

Enhanced Zonal Analysis Procedure (EZAP) Practical Considerations – 1 Day

Introduction

In 1997 a White House commission requested FAA to expand their Aging Aircraft Program to include systems.

FAA issued an Aging Systems Plan focussing, initially, on wiring systems. The Aging Transport Systems Rulemaking Advisory Committee (ATSRAC) was formed to provide FAA with advice and recommendations.

The primary role of the process we know as EZAP is designed to ensure appropriate attention is given to aircraft electrical wiring installations.

This is achieved by providing a means to identify “applicable” and “effective” tasks to minimize accumulation of combustible materials and address wiring installation discrepancies that may not otherwise be reliably detected by inspections contained in existing maintenance programs.

This 1 day course considers all elements which together deliver an effective understanding of the process for meeting regulatory compliance.

Who is this course for?

The course is beneficial for persons requiring a comprehensive understanding of MSG-3 EWIS / HIRF EZAP process. In particular for those persons responsible for Zonal Inspection and General Assessment of Wiring system integrity. The course will also be beneficial to persons working within a CAMO environment for example Reliability engineering, Maintenance Program Management and Quality Audit Staff.

What Makes SAS Enhanced Zonal Analysis Procedure (EZAP) Practical Considerations – 1 Day different?

Because our courses are written by people who have lived through the regulations. The author of the training material has more than 25 years’ experience as an auditor across the entire regulatory spectrum.

At Sofema Aviation Services our focus is on accepting that compliance with Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should see opportunity to drive efficiencies and cost saving.

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Date

Category

Personal Development

Venue

Level

Price

Why Should I choose SAS for the training?

Sofema Aviation Services is a Regulatory Training and Consulting company with 45 years of commercial aviation experience and 10 years operational experience. Since the start we have provided certificates to approx 25,000 delegates and we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers.

The second reason is a combination of outstanding course fees, together with a world beating discount program which leaves our competitors way behind – please do not take our word for it, [check it out!](#)

Detailed Content / Topics - The following Subjects will be addressed

- Aging Transport System Rulemaking Advisory Committee (ATSRAC) Rulemaking Developments – Electrical Wiring Interconnect Systems
- Regulatory Background Drivers Enhanced Airworthiness Program for Airplane Systems/Fuel Tank Safety (EAPAS/FTS) rule, electrical wiring interconnection systems (EWIS)
- Regulatory Development of Enhanced Zonal Analysis Procedures (EZAP)
- The role of the Maintenance Review Board MRB – MSG 3 processes
- Features and Benefits of MSG-3
- MSG-3 Analysis Methodology including EWIS / HIRF
- Inspection of Electrical Wiring Interconnect Systems EWIS
- EZAP initial Assessment Process including Consideration of STC and Mods
- Development of EZAP-derived EWIS ICA in accordance with FAR 25 / CS 25
- Considering the Role of Stand Alone General Visual Inspections (GVI) and Human Factors Considerations
- EZAP exercise using supplied worksheets

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Target Groups

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Pre-Requisites?

A background in an aviation maintenance will be a distinct advantage however the course is stand alone.

Learning Objectives

This course aims to provide the participants with an in depth understanding of the EZAP Process and how to perform EZAP analysis

Duration

1 day – The training will start at 09.00 and finish at 17.00, with appropriate refreshment breaks.

Sofema Aviation Services offers a flexible approach to developing all in-company training courses which are specific to the client's needs. If you would like additional information concerning how course content may be configured to be more appropriate for your organisation please email office@sassofia.com

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



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