

Maveric UAS Ground Control Station

The GCS is a ruggedized laptop computer running Percerus Virtual Cockpit and two hand held radios. The first hand held is a video receiver box and the second is the communications receiver box. The software that is included has two functions. It is the visual link to the Maveric. In the Percerus window, you can track the aircraft's flight path and monitor its condition. Percerus is also the computer interface to the autopilot that controls the Maveric UAS. Working through the GCS the pilot is able to modify the programmed mission of the Maveric UAS in flight. The pilot has the ability to manually override the computer control and fly with a controller.

(Percerus Virtual Cockpit)

Percerus Virtual Cockpit

UAV Modes: Take Off, Land, Loiter Now, Rally, Home, Speed, Altitude, Nav

Address: 1032, Comm: 7, Batt: 11.2, Alt: -1, Vel: -1.6, Sat: 8, PPS: 34, RC: 34

Position: (0,0), Desired: (0,0), Dist. to Target: 0, Time over Target: 0, Ground Speed: 0, Lat: N 0.00000, Lon: E 0.00000, Command: 1

Waypoint Table:

Waypoint	Airspeed	Altitude	Easting	Northing	Latitude	Longitude
1	14	100	-283	166	N/A	N/A
2	14	100	-268	-168	N/A	N/A
3	14	100	200	-166	N/A	N/A
4	14	100	197	170	N/A	N/A

Landing Table:

Landing	Apr Vel	Flare Vel	Land East	Land North	Apr East	Apr North	Flare Height	Break Height
15	13	149	84	-198	101	4	40	

COM1 115200-8N-1, No Server Connection

