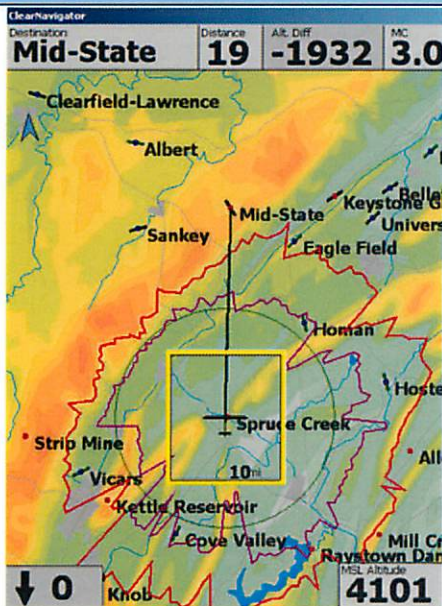


## BASIC NAVIGATION



Destination, Distance, Altitude Difference and current MacCready Values always show on the top row of the Map.

Winds In Use and MSL Altitude always show in the bottom corners of the map. A single set of wind values in the lower left means ClearNav calculated winds are in use. A small 'c' indicates Cambridge winds are in use.








A new destination is selected by moving the cursor box across the map (even beyond the border) - and hitting the controller Select button to display the list of contained waypoints. Select a waypoint from the list to make it the new destination.

The Red Amoeba shows glide range to ground (zero AGL) considering your entered Polars, Altitude, Winds in Use, MC, Ballast, Bugs and the terrain in route.

The Purple Amoeba indicates how far you can fly before reaching a designated AGL Arrival height.

The green circle indicates glide range to a designated MSL Altitude.

The number in the lower right of the Cursor Box shows the map scale level - the width of the cursor box. The Zoom keys on the hand controller can be used to increase or decrease this value.

	MAP ORIENTATION - NORTH UP
	MAP ZOOM LEVEL (Distance Across Cursor Box)
	AIRPORT / WAYPOINT
	AIRPORT / NON-WAYPOINT
	CONTROL POINT (START/ FINISH)
	NON -WAYPOINT
	LANDABLE

Map airport icons display correct runway orientation.

## RIBBON MENU (Hit Menu Button on Hand Controller to display or hide)



SELECT TURNPOINT (By Name or Distance)  
 SET MacCREADY  
 SET % CLEAN  
 SET % WATER BALAST  
 SELECT WINDS  
 SET MAP ORIENTATION (North Or Track)  
 SET ALTITUDE (Defaults to GPS Altitude)

SET SCREEN BRIGHTNESS  
 TASK CONTROL  
 SET MAP DISPLAY OPTIONS  
 SIMULATION CONTROL  
 SETUP MENUS  
 SET RIBBON MENU ITEMS

## SETUP MENU OPTIONS / HAND CONTROLLER OPERATION

PERSONAL PREFERENCES
<b>Select/Add Pilot Name</b>
<b>Edit Pilot Name</b>
<b>Final Glide Settings</b> AGL Arrival Height (Purple Amoeba) AGL Arrival Height (Red Amoeba) Show MSL Glide Range (Checkbox) MSL Altitude - Glide Range
<b>Map Display Options</b> Terrain Color Saturation Tracks Map Items Waypoint Names/Numbers Focus Color
<b>Units</b> Speed Distance Altitude Vertical Speed SUA Altitudes
<b>Language</b> Deutsch English Espanol Francais
<b>On-Screen Options (Checkbox)</b> <b>ALTITUDES</b> Pressure AGL <b>TASK VIEW</b> Since Start (Time) Time To Finish Total Time Distance To Go Achieved Speed <b>PERFORMANCE</b> Current Average Climb Flight Average Climb <b>WIND</b> Numeric Wind Direction <b>TRACK AND BEARING</b> Track/Bearing Bearing/Distance <b>VOLTMETER</b> Specify Threshold

GLIDER
<b>Select/Add Glider</b>
<b>Edit Glider ID</b>
<b>Edit Glider Type</b>
<b>Polar</b> Ballast Unballasted Weight Best Glide Ratio Best Glide Speed 2 m/s Sink Speed

SPECIAL USE AIRSPACE
<b>Horizontal Warning Margin</b>
<b>Vertical Warning Margin</b>
<b>Ignore SUAs Above (Altitude)</b>
<b>Maximum Permitted Altitude</b>
<b>Load/Unload SUA Files</b>
<b>12 Hour Off List</b>
<b>Audio Alarm</b>
<b>Off By Menu Type</b> Danger Airway Wave Window Glider Prohibited

FLIGHT RECORDER
<b>Enter Pilot Name</b>
<b>Enter Glider Type</b>
<b>Enter Glider ID</b>
<b>Transfer Flight Logs</b>
<b>Pilot Event</b>
<b>IGC Declaration</b>

WAYPOINTS
<b>Select Home Field</b>
<b>Load/Unload Waypoint Files</b>
<b>Edit Waypoints</b>

TOOLS
<b>GPS Information</b>
<b>Simulator (On/Off)</b>
<b>Set Local Time</b>
<b>Serial Ports</b>
<b>FLARM Status</b>
<b>Cambridge</b>
<b>Diagnostics</b>
<b>About ClearNav</b>



Hand Controller Operation	
Button	Action
	<b>Move Cursor Box on Moving Map and change parameter values.</b>
	<b>SELECT - List Waypoints and SUAs in Cursor Box.</b>
	<b>ZOOM IN to Map.</b>
	<b>ZOOM OUT from Map.</b>
	<b>MENU - Show / Hide Ribbon Menu</b>
	<b>FOCUS - Immediately returns to Moving Map.</b>