

**Annex A to AMC/GM Part 147 - Module 9 Human factors**

<b>CASA module Examinations subjects</b>	<b>CASA mech basics exams equavelant</b>	<b>CASA avionic basics exams equavelant</b>
<b>Module 9 Human factors (B1 &amp; B2)</b>		
<b>9.1 General</b>		
The need to take human factors into account;	Nil	Nil
Incidents attributable to human factors and human error;	Nil	Nil
“Murphy’s” law.	Nil	Nil
<b>9.2 Human performance and limitations</b>		
Vision;	Nil	Nil
Hearing;	Nil	Nil
Information processing;	Nil	Nil
Attention and perception;	Nil	Nil
Memory;	Nil	Nil
Claustrophobia and physical access.	Nil	Nil
<b>9.3 Social psychology</b>		
Responsibility: individual and group;	Nil	Nil
Motivation and de-motivation;	Nil	Nil
Peer pressure;	Nil	Nil
Culture issues;	Nil	Nil
Team working;	Nil	Nil
Management, supervision and leadership.	Nil	Nil
<b>9.4 Factors affecting performance</b>		
Fitness and health;	Nil	Nil
Stress: domestic and work related;	Nil	Nil
Time pressure and deadlines;	Nil	Nil
Workload: overload and underload;	Nil	Nil
Sleep and fatigue, shiftwork;	Nil	Nil
Alcohol, medication, drug abuse.	Nil	Nil
<b>9.5 Physical environment</b>		
Noise and fumes;	Nil	Nil
Illumination;	Nil	Nil
Climate and temperature;	Nil	Nil
Motion and vibration;	Nil	Nil
Working environment.	Nil	Nil
<b>9.6 Tasks</b>		
Physical work;	Nil	Nil
Repetitive tasks;	Nil	Nil
Visual inspection;	Nil	Nil
Complex systems.	Nil	Nil
<b>9.7 Communication</b>		
Within and between teams;	Nil	Nil
Work logging and recording;	Nil	Nil
Keeping up-to-date, currency;	Nil	Nil
Dissemination of information.	Nil	Nil
<b>9.8 Human error</b>		
Error models and theories;	Nil	Nil
Types of error in maintenance tasks;	Nil	Nil
Implications of errors (i.e. accidents);	Nil	Nil

Avoiding and managing errors.	Nil	Nil
<b>9.9 Hazards in the workplace</b>		
Recognising and avoiding hazards;	Nil	Nil
Dealing with emergencies.	Nil	Nil