

Test Hazard Analysis Worksheet																																					
Test Title: Low L/D Demonstration	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 15%; text-align: left; padding: 5px;">Hazard Category</th> <th colspan="5" style="text-align: center; padding: 5px;">Subjective Probability of Occurrence</th> </tr> <tr> <th style="width: 15%; text-align: center; padding: 5px;">high</th> <th style="width: 15%; text-align: center; padding: 5px;">probable</th> <th style="width: 15%; text-align: center; padding: 5px;">uncertain</th> <th style="width: 15%; text-align: center; padding: 5px;">remote</th> <th style="width: 15%; text-align: center; padding: 5px;">improbable</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">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="padding: 5px;">critical</td> <td colspan="2" style="text-align: center; background-color: #cccccc;">High</td> <td colspan="3" rowspan="2" style="text-align: center; background-color: #cccccc;">Medium</td> </tr> <tr> <td style="padding: 5px;">marginal</td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td style="padding: 5px;">negligible</td> <td></td> <td></td> <td></td> <td colspan="2" style="text-align: center; background-color: #cccccc;">Low</td> </tr> </tbody> </table>					Hazard Category	Subjective Probability of Occurrence					high	probable	uncertain	remote	improbable	catastrophic						critical	High		Medium			marginal			negligible				Low	
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Aircraft/System: PA-28 Cherokee																																					
Hazard: Hard Landing																																					
Cause: 1. Target fixation 2. Improper Spoiler deflection 3. Excessive sink rate																																					
Effect: Damage to aircraft																																					
Minimizing Procedures: 1. (2,3) Spoilers are to be limited to idle position (42°) or less below 100 ft AGL 2. (3) Use of full flaps and DLC spoilers at the same time is prohibited. 3. (3) Perform waveoffs from high descent rates/descent angles. 4. (2,3) IP will keep his hand behind the throttles to ensure that the throttle and spoilers are not retarded/deployed close to the ground at low airspeed.																																					
Emergency Procedures: If damage occurs, stop on runway and egress aircraft.																																					
Risk Level (after minimizing procedures taken into account): High ____ Medium ____ Low <u>X</u>																																					