

Straight and Level

20190820

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Eurofox 3K 24-5350

1. Define S&L (5 elements)
 - constant speed
 - constant direction
 - constant altitude
 - wings level
 - balanced
2. Controls for S&L (4 controls)
 - pitch
 - roll
 - yaw
 - power
3. Maintaining S&L workcycle (ALAP)
 - Attitude
 - Lookout
 - Attitude
 - Performance
4. S&L at different speeds
 - slow
 - with flap
 - 4000rpm
 - 75-85KIAS
 - slightly > 50/50 attitude
 - normal
 - 4800rpm
 - 90-95KIAS
 - 50/50 attitude
 - fast
 - 5200rpm
 - 105KIAS
 - slightly < 50/50 attitude
5. Regaining S&L (PAST)
 - Power

- Attitude
- Speed
- Trim

6. Stability

- pitch
- roll
- yaw
- *Rod likes to do pitch, yaw then roll*
- *Rod doesn't show roll stability at low AoB, but suggests do what the instructor feels is appropriate*