

Test Hazard Analysis Worksheet					
Test Title: Spin Chase	Hazard Category	Subjective Probability of Occurrence			
		high	probable	uncertain	remote improbable
Aircraft/System:	catastrophical				XXX
	critical	High		Medium	
	marginal				
	negligible				LOW
Hazard: 1) Mid-air collision 2) Aircraft departs from controlled flight 3) Chase aircraft exceeds published speed for a given configuration					
Cause: 1) Failure to maintain proper aircraft separation 2) Test aircraft performs unexpected maneuver 3) Chase aircraft airspeed allowed to decay below V_s or climb above V_{ne} in an attempt to					
Effect: 1) Aircraft damage 2) Loss of Aircraft 3) Loss of aircrew					
Minimizing Procedures: 1) Expected test aircraft characteristics will be thoroughly briefed to chase crew 2) Chase aircraft will ensure safe separation (vertical and/or horizontal) to test aircraft 3) Chase aircraft airspeed will be closely monitored at all times 4) Test aircraft will count down airspeed in 5 knot increments to V_s 5) V_s and V_{ne} will be compared between test and chase aircraft to assess difference margins/compatibility 6) Chase crew will be completely familiar with the flight manual stall/spin recovery procedures 7) If Chase loses sight he will call "Blind" and immediately establish altitude separation					
Emergency Procedures: 1) In case of a midair, or exceeding the published speed for a given configuration, each aircraft will not change configurations and will complete a controllability check prior to landing. 2) In case of a stall, instructor will assume aircraft control and execute published stall					
Risk Level (after minimizing procedures taken into account): High ____ Medium ____ Low <u> X </u>					