

Test Hazard Analysis Worksheet																																									
Test Title: <p style="text-align: center; margin: 0;">Autopilot</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th colspan="5" style="text-align: center;">Subjective Probability of Occurrence</th> </tr> <tr> <th style="text-align: center;">Hazard Category</th> <th style="text-align: center;">high</th> <th style="text-align: center;">probable</th> <th style="text-align: center;">uncertain</th> <th style="text-align: center;">remote</th> <th style="text-align: center;">improbable</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">catastrophic</td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc;"></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">critical</td> <td style="background-color: #cccccc; text-align: center; vertical-align: middle;">High</td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc; text-align: center; vertical-align: middle;">Medium</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">marginal</td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc;"></td> <td style="text-align: center; vertical-align: middle;">Low</td> <td></td> </tr> <tr> <td style="text-align: center;">negligible</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Subjective Probability of Occurrence					Hazard Category	high	probable	uncertain	remote	improbable	catastrophic						critical	High		Medium			marginal				Low		negligible					
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Aircraft/System:																																									
Hazard: Aircraft impacts the ground																																									
Cause: Autopilot fails catastrophically and pitches aircraft down violently																																									
Effect: Loss of aircraft/aircrew																																									
Minimizing Procedures: <ol style="list-style-type: none"> 1. Autopilot will not be engaged or allowed to be engaged below 100' AGL 2. Be aware of circuit breaker position to allow for immediate power removal in case autopilot fails to disengage 3. Below 500' AGL a crewmember's hands will be on the controls 																																									
Emergency Procedures:																																									
Risk Level (after minimizing procedures taken into account): <p style="text-align: center; margin: 0;">High ____ Medium ____ Low <u>X</u></p>																																									