

# MGSA Guide to Chilhowee Operations

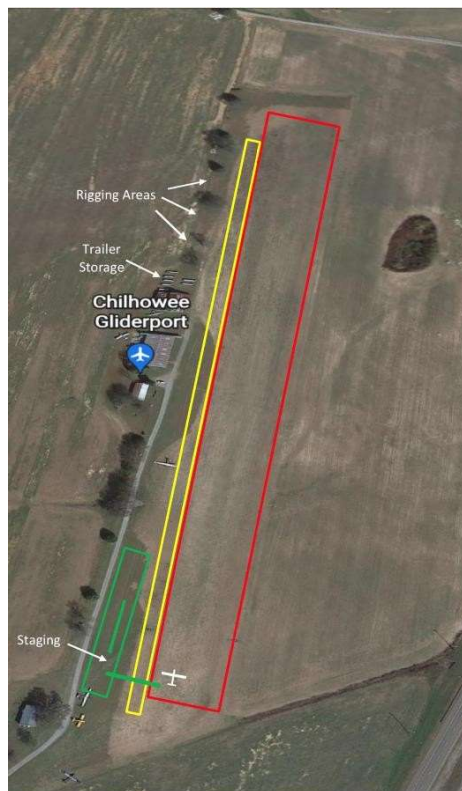


Figure 1: Chilhowee airport map. Runway in red, taxiway in yellow, and staging area for runway 03 in green

## Airfield access

- Airport has no gate, and is always open
- Follow gravel road
- Speed limit 5mph to avoid making dust.

## Rwy 3/21

- 2,600 ft grass with edges marked by white cones.
- Treat area just to the west of runway as active. Landing gliders turn off there, so avoid!
- Field elevation 770'.

## Patterns

- All glider patterns to the west (right pattern to 21).
- 1,800' MSL is downwind entry altitude. Depart the ridge to comfortably enter downwind.
- When using Rwy 3 for departures, gliders should land Rwy 21 winds permitting to avoid overflight of staged glider. Turn off the runway when safe to do so (different than home).

## Frequencies

- 122.9 for launch and land. Keep the frequency clear of chatter.

- 123.3 / 123.5 for air to air.

## Vehicle parking

- Park west of gravel road.
- Don't park in front of trailer barn, hangar, hangar entrance, or gas pump.
- No vehicles on the runway.

## Non-flying trailer storage (see photo)

- Tie down trailers north of the trailer barn with vehicle access between trailers....ensure trailers are properly tied down to prevent wind damage.
- Storage fee is \$30/month.
- No weekday parking of trailers in the rigging area to facilitate mowing....after Sunday derig move trailers to this location until next flying day.

## Rigging area (see photo)

- Park trailer on a diagonal with the tail (unloading side) to the southeast.
- Put the trailer tongue on the edge of the access road (south half of field) or tree line (north half of field). Hence glider remains well clear of area west of white cones.
- Unhook trailer from vehicle.
- After Sunday derig move trailers from rigging area to non flying trailer storage to allow mowing
- Remember trailer storage fees apply, \$30/month

## Ground towing

- Use golf carts with ropes only. No tow out gear. No vehicles on the runway.
- Wing walkers walk the west glider wing, never on runway side. Keep glider as far from runway as possible.

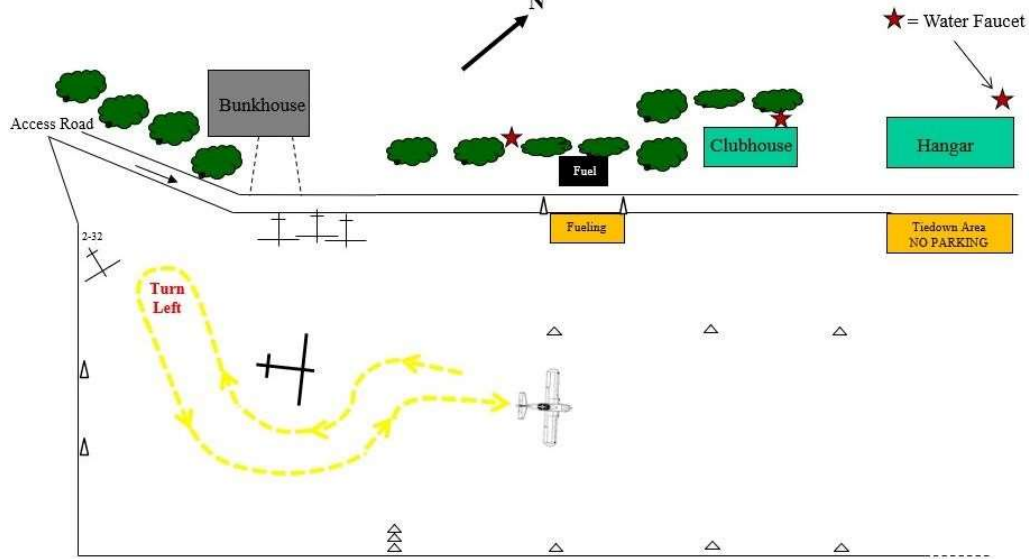
## Pre-launch staging (see photo)

