

Test Hazard Analysis Worksheet					
Test Title: Captive Compatability Demo	Hazard Category catastrophic critical marginal negligible	Subjective Probability of Occurrence high probable uncertain remote improbable			
Aircraft/System: MB-326 Impala					
		High		Medium	
					Low
Hazard: Exceeding structural load capacity					
Cause: Overshooting intended g's during wind up turns or during loaded rolls Steady heading sideslips at high dynamic pressures					
Effect: Aircraft damage or loss Death or injury to aircrew					
Minimizing Procedures: For the demonstration sortie, use NTPS load factor limits which are lower than the AFM and thus provide a margin of safety without significantly compromising training: AFM with Mk82: +6/NE symmetric, +3/NE rolling (NE = not established) NTPS w/ Mk82: +4/-1 symmetric, +2/0 rolling Maximum speed for full deflection rudder will be 200 kts for this demonstration sortie. For speeds above 200 kts, students may use up to 1/4 rudder to evaluate lateral and directional static stability.					
Emergency Procedures: If structural problems are suspected, do a controllability check at altitude and then plan a straight in landing with no flaps to minimize transients and configuration changes.					
Risk Level (after minimizing procedures taken into account): High ____ Medium ____ Low <u>X</u>					