

# Human Factors in Aviation – 1 Day Introduction for Manager and Executives

## Introduction

Aviation is a people business and people have the potential to commit errors. The challenge is to understand and manage this exposure in the best possible way.

Our industry requires the strongest possible system to manage human performance throughout the business. Sofema Aviation Services maintains a firm belief in a top-down management-driven approach to an effective organisation safety culture which together with an effective change management process will support the reduction in HF exposure and deliver increased efficiency as well as help to reduce cost.

We need to understand the challenges we face related to Human Factors in our aviation system is fundamental to the effective performance of the organisation.

Considering the need for an Organisational Wide Human Factors program as a key component of an effective Safety Management System will add value to the business processes throughout the organisation. Successful adoption will serve to reduce the rate of incidents and accidents within the workplace.

Without doubt, it is worthwhile for all employees to have a strong understanding of both Human Factors and the various human performance limitations which may impact our operation daily. Providing an Awareness of the potential Human Factors exposures allows us to engage with the various mitigation opportunities to lower the risk.

Please Note this course is a general Human Factors in Aviation course and is not intended to meet the requirements of EASA Part 145.A.30 human factor requirements for Maintenance Staff.

## Who is the course for?

All personnel with duties and/or responsibilities in the Aviation System, Senior Manager and Executives, Airline Ops Staff, Quality Assurance Staff.

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<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	
<b>Price</b>	On Demand

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

- a) Understand the human factors exposures which can impact operations;
- b) To develop a self-awareness regarding HF exposures in the work place;
- c) Ability to connect into your organisations process & procedures and to be willing to recommend changes which can reduce human error;
- d) To understand the importance of Communication and Team Behaviour;
- e) Increase efficiency by decreasing operational disruptions;
- f) To effectively manage processes to impact human factors behaviour in a positive way.
- g) Reduction of issues related to incidents accidents and other exposures
- h) Develop a Safe attitude and behaviour related to Human Factors Vest Practice Behaviour

## Detailed Content / Topics – The following Subjects will be addressed

- Introduction - The connection between Human Factors, Incidents and Accidents,
- Error models & Theories, Types of Error, Implications of Errors (i.e. Accidents), Avoiding & Managing Errors
- Considering Human Performance & Limitations including Vision, Hearing, Information Processing, Claustrophobia, Physical Access and Fear of Heights

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## Detailed Content / Topics - The following Subjects will be addressed

- Factors Affecting Performance: Fitness & Health, Stress Time Pressure & Deadlines, Workload – Overload and Underload, Sleep, Fatigue and Shift Work, Alcohol, Medication & Drug Abuse
- Social Psychology: The Social Environment, Responsibility: Individual & Group, Motivation, Peer Pressure, Culture Issues, Team Working, Management, Supervision & Leadership,
- Physical Environment: Noise, Fumes, Illumination, Climate and Temperature, Motion & Vibration, Confined Spaces, Working Environment
- Work Place Exposures Physical Work, Repetitive Tasks, Visual Inspection, Complex Systems
- Communication: Within & Between Teams,
- Considering Hazards in the Workplace: Recognising & Avoiding Hazards

## Target groups

The course offered by Sofema Aviation Services is primarily targeted towards managers and executives in the aviation industry. This includes senior management, operations managers, safety managers and compliance managers.

## Pre-requisites

A background in an aviation environment.

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## Learning Objectives

By the end of this course, delegates will be able to explore the implications of error, the organisation's safety culture, its procedures and safety policy and methods of communication. The training will give the delegates a better understanding of the subject and to find workable methods to improve standards and compliance.

## What do People Say about Sofema Aviation Services Training?

*"The instructor used the right words to explain the material."*  
*"The discussions among the group were very beneficial."*  
*"The instructor showed very resourceful background and experience."*  
*"All sections of the course were related to my field."*  
*"Adequate answers were given to specific questions."*

## Duration

1 Day – To commence at 09.00 and finish at 17.00, with appropriate refreshment breaks.

To register for this training, please email [team@sassofia.com](mailto:team@sassofia.com) or Call +359 28210806



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