



# XCSoAR

The open-source glide computer



- ▶ Moving Map
  - ▶ Terrain & Topography
  - ▶ Glide Reach
  - ▶ Airspace
  - ▶ Waypoints & Tasks
- ▶ Glide Computer
- ▶ Infoboxes
- ▶ Analysis
- ▶ Log File

# FEATURES



XCSoAR



DEVICES



XCSoAR

- ▶ install XCSoar (Google Play or [www.xcsoar.org](http://www.xcsoar.org))
- ▶ get appropriate data files of your flight district
  - ▶ Maps [xcsoar.org](http://xcsoar.org)
  - ▶ Airspace [glidingmatamata.co.nz/members/airspace\\_files/](http://glidingmatamata.co.nz/members/airspace_files/)
  - ▶ Waypoints [gliding.net.nz/cups](http://gliding.net.nz/cups)
  - ▶ Optional - Checklists
  - ▶ Optional Task files
  - ▶ Optional XCSoar Profiles
- ▶ Configure software
- ▶ possibly connect to instruments
- ▶ mount hardware

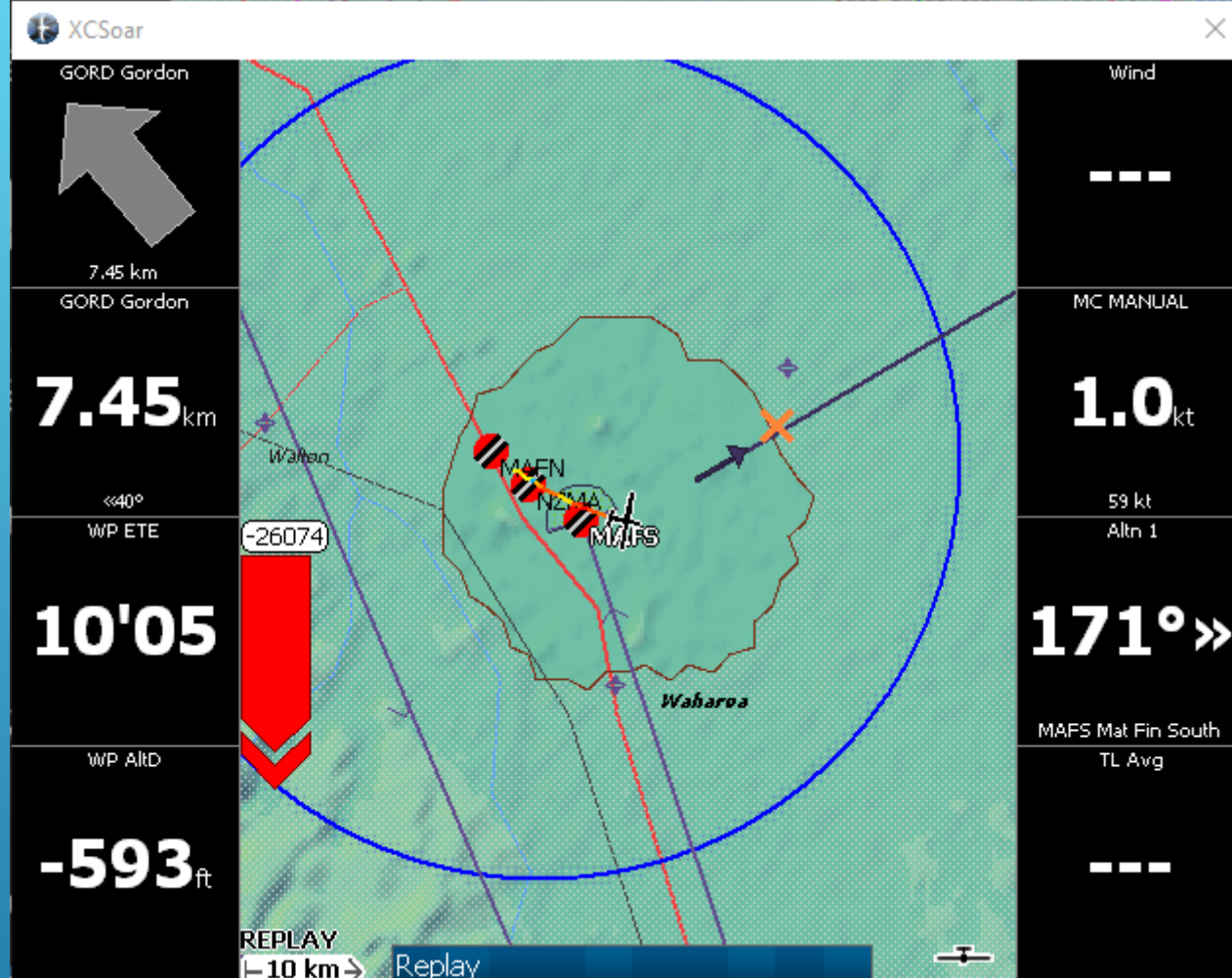
# GET STARTED



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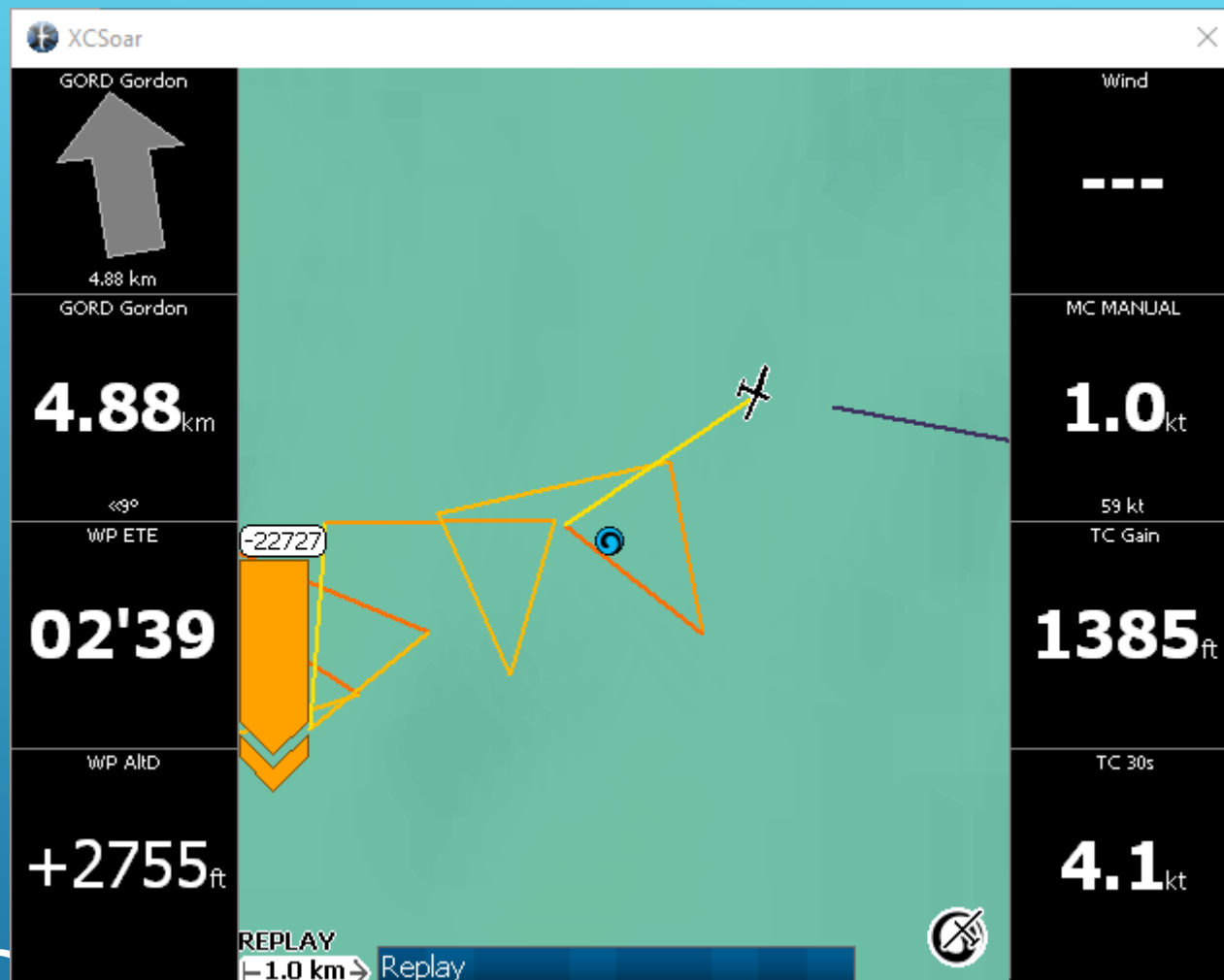


XCSoar



# CRUISE SCREEN






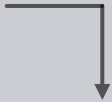





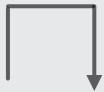


CIRCLING SCREEN



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XCSoAR

	MENU		TASKS
	ZOOM OUT		ALTERNATES
	ZOOM IN		AUTO ZOOM
	PAN (ALSO 2 FINGERS)		ANALYSIS
	LIST WAYPOINTS		STATUS



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# CONTROLS



XCSoAR

- ▶ Change views
- ▶ What's here?
- ▶ Checklist
- ▶ Abort Task / Alternate Waypoint

