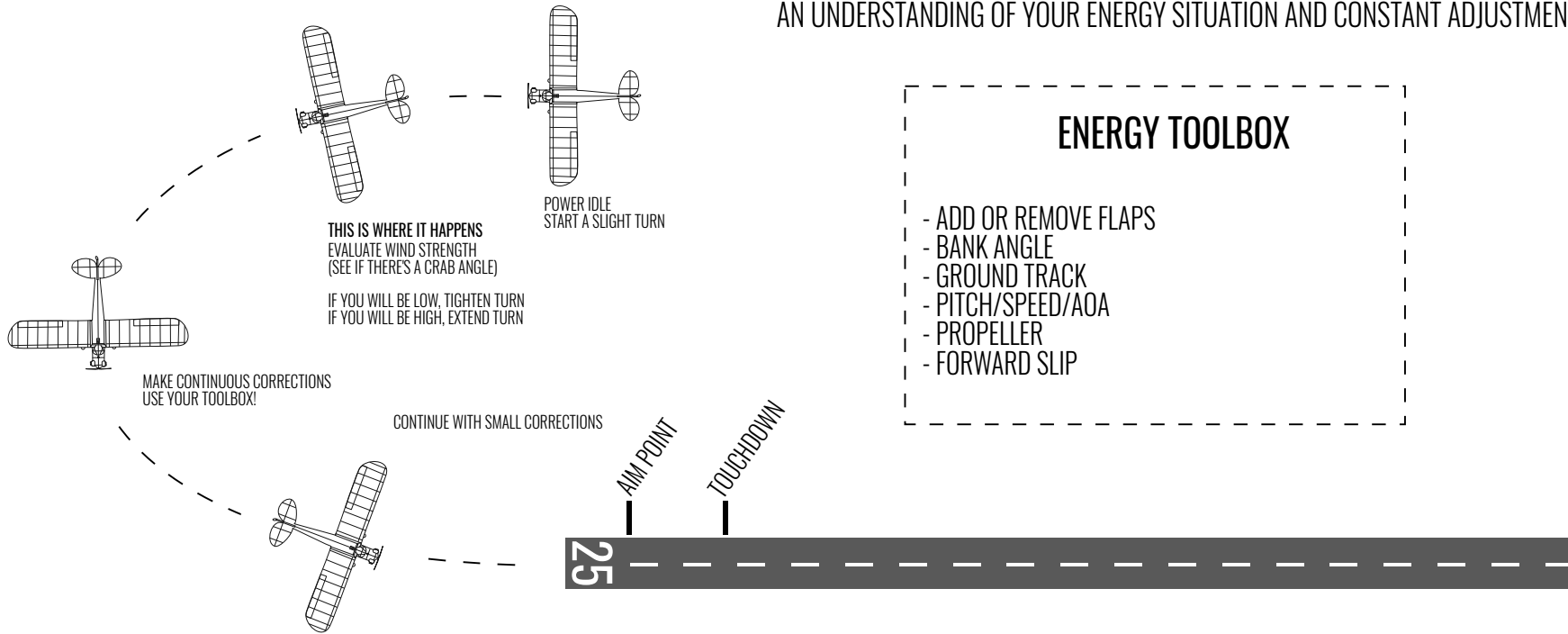


POWER OFF 180

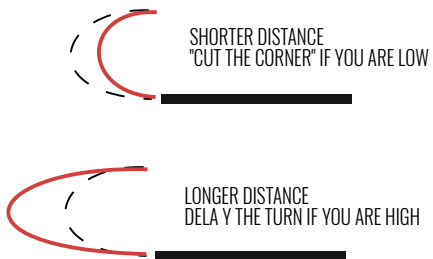
THE POWER OFF 180 IS ALL ABOUT ENERGY MANAGEMENT. IT REQUIRES AN UNDERSTANDING OF YOUR ENERGY SITUATION AND CONSTANT ADJUSTMENTS



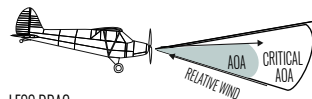
ENERGY TOOLBOX

- ADD OR REMOVE FLAPS
- BANK ANGLE
- GROUND TRACK
- PITCH/SPEED/AOA
- PROPELLER
- FORWARD SLIP

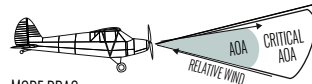
GROUND TRACK



AOA AND DRAG



LESS DRAG
IF YOU ARE LOW, DECREASE THE AOA SLIGHTLY TO INDUCE MORE DRAG



MORE DRAG
IF YOU ARE HIGH, INCREASE THE AOA SLIGHTLY TO INDUCE MORE DRAG

IF YOU ARE HIGH:

- ADD FLAPS (EARLIER THE BETTER)
- INCREASE BANK ANGLE
- FORWARD SLIP (EVEN DURING THE TURN)
- INCREASE DISTANCE TRAVELED (DELAY TURN)
- PROPELLER FULL FORWARD
- INCREASE AOA TO ADD DRAG

IF YOU ARE LOW

- DELAY FLAPS
- ADD FLAPS JUST BEFORE TOUCHDOWN TO FLY EXTRA ~200'
- TURN EARLIER
- BRING PROPELLER BACK
- DON'T INCREASE AOA