- All gliders should be parked at the south end with the tail close to the gravel road (no more than 6').
- Gliders should be parked close to each other.
- Park in whichever open space is furthest down the line.
- If a continuous line of gliders, park as close to the next glider as practical.
- As each glider pushes out on the runway move the parked row of gliders further south towards the push out point.
- All golf carts and vehicles should be parked to the west of the gravel road.

## Launching

- Gliders taking the runway shall be pushed out by hand....no vehicle tows....glider can be positioned for takeoff with aircraft in the pattern (different than home).

- With single tow plane operation, only one glider on the runway at a time.
- If two tow planes then two gliders permitted on the runway.
- For Rwy 3 takeoffs (primary), position glider on the runway on west half with tail pointed at the west orange cone behind the glider. This allows space to the east for emergency use
- Tow plane will pull the glider slightly to the east on a straight line trajectory for takeoff.

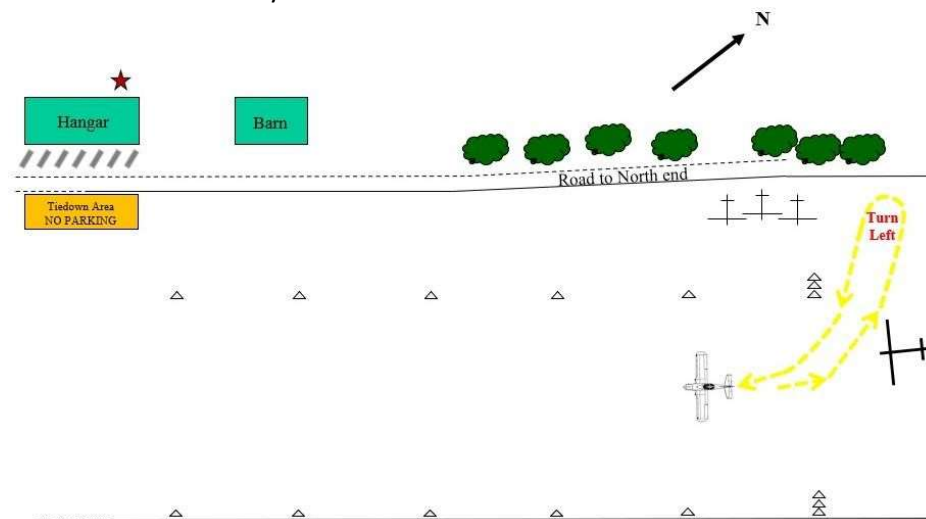


### Drive By & Hook Up – Glider Ready

Not To Scale

Figure 2: Staging procedure when launching on runway 03

- For Rwy 21 takeoffs (required by wind), all launches are from the west half of Rwy 21, but closer to the center than Rwy 3 to avoid cones.



Not To Scale

### Drive By & Hook Up Glider Ready

Figure 3: Staging procedure for runway 21

- Check for gliders in the pattern before pushing out....no more than one glider on the runway at a time.
- In all cases be ready for the landing tow plane with checklist completed.
- But safety first. Don't rush!

## Landing

- Glider patterns to the west. Power traffic to the east.
- Avoid over flying gliders on the runway.
- When at a safe speed steer to exit the runway....no vehicles on runway.
- Exit the glider quickly to pull it further clear of the runway.
- All pilots need to assist one another clearing the runway and adjacent area.
- Don't wait for crews.

## Fee payment

- Please remember to pay for all tows and trailer storage before departing....checks preferred