



# Course Outline

Human Factors			
<p>EVAS' Human Factors courses are offered as one-day initial for small AMOs (such as GA 'A'-rated AMOs or 'B' and 'C' rated AMOs), two-day initial courses for large base and line 'A'- rated AMOs; and one-day refresher course forming part of continuation training. The Part 145 AMO is responsible for determining the most suitable course.</p> <p>EVAS would benefit from reviewing customers' MOEs or equivalent manuals to determine the organisations Scope of Work and organisational practices.</p>			
Course Outline			
GM 145.A.30 reference (some combined and adapted). Some may not be applicable to your organisation.	One-Day Initial	Two-Day Initial	Refresher
Addressing Human Factors	Level 1	Level 2	Level 1
Statistics & incidents	Level 1	Level 2	Level 1
Error models and theories	Level 1	Level 2	Level 1
Types of errors	Level 2	Level 3	Level 1
Violations	Level 2	Level 3	Level 1
Implications of errors	Level 2	Level 3	Level 1
Avoiding/managing errors & error provoking behaviour	Level 2	Level 3	Level 1
Human reliability	Level 2	Level 2	Level 1
Vision/hearing	Level 2	Level 2	Level 1
Information processing	Level 2	Level 2	Level 1
Attention and perception	Level 2	Level 2	Level 1
Situation awareness	Level 2	Level 2	Level 1
Memory	Level 2	Level 2	Level 1
Claustrophobia and physical access	Level 2	Level 2	Level 1
Motivation	Level 2	Level 3	Level 1
Fitness, health, fatigue & stress	Level 2	Level 3	Level 1
Managing workload	Level 2	Level 3	Level 1
Physical work	Level 2	Level 3	Level 1
Repetitive tasks & complacency	Level 2	Level 3	Level 1
Peer pressure, stressors, time pressure & deadlines	Level 2	Level 3	Level 1
Workload & labour resources	Level 2	Level 3	Level 1
Shift work	Level 2	Level 2	Level 1
Noise, fumes, climate & illumination (environment)	Level 2	Level 2	Level 1
Motion & vibration	Level 2	Level 2	Level 1
Complex systems	Level 2	Level 2	Level 1
Hazards	Level 2	Level 2	Level 1
Distractions and interruptions	Level 2	Level 3	Level 1
Visual inspection	Level 3	Level 3	Level 1
Recording work, task & shift handover	Level 3	Level 3	Level 1
Procedures, adhering to & mismatch	Level 3	Level 3	Level 1
Technical documentation and dissemination of information	Level 3	Level 3	Level 1
Corporate and personnel culture	Level 2	Level 2	Level 1
Teamwork & responsibility	Level 3	Level 3	Level 1
Management, supervision & leadership	Level 3	Level 3	Level 1
Decision making & assertiveness	Level 3	Level 3	Level 1
Training & currency	Level 3	Level 3	Level 1
Internal & external occurrence reporting	Level 3	Level 3	Level 1
Error investigation and corrective action	Level 3	Level 3	Level 1
Feedback	Level 3	Level 3	Level 1
Disciplinary culture	Level 3	Level 3	Level 1
<b>Notes:</b>			
<ol style="list-style-type: none"> <li>Levels are for guidance only and are based loosely on Bloom's Levels of Learning* but the type of organisation may determine a different level case by case.</li> <li>We strive to make HF classes forum for discussion and welcome comments &amp; experiences.</li> <li>Human Factors is one part of an organisation's continuation training. Continuation training also includes company and type specific updates.</li> </ol>			
*Bloom, Hastings, Madus, Taxonomy of Educational Objectives, Handbook 1. NY, MCay, 1956			