; and fatigue damage assessment for both metallic and non-metallic structures.
- **Zonal MSG-3 Analysis:** identifying potential zonal accidental and environmental damage, EWIS assessment; and interval selection for both Standard and Enhanced Zonal.
- **L/HIRF (Lightning/High Intensity Radiated Field) Analysis.**
- **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.
- **CFR 91.409 and the Maintenance Planning Document/ATA Chapter 4 & 5 integration.**

Approved Training Provider for:
FAA, Transport Canada, EASA, NBAA, Air Carriers
**Certificates -Course Completion, FAA Inspection
Authorization**

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



Registration Form

AIRCRAFT MAINTENANCE PROGRAM
DEVELOPMENT AND ANALYSIS METHODOLOGY

First Name

Last Name

Company/Military Group/Agency/Organization

Job Title

Postal Address

Email

Phone Mobile

**Form must be returned to AeroTechna
1720 Mars Hill Rd Suite 8-271, Acworth, GA 30101
or email before the following date: December 13, 2024**

PRIVACY POLICY: We respect your privacy and will not sell or provide your information to anyone outside of AeroTechna or Aeronovo.

METHOD OF PAYMENT

CHECK: Please send check payable to AeroTechna Solutions LLC
CREDIT CARD: Please contact AeroTechna Solutions for Credit Card PayPal Invoice. Please note a 3% surcharge applies to all card payments.
INVOICE: For invoice please provide name, full address and contact number.

CONTACT: Claire Beauchemin

Cell: +1(585) 734-3432

Email: ctbeauchemin@aerotechna.com

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: December 13, 2024

Refunds will not be given after: December 13, 2024