

HPINSPerf- P40v2 - Air

Airborne performance

Typical performance in airborne conditions with a good GNSS reception.

Heading performance may depend on dynamic conditions (single antenna), or on baseline for dual antenna.

Positioning mode	Position accuracy (m)		Velocity Accuracy (m/s)		Attitude accuracy (°)	
	Horizontal	Vertical	Horizontal	Vertical	Roll / pitch	Heading
SP	1.2	1.5	0.05	0.05	0.02	0.1 (UAV, single antenna)
RTK	0.01 + 1ppm	0.015 + 1ppm	0.02	0.02	0.015	0.1 (dual antenna, baseline >1m) 0.06 (dual antenna, baseline >2m)
PPK	0.01 + 1ppm	0.015 + 1ppm	0.01	0.01	0.01	0.035

For performance during long GNSS outages in aerial application, refer to the dead reckoning specification below.