

# Private vs. Commercial ASEL PTS

Private:            FAA-S-8081-14AS            August 2002  
 Commercial:      FAA-S-8081-12B              August 2002

Maneuver	Private	Commercial
<b>Traffic Pattern</b>	ALT: ±100 A/S: ±10	ALT: ±100 A/S: ±10
<b>Normal/Xwind Takeoff</b>	A/S: +10/-5	A/S: ±5
<b>Normal/Xwind Landing</b>	A/S: +10/-5 Dist: +400/-0	A/S: ±5 Dist: +200/-0
<b>Soft Field Takeoff</b>	A/S: +10/-5	A/S: ±5
<b>Soft Field Landing</b>	A/S: +10/-5	A/S: ±5
<b>Short Field Takeoff</b>	A/S: +10/-5	A/S: +5/-0 before obst A/S: ±5 after obst
<b>Short Field Landing</b>	A/S: +10/-5 Dist: +200/-0	A/S: ±5 Dist: +100/-0
<b>Forward Slip to Landing</b>	Dist: +400/-0	
<b>Power-off 180 Landing</b>		ALT: ≤ 1000 Dist: +200/-0
<b>Go-Around</b>	A/S: +10/-5	A/S: ±5
<b>Steep Turns</b>	ALT: ±100 A/S: ±10 Bank: 45±5 HDG: ±10	ALT: ±100 A/S: ±10 Bank: 50±5 HDG: ±10
<b>Steep Spiral</b>		ALT: Sufficient for 3 turns A/S: ±10 Bank: ≤ 60 HDG: ±10
<b>Chandelles</b>		ALT: ≥ 1500 A/S: Just above stall at end Bank: 30 HDG: ±10
<b>Lazy 8s</b>		ALT: ≥ 1500, ±100 at 180 A/S: ±10 at 180 Bank: 30 at steepest HDG: ±10 at 180
<b>Rectangular Course</b>	ALT: 600-1000 ±100 A/S: ±10	
<b>S-Turns</b>	ALT: 600-1000 ±100 A/S: ±10	
<b>Turns Around a Point</b>	ALT: 600-1000 ±100 A/S: ±10	
<b>Eights on Pylons</b>		ALT: Pivotal Bank: 30-40 at steepest
<b>Slow Flight</b>	ALT: ≥ 1500, ±100 A/S: Just above stall, +10/-0 Bank: ±10 HDG: ±10	ALT: ≥ 1500, ±50 A/S: Just above stall, +5/-0 Bank: ±5 HDG: ±10

<b>Power-off Stalls</b>	ALT: $\geq 1500$ Bank: $\leq 20, \pm 10$ or HDG: $\pm 10$	ALT: $\geq 1500$ Bank: $\leq 20, \pm 5$ or HDG: $\pm 10$
<b>Power-on Stalls</b>	ALT: $\geq 1500$ Bank: $\leq 20, \pm 10$ or HDG: $\pm 10$	ALT: $\geq 1500$ Bank: $\leq 20, \pm 10$ or HDG: $\pm 5$
<b>Navigation: Pilotage and Ded Reckoning</b>	ALT: $\pm 200$ HDG: $\pm 15$ Dist: within 3 nm and 5 min	ALT: $\pm 100$ HDG: $\pm 10$ Dist: within 2 nm and 3 min
<b>Navigation: Radio and Radar</b>	ALT: $\pm 200$ HDG: $\pm 15$	ALT: $\pm 100$ HDG: $\pm 10$
<b>Emergency Approach</b>	A/S: $\pm 10$	A/S: $\pm 10$
<b>Instrument Maneuvers: Straight, Climbs, Descents</b>	ALT: $\pm 200$ A/S: $\pm 10$ HDG: $\pm 20$	
<b>Instrument Maneuvers: Turns</b>	ALT: $\pm 200$ A/S: $\pm 10$ HDG: $\pm 10$	
<b>Instrument Maneuvers: Radio and Radar Nav</b>	ALT: $\pm 200$ A/S: $\pm 10$ HDG: $\pm 20$	