



**AEROTEAM**  
Training Solutions



# MAYDAY

– The Key to Active Learning

Where humans work, errors occur. That is a fact. But it immediately begs the question: How do we prevent or limit errors to ensure a safe operational environment?

The answer to that question is MAYDAY.

MAYDAY is a concept which introduces a new training standard emphasizing Active Learning. By relying on Active Learning, the staff becomes motivated to enhance safety and gains a better understanding of the effects of their mindset, behaviour, and attitude in the maintenance environment. Active Learning also enhances non-technical skills such as:

- Decision-making
- Teamwork
- Interpersonal communication
- Situational awareness
- Leadership
- Threat and Error Management

The built-in safety surveys could serve as a management report addressing different organisational issues or challenges that may not be known or visible to your organisation, enabling you to change procedures and practices accordingly.

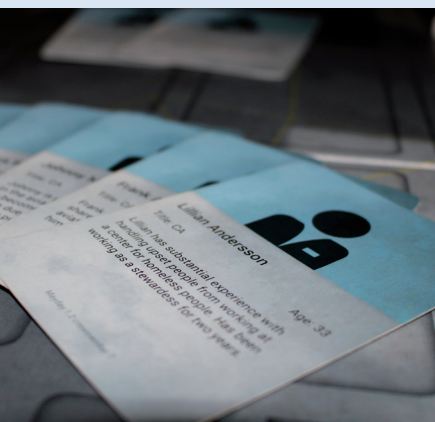
# ABOUT THE GAME

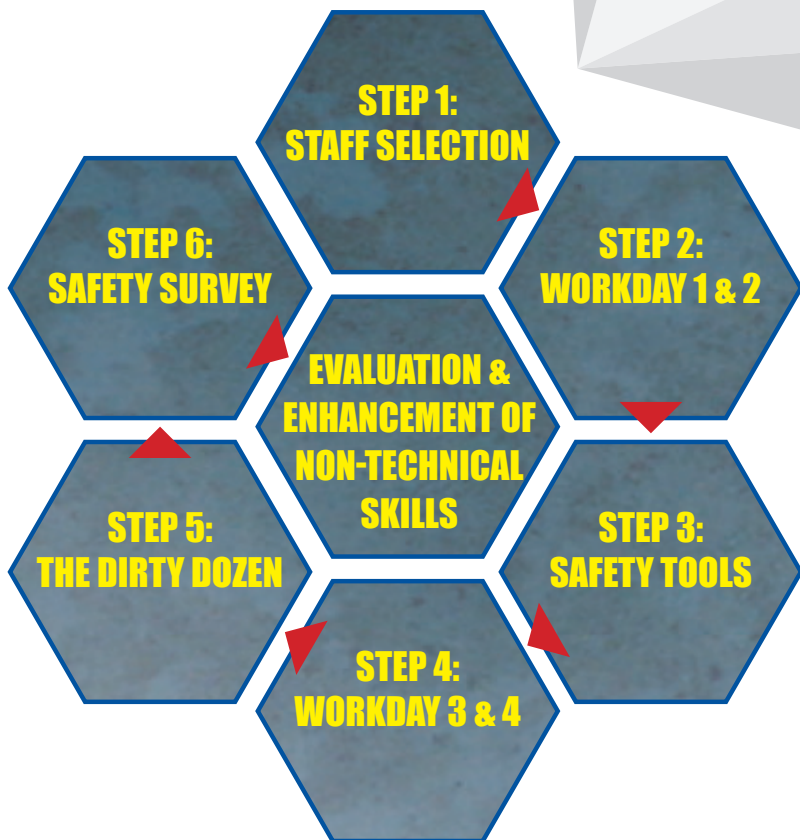
The MAYDAY Safety Training for Maintenance is an interactive learning tool developed for Human Factors Training of maintenance staff.

The participants select and operate as maintenance staff during a busy 4-day work week. During those days, the staff encounters different challenges and dilemmas they would normally face in the maintenance environment. Their main task is to discuss these challenges and find a solution together. However, their decisions will inevitably affect the following challenges, dilemmas, and the outcome of the game.

The learning concept incorporates TIME, RISK and COST to emphasize that aviation is inarguably an expensive and high-risk occupation. In the game, it means that no matter which problems you encounter and how you resolve them, it will manifest as increased time, cost and/or risk.

The game requires a facilitator, who initiates the different phases, monitors the process, and provides evaluation of the performance of the players. In turn, your organisation receives valid feedback which enables you to resolve complicated or dangerous safety-related tasks in your operational environment.





### **1. STAFF SELECTION**

The players discuss and reflect on behaviours and personalities before selecting the staff.

### **2. WORKDAY 1 & 2**

The staff faces four tasks each day. As a team, they make decisions and compromises.

### **3. SAFETY TOOLS**

The staff selects safety tools and discusses their usage in your organisation with the purpose of improving safety in the maintenance environment.

### **4. WORKDAY 3 & 4**

The staff faces four tasks each day. As a team, they make decisions and compromises.

### **5. THE DIRTY DOZEN**

The staff reflects on 12 factors which affected their behaviour and attitude during the game.

### **6. SAFETY SURVEY**

The staff discusses problems and possible solutions. You receive valid feedback to improve safety within your organisation.

*Note that the MAYDAY Safety Training Concept complies with current EASA and FAA legislation.*

## MAYDAY: SIMPLE SIMULATIONS OF COMPLEX SITUATIONS

Humans will inevitably make mistakes. Mistakes are human. Sometimes, mistakes turn into our greatest strengths or an ingenious idea. But in aviation, human error can have a fatal outcome. Therefore, we must understand why these errors occur, so we can limit the risks or even prevent them.

By introducing the MAYDAY concept and the use of Active Learning, we add value to your safety training in many aspects, as it:

- Contributes to changes in behaviour, attitude, and mindset
- Enhances non-technical skills (e.g. teamwork, decisionmaking, and communication)
- Prepares the crew or staff to manage threats and errors
- Alters your perception of training
- Provides a high learning outcome by motivating the players and encouraging fun
- Is cost-effective
- Incorporates SMS into training
- Complies with EASA and FAA legislation

In essence, Active Learning is the key to efficient safety training.

An important question remains: Are you ready to take safety to the next level in your organisation?

## AEROTEAM Training Solutions

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