Stage 1, Phase 3: Takeoffs and Landings

SCENARIO 2: Crosswind Takeoffs and Landings

Objective:
Practice your wind correction procedures for crosswind takeoffs and landings
Where to go:
An airport within 30 minutes flight time that has a crosswind runway available
How to get there:
Pilotage
Possible deviations:
During your weather briefing the briefer tells you there is an AIRMET "Tango" valid for your route of flight.
Possible malfunctions:
None
Purpose/pressures (real or simulated):
You have plans to fly and meet your best friend from high school that is visiting a neighboring town for one night. You haven't seen your close friend in years; he plans on leaving early tomorrow morning at 6 am. Winds at the associated airport are 12 knots and 60° from the runway centerline, and the runway is 60 feet wide.
Risks (real or simulated):
Problems that can occur while flying slowly near the ground, appropriately correcting for the wind, traffic hazards and communication in the airport traffic pattern, stronger crosswind conditions combined with entry-level pilot skills and a narrow runway

Improving your skills:
Preflight inspection
Weight and balance
Performance charts
Single-pilot resource management (SRM)
Risk management
Checklist usage
Radio communications
Collision avoidance
Normal/crosswind takeoff and climbs
Traffic patterns
Forward slip
Crabbing
Sideslip
Normal/crosswind approach and landings
Go-around/rejected landing
After landing, parking and securing