



Sunny Swift

"Crosswind final turn"

TODAY, THE WIND IS BLOWING ACROSS THE AIRFIELD.



BRIEFING AT THE CLUBHOUSE.

WE'VE GOT IDEAL CONDITIONS TO PRACTICE FLYING IN A CROSSWIND. CAN YOU REMEMBER THE MAIN DIFFICULTIES?

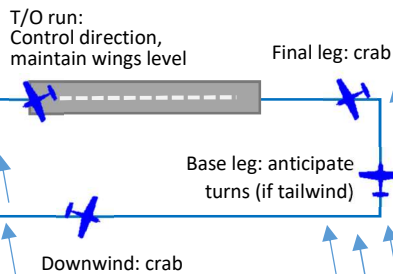
CROSSWIND DIFFICULTIES...

GOOD! JOE REMEMBERED ALL THE MAIN POINTS. HE ALSO THOUGHT ABOUT TURNING EARLIER FROM THE BASE LEG TO AVOID OVERSHOOTING THE RUNWAY

LET'S TRY IT IN FLIGHT!



SOME IMPORTANT POINTS...



DURING THE FLIGHT, JOE LEARNS VARIOUS TECHNIQUES TO COMPENSATE FOR THE EFFECTS OF WIND ON THE LANDING PATTERN.



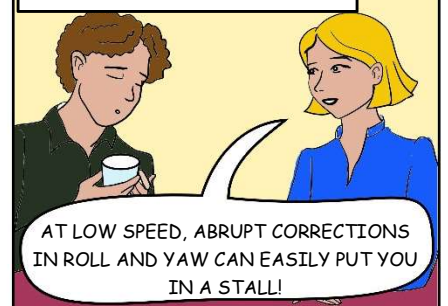
ON THE BASE LEG, SUNNY FEARS JOE HASN'T NOTICED THE HIGH GROUND SPEED. AT THIS RATE, THEY COULD OVERSHOOT THE RUNWAY



AND THEY DO OVERSHOOT IT! JOE TRIES TO HASTILY CORRECT THE FLIGHT PATH.

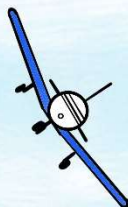


BACK AT THE BRIEFING ROOM...



THINK ANGLE OF ATTACK (α).

60° BANK:
~2G LOAD ($\alpha \uparrow$).
~VS INCREASES BY 40%



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<https://www.easa.europa.eu/document-library/general-publications/egast-leaflet-ga-8-stall-and-spin-loss-control>