

GLIDER PILOT Quick Reversion Card v1.0

PRIMARY RESPONSIBILITY

Maintain safe, controlled position behind tow aircraft and release safely at agreed height/location.

PRE-FLIGHT

- CG confirmed
 - Control directions checked
 - Tow hook secure
 - Weak link correct for model size
 - Radio range check complete
 - Release mechanism tested
 - Airbrakes/spoilers checked
 - Landing direction confirmed
 - Emergency plan discussed with tow pilot
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BEFORE TAKE-OFF

- Wings level
- Controls neutral
- Take up slack gently
- Eyes on tow aircraft

Call when ready:
“Glider ready”

TAKE-OFF

- Maintain wings level
- Small corrections only
- Allow glider to lift naturally
- Stay slightly above tow aircraft tail line

⚠ Do NOT over-control

⚠ Do NOT climb above tow plane

ON TOW

Ideal position:

- Slightly above tow plane tail
- Directly in line
- Maintain light line tension

If too high → ease forward pressure

If too low → gentle back pressure

If out of position → smooth correction

Avoid:

- ✗ Slack line
 - ✗ Sudden control inputs
 - ✗ Crossing wake aggressively
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RELEASE

- Confirm clear airspace
- Gentle straight flight
- Call:

“Releasing”

- Activate release
 - Turn away from tow aircraft immediately
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EMERGENCY PROCEDURES

If Tow Plane in Trouble:

- RELEASE IMMEDIATELY

If Severe Oscillation (Boxing the Wake):

- RELEASE IMMEDIATELY

If Towline Break:

- Lower nose
- Establish flying speed
- Circuit and land

If Cannot Release:

- Signal tow pilot
 - Tow pilot will release
 - Maintain position until safe
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LANDING

- Gliders have landing priority over tow planes except during a dead stick event on the tow plane.
 - Join circuit as directed
 - Call intentions clearly
 - Avoid runway congestion
 - During the final approach leg, the glider should be flown at a constant air speed all the way down to flare height just above the runway threshold.
 - When there are many gliders in the landing phase, the FLD may direct glider pilots to land long, short, or wide as needed to minimise risk of landing collisions.
 - Clear landing area promptly
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GOLDEN RULES

- ✓ Smooth corrections
- ✓ Stay in position
- ✓ Release early if unsure
- ✓ Safety before height