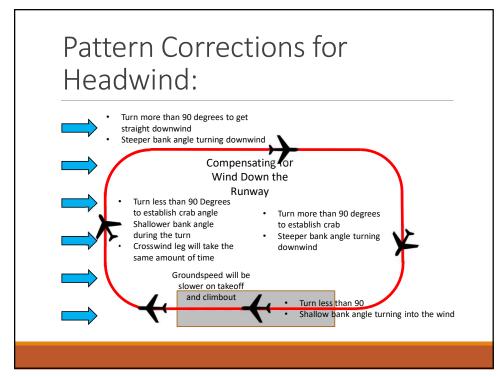
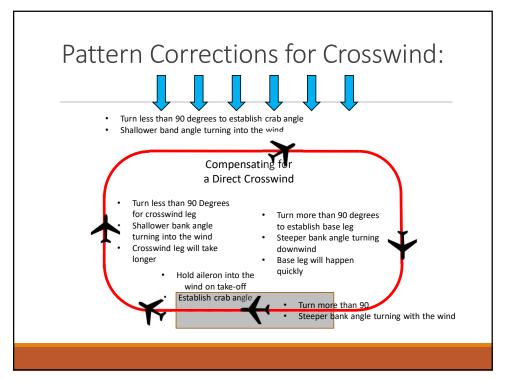
Tips for Flying in the Wind

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Myths about flying in wind:

Many of the myths we hear and believe come from what we see... BECAUSE OF the difference between Airspeed and Groundspeed.

- •MTYH: The airplane flies faster/slower when flying upwind/downwind
- •MYTH: The wind stopped the airplane
- •MYTH: The wind made the plane stall in the turn.
 - We were most likely turning the airplane differently to compensate for the wind's effect on the ground path.
- •Any others??

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Tips In the Air:

Wind down the runway:

- Resist the temptation to slow the airspeed on downwind
- Resist the temptation to speed up the airspeed on upwind
- Use crab angles on crosswind and base legs to keep a good pattern

Crosswind:

- Anticipate the crab angles to maintain a good pattern
- Anticipate shorter turns into the crosswind, and longer turns away from the crosswind

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Landing Tips:

Headwind:

- The landing approach will take longer if you positioned the approach over the "no-wind" landmarks. Anticipate having to maintain more power during the approach
 - Never extend the landing approach with elevator! Use power to do this.
- The landing approach and touch-down will have a slower ground-speed. You still want to land at the best airspeed for the airplane.

Crosswind:

- Crab don't Slip
 - A crab angle is MUCH easier to fly than a slip
 - Most model aircraft's landing gear can easily handle the side load on touchdown.
 - As your skills progress, you can "kick out" the crab angle with rudder, just before touchdown

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General Wind-flying Tips:

- •Get to know the airplane in calm conditions
 - Throttle settings for cruise, approach, landing
 - Fly using those settings when it's windy, rather than trusting the speeds you see
 - Aileron sensitivity: This will help you judge how much aileron to hold into a crosswind.
 - Rudder authority: Note how much rudder authority you have on the ground.
 Your crosswind takeoff ability will be limited by rudder authority.
- Think through the flight before you take-off. Anticipate:
 - Take-off cross-control
 - Crab angles
 - Ground speeds
 - Approach power

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