USEFUL STUFF



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XCSoAR



- ▶ FROM WAYPOINTS
- ▶ FROM .CUP FILE (SEEYOU FILE)

## ENTERING A TASK



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XCSoar

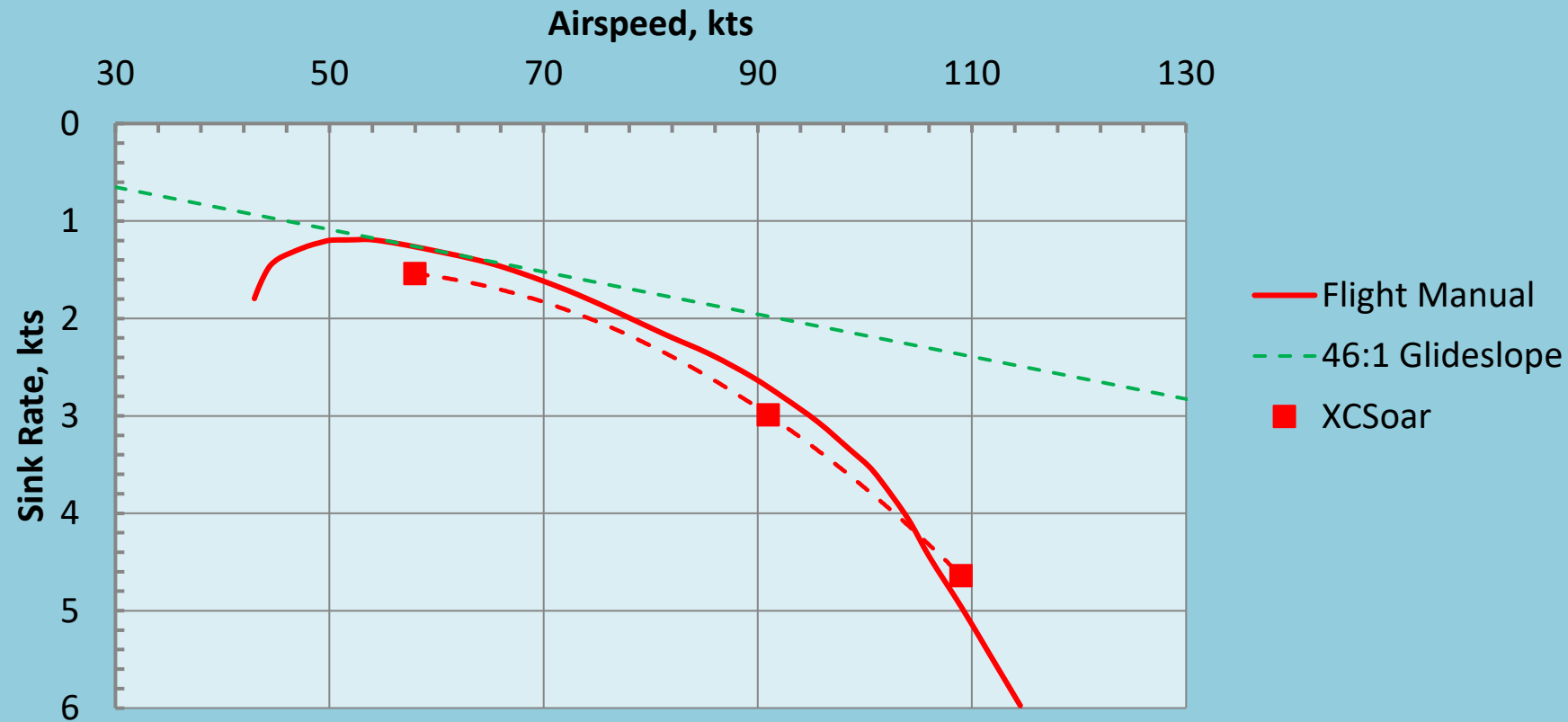
- ▶ Do configuration on the ground
- ▶ Do not get too distracted – remember to look out
- ▶ Do not trust it too much – it is good, but it doesn't know everything

## CAUTIONS



XCSoAR

## Duo Discus Speed Polar Diagram



POLAR FROM XCSOAR



XCSoar

- ▶ Copy from Disk > XCSoarData > logs
- ▶ ✓ Personal Use
- ▶ ✓ Club tasks and trophies
- ▶ ✓ On Line Contest
  
- ▶ ✗ Contests
- ▶ ✗ FAI badges and records

## LOG FILES

