







## HUMAN FACTORS

Reference: SAFE-003-0322

 <p><b>Awarded Qualification</b> « Human and Organisational Factors » Certificate</p>	 <p><b>Length</b> 4,5 days</p>	 <p><b>Language</b> English</p>	 <p><b>Location</b> France Paris</p>
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## # OBJECTIVES

- To be familiarised with human sciences applicable to the aviation activities.
- To have individual and collective capabilities, limitations, flaws and errors Knowledge.
- To be able to detect and control their frequency and their impact on safety.
- To be able to measure the role of organisational factors in incidents.

## # AUDIENCE & PREREQUISITES

All civilian and military managers and executives of the aviation system, and particularly staff personnel involved in the prevention and investigation of aircraft accidents or incidents.

Multinational course, English intermediate level (B1/B2).

HF module can be usefully complemented by the Fatigue Risk Management System course.

Duration : 4,5 days - 27 hours

## # COURSE CONTENT

- Human performance: scope of the human factors within complex socio-technical systems, intellectual mode of operation (memory, schemes, representations, expertise, workload), physiological and psycho-sociological aspects (behavior, personality, emotions, stress), major factors affecting the intellectual work.
  - Improving human performance: individual and organisational methods, automation (advantages and drawbacks).
  - Situation awareness and decision making process.
  - Teamwork, co-activity, coordination, cooperation and communication.
  - Organisational Factors in aviation occurrences.
  - The role of safety culture in safety performance.
  - Biases in the sociology of organisations.
  - Management of vigilance and fatigue, particularly in long-range flights.
- HOF module can be usefully complemented by the Fatigue Risk Management System course.