Principles of Flight PHAK References

Suggested Content and Order of Presentation

**Airfoil Design 4-6** (leading edge, trailing edge, chord line, camber line)

**Four Forces acting on an airplane 5-2** (lift, thrust, weight, drag)

**Stability, maneuverability and controllability 5-14** (static/dynamic/design control)

**Turning Tendencies 5-28** (torque, p-factor, corkscrew, gyroscopic action)

**Load factors in airplane design 5-52-5-38** (effect of steep turns, maneuvering speed)

**Wingtip vortices and appropriate precautions 5-7 & AIM 7-4-1**