

Simulation-based Flight Education
Private Pilot Glider Practical Test – Flight Segment

Standards & Procedures

Use of Checklists

Airspeed

+10/-5 knots

+5/-5 knots on downwind approach/landing

Bank Angles

+5/-5 degrees

Headings

+10/-10 degrees

Speed to Fly

When flying with headwinds/tailwinds, demonstrate the appropriate
“Speed to Fly”

Scan for Traffic

Looking in the direction of a turn before/during turning.

Situational Awareness

Knowing where you are, what’s going on around you, and where you need
to go next.

Flight #1

Takeoff

Perform a Normal Takeoff

Aerotow

Perform a Normal Aerotow

Release @ 3000 AGL

Free Flight

Establish & Maintain ASK-13’s best glide speed

Select a landmark in the distance.

Enter a 30-degree bank Turn; 360 degrees

Exit the turn pointed at the landmark

Perform a wings-level Imminent Stall and Recovery

Perform a wings-level Full Stall and Recovery

Approach

Fly a Standard Traffic Pattern

Landing

Perform a Normal Landing

Stop as close to the Tow Plane as possible without going past it

Simulation-based Flight Education
Private Pilot Glider Practical Test – Flight Segment

Flight #2

Takeoff

Perform a Crosswind Takeoff

Aerotow

Perform a Boxing of the Wake
Release @ 3000 ft AGL

Free Flight

Airspeed –
Establish & Maintain 50 knots

Select a landmark
Enter a 45 degree banked Turn
Left Turn
720 degrees of turn (two complete circles)
Exit the turn pointed at the landmark

Repeat to the Right

Perform a Turning Imminent Stall & Recovery
15 degrees of bank
Left turn

Perform a Turning Full Stall & Recovery
15 degrees of bank
Right Turn
Dive brakes Open

Approach

Fly a Standard Traffic Pattern

Landing

Perform a Crosswind Landing

Simulation-based Flight Education
Private Pilot Glider Practical Test – Flight Segment

Flight #3

Takeoff

Perform a Normal Takeoff

Aerotow

Perform a Normal Aerotow

Release at 2000 ft AGL

Approach

Fly a Right-Hand Traffic Pattern

Landing

Perform a Normal Landing

Stop as near to the Windsock as possible without passing it

Flight #4

Traffic (NOTAM/Ghosts)

Uncheck “Equal Task Timing” filter

Uncheck “Equal Launching” filter

Uncheck “Equal Realism” filter

Select all Ghosts (2)

Takeoff

Perform a Crosswind Takeoff

Aerotow

Release @ 2300 MSL

Approach

Fly a Right-hand Traffic Pattern

Landing

Perform a Crosswind Landing

Simulation-based Flight Education
Private Pilot Glider Practical Test – Flight Segment

Flight #5

Free Flight

- Find one or more Thermals
- Make Left turns
- Climb 1000 feet
- Exit the Thermal

- Find another Thermal
- Make Right Turns
- Climb 1000 feet above arrival altitude
- Exit the Thermal

Return to Murska Sobota

On the way back:

- Slow to Minimum Controllable Airspeed
- Make a 90-degree turn left – stabilize wings level
- Make a 90-degree turn right – stabilize wings level
- Return to Speed to Fly

Approach

- Fly a Standard Traffic Pattern
- Fly a No-Dive-Brake approach to appropriate runway

Landing

- Perform a Normal Landing
- Stop as close as possible to the Windsock w/o passing it

Simulation-based Flight Education
Private Pilot Glider Practical Test – Flight Segment

Flight #6

Traffic (NOTAM/Ghosts)

Uncheck “Equal Realism” filter

Select all Ghosts (6)

Free Flight

Approach the Ridge at Ajdovscina

(the section ahead and to your right)

Locate the Ridge Lift

Maintain a Minimum speed of 60 knots on the ridge

Climb to Ridge Height

Make at least four reversing turns on the ridge

After your 1st reversal, establish & maintain 90 knots

Flight #7

Free Flight

Select a Landing area (lightly colored field)

The airport is not an option

Landing

Perform an Off-Airport Landing