STEEP TURNS	Clean Configuration
Setup	1. Straight and level, auto pilot on, throttles near idle.
Configuration - Clean	2. Auto pilot attempts to hold altitude and inadvertently pulls the aircraft
Mixtures - FULL RICH	into a stall.
Throttles - 20"	3. Disconnect the autopilot and recover.
	Partial Flap Configuration
Props - 2500 RPM	
Procedure	1. Flaps half, gear up, simulating a missed approach just after the gear has
1. Clearing Turn	come up.
2. Instrument Check (Temps / Oil / Vacuum)	2. Command a left or right turn with the autopilot and a climb with full
3. Set Heading Bug on entry heading	power.
4. Verify airspeed below 149 MPH (V <sub>A</sub> )	3. As the auto pilot performs the climbing turn, pull the power back to
5. Bank to 45° while maintaining altitude	simulate a power reduction for speed without paying attention.
6. Trim as required to maintain altitude in turn	4. Although you have gone to near idle, the autopilot continues to try and
7. Throttles as required to maintain airspeed within 10 knots (12 MPH)	climb and turn, again inadvertently stalling the airplane.
8. Reverse after 180 or 360 degrees of turn	5. Disconnect the autopilot and recover.
8. Neverse after 100 of 500 degrees of turn	6. Emphasize reducing angle of attack and staying in the turn to allow
SLOW FLIGHT (PRIVATE/COMMERCIAL)	positive G on the airplane vice an aggressive wings level push over.
Setup	Lading Configuration
Mixtures - FULL RICH	1. Full flaps, gear down, full dirty configuration.
Props - 2500 RPM	2. Auto pilot on, reduce power to idle and watch the auto pilot pull the
Configuration - GEAR DOWN / FLAPS FULL	aircraft into a stall.
Procedure	3. Disconnect the auto pilot and recover.
1. Clearing Turn	
2. Instrument Check (Temps / Oil / Vacuum)	V <sub>MC</sub> DEMO (PRIVATE/COMMERCIAL)
3. Set Heading Bug on entry heading	Setup
4. Configure (Gear DOWN / FLAPS FULL)	Altitude - 5,000 FEET AGL
	Configuration - Clean
5. Slow to just above stall light while maintaining altitude	
6. Execute maneuvers as directed	Mixtures - FULL RICH
7. Recover while maintaining altitude	Airspeed - 110 MPH
Throttles - FULL OPEN	Props - HIGH RPM (LOW PITCH)
Flaps - 1/2	Procedure
Gear - UP	1. Clearing Turn
Flaps - UP	2. Instrument Check (Temps / Oil / Vacuum)
	<ol><li>Note entry heading with heading bug</li></ol>
STALLS (PRIVATE/COMMERCIAL)	4. Left Throttle - Idle
Setup	5. Maintain heading and altitude
Mixtures - FULL RICH	6. Right Throttle - Full Power
Props - 2500 RPM	7. Stabilize at 107 MPH on heading and altitude
Procedure	8. Set a Pitch Attitude that will enable a 1 knot Decrease per Second
Clearing Turn	9. Recover after reaching full rudder deflection or stall horn (whichever
Instrument Check (Temps / Oil / Vacuum)	occurs first)
Power Off (Gear Down / Flaps Down)	Recovery
1. Decelerate at idle	Reduce power on operative engine and lower nose
	Maintain directional control (heading)
2. Maintain altitude with pitch	Full Power with RIGHT THROTTLE
3. Recover	Stabilize level at 107 MPH then match throttles
Power On (Gear Up / Flaps Up)	
1. Decelerate to 100 MPH	
2. Throttles - 20-23" MP	DRAG DEMO (MEI)
3. Increase AOA until buffet or stall light (not to exceed 20° Nose UP)	Setup
4. Recover	Configuration - CLEAN
Accelerated (Gear Up / Flaps Up) - COMMERCIAL ONLY	Altitude - 5,000 FEET AGL Airspeed - 110 MPH
1. Slow and maintain 120 MPH	Procedure
2. Establish 45° AOB while maintaining altitude	1. Clearing Turn
3. Rapidly increase AOA until buffet or stall light (whichever occurs first)	2. GUMPF check
4. Recover	3. Note entry heading with heading bug
	4. Left Engine - Set Simulated Feather
Recovery	Left Throttle - 10" MP
Lower Nose and Add Full Power	Left Prop 2200 RPM
	6. Right Throttle - Full Power
Level Wings (Rudder then Ailerons)	
Level Wings (Rudder then Ailerons)	7. Maintain 107 MPH
Pitch - 5-10° Nose UP	8. Change configurations as follows noting the vertical speed when stable at 107 MPH
Pitch - 5-10° Nose UP Flaps - 1/2 (if extended)	8. Change configurations as follows noting the vertical speed when stable at 107 MPH A. Landing Gear DOWN
Pitch - 5-10° Nose UP Flaps - 1/2 (if extended) Positive Rate of Climb (Altimeter & VSI) - Gear UP	<ul> <li>8. Change configurations as follows noting the vertical speed when stable at 107 MPH</li> <li>A. Landing Gear DOWN</li> <li>B. Landing Gear UP Flaps DOWN</li> </ul>
Pitch - 5-10° Nose UP Flaps - 1/2 (if extended)	8. Change configurations as follows noting the vertical speed when stable at 107 MPH A. Landing Gear DOWN B. Landing Gear UP Flaps DOWN C. Landing Gear DOWN & Flaps DOWN
Pitch - 5-10° Nose UP Flaps - 1/2 (if extended) Positive Rate of Climb (Altimeter & VSI) - Gear UP	<ul> <li>8. Change configurations as follows noting the vertical speed when stable at 107 MPH</li> <li>A. Landing Gear DOWN</li> <li>B. Landing Gear UP Flaps DOWN</li> </ul>
Pitch - 5-10° Nose UP Flaps - 1/2 (if extended) Positive Rate of Climb (Altimeter & VSI) - Gear UP	8. Change configurations as follows noting the vertical speed when stable at 107 MPH A. Landing Gear DOWN B. Landing Gear UP Flaps DOWN C. Landing Gear DOWN & Flaps DOWN
Pitch - 5-10° Nose UP Flaps - 1/2 (if extended) Positive Rate of Climb (Altimeter & VSI) - Gear UP	8. Change configurations as follows noting the vertical speed when stable at 107 MPH A. Landing Gear DOWN B. Landing Gear UP Flaps DOWN C. Landing Gear DOWN & Flaps DOWN