

Test Hazard Analysis Worksheet																																			
Test Title: Ground Course/Tower Flyby	<p style="text-align: center;">Subjective Probability of Occurrence</p> <table border="1"> <thead> <tr> <th style="text-align: left;">Hazard Category</th> <th>high</th> <th>probable</th> <th>uncertain</th> <th>remote</th> <th>improbable</th> </tr> </thead> <tbody> <tr> <td>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>critical</td> <td style="background-color: #cccccc; text-align: center;">High</td> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc; text-align: center;">Medium</td> <td></td> <td></td> </tr> <tr> <td>marginal</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>negligible</td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc; text-align: center;">Low</td> <td></td> </tr> </tbody> </table>					Hazard Category	high	probable	uncertain	remote	improbable	catastrophic						critical	High		Medium			marginal						negligible				Low	
Hazard Category	high	probable	uncertain	remote	improbable																														
catastrophic																																			
critical	High		Medium																																
marginal																																			
negligible				Low																															
Aircraft/System:																																			
Hazard: Impact with ground																																			
Cause: 1. Inattention to altitude or airspeed 2. Visual illusion/misjudgement 3. Task saturation																																			
Effect: Death - destruction/damage to aircraft																																			
Minimizing Procedures: 1. (1,2,3) Plan ground run course 150 feet above elevation of the north end of the run. 2. (1,2,3) Do not get distracted by tower calls or traffic. Ensure one occupant is always watching altitude. 3. (1,2) Pull up at end of each data run prior to initiating any turn or to change aircraft configuration. 4. (1,2) All tower flyby patterns will be flown so as to roll out on final no lower than 100 feet AGL. Let down to tower flyby altitude (Approx 34 ft) will be done wings level over RW 26/08 centerline. 5. (2) Visual techniques to aid in achieving level flight on final will be briefed for each sortie. 6. (1) Fly no slower then $1.3 V_{s1}$ on both the ground course and tower flyby.																																			
Emergency Procedures: If the aircraft impacts the ground but remains airborne, climb to 5000 feet MSL and perform a controllability check. Do not change configuration once the controllability check is complete and land as soon as practical.																																			
Risk Level (after minimizing procedures taken into account): High _____ Medium _____ Low <u> X </u>																																			