

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 focusing, 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 the course for?

The Enhanced Zonal Analysis Procedure (EZAP) Practical Considerations - 1 Day training is designed for professionals who are involved in the design, implementation, and operation of Enhanced Zonal Analysis Procedures (EZAP) for aircraft noise abatement. This may include airport noise officers, aircraft noise consultants, airport planners, engineers, and other aviation industry professionals.

The training is also suitable for individuals who are interested in learning about EZAP and aircraft noise abatement, including government officials, regulators, and community representatives who are involved in airport noise management and abatement programs.

Overall, the EZAP training program is designed for anyone who wants to gain a better understanding of EZAP and its practical considerations for managing aircraft noise impacts around airports.

tel + 359 2 821 08 06
email team@sassofia.com

www.sassofia.com

Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

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

What is the Benefit of this Training – What will I learn?

The training program helps participants gain a thorough understanding of EZAP and its practical considerations for managing aircraft noise impacts around airports. By gaining a deeper knowledge of EZAP and its associated processes, participants can make more informed decisions about aircraft noise abatement strategies and measures. Many aviation authorities require airports to have a noise management program in place, which includes the use of EZAP or other similar procedures. This training can help airports meet regulatory requirements and maintain compliance. The training provides participants with new skills and knowledge, which can enhance their professional development and career prospects within the aviation industry.

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Learning Objectives

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

Target Groups

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.

Pre-requisites

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

What do People Say about Sofema Aviation Services Training?

"I found satisfying answers to all my questions."
"The instructor demonstrated very deep knowledge of the subject."
"The length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

1 day – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.
To register for this training, please email team@sassofia.com or Call +359 28210806

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