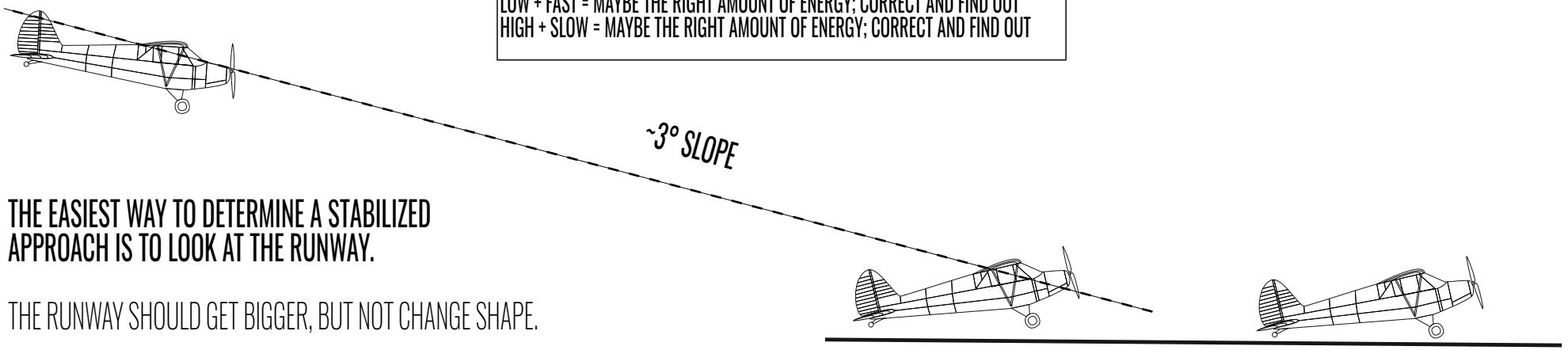
FLIGHT APPRENTICE

STABILIZED APPROACH

STABILIZED APPROACHES HAVE A CONSTANT VERTICAL FLIGHT PATH. **THIS MEANS YOU NEED TO MANAGE YOUR ENERGY.**

AIRSPEED ENERGY + ALTITUDE ENERGY = TOTAL ENERGY

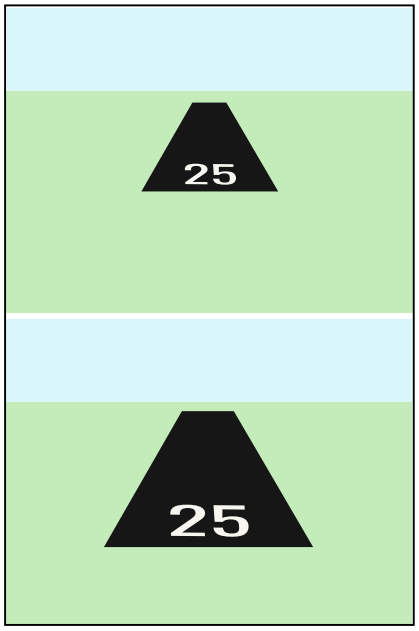
HIGH + FAST = TOO MUCH ENERGY
LOW + SLOW = TOO LITTLE ENERGY
LOW + FAST = MAYBE THE RIGHT AMOUNT OF ENERGY; CORRECT AND FIND OUT
HIGH + SLOW = MAYBE THE RIGHT AMOUNT OF ENERGY; CORRECT AND FIND OUT



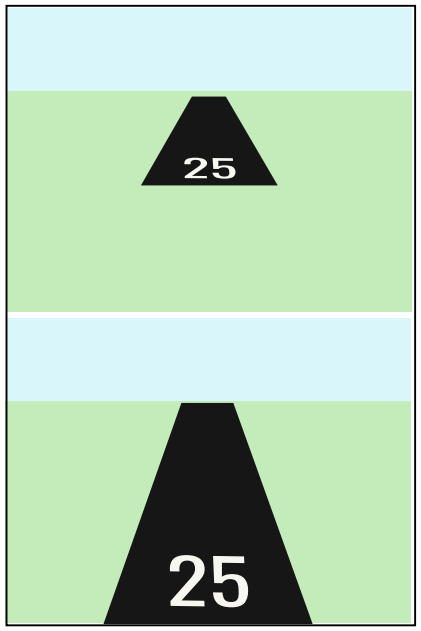
THE EASIEST WAY TO DETERMINE A STABILIZED APPROACH IS TO LOOK AT THE RUNWAY.

THE RUNWAY SHOULD GET BIGGER, BUT NOT CHANGE SHAPE.

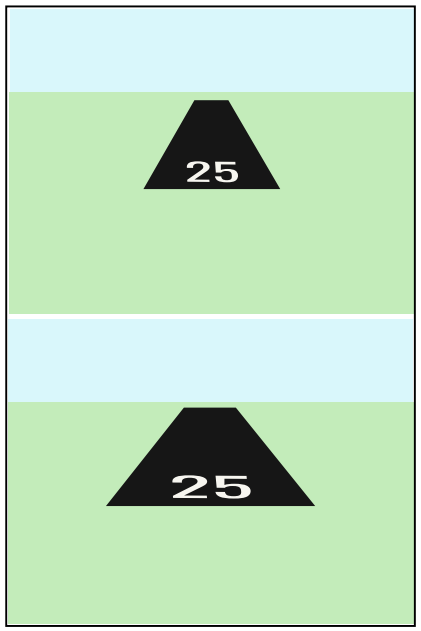
STABILIZED APPROACH



UNSTABLE APPROACH (DRIFTING HIGH)



UNSTABLE APPRPACH (DRIFTING LOW)



CORRECTIONS

HIGH	REDUCE POWER AND DECREASE AOA
FAST	REDUCE POWER AND INCREASE AOA
LOW	INCREASE POWER
SLOW	INCREASE POWER AND/OR DECREASE AOA
LOW & FAST	INCREASE AOA, POWER AS NEEDED
HIGH & SLOW	DECREASE AOA, POWER AS NEEDED

MAKE SMALL FREQUENT CORRECTIONS SO THAT YOU DON'T NEED TO MAKE BIG CORRECTION.

ALWAYS ASK YOURSELF:
IS ANYTHING WRONG WITH THIS APPROACH?