

## Component Weights

### Aircraft Integration Accessories (● Items included in a typical integration support kit)

Components		Weight (g)
<b>Avionics</b>		
Piccolo Plus Autopilot (900 MHz, 2.4 GHz) without flange (No longer manufactured)	●	220
Piccolo II Autopilot (900 MHz, 2.4 GHz) without flange		226
Piccolo LT Autopilot (900 MHz) (No longer manufactured)		109
Piccolo SL Autopilot (900 MHz)		110
<b>Antennas and Coaxial Cables</b>		
Antenna, 900 MHz ¼ wave, Aircraft, BNC	●	25
Antenna Ground Plane - 900 MHz, Aircraft	●	3
Antenna, 2.4 GHz ¼ wave, Aircraft		16
Antenna Ground Plane – 2.4 GHz, Aircraft		1
GPS Antenna, Piccolo, 20 inch with SMA connector	●	25
GPS Antenna, Piccolo, 114 inch with SMA connector		55
Antenna Ground Plane GPS, Aircraft	●	1
Antenna Cable, aircraft UHF, SMA Male to BNC Female		26
Antenna Cable, aircraft UHF, SMA M to BNC bulkhead Female, 20 inch	●	25
Antenna 400 MHz		28
<b>Power</b>		
Battery Pack, 12V 2700ma 10-Acell NIMH – Piccolo	●	401
Battery Pack, 4.8V 2700ma 4-Acell NIMH – Servo	●	160
<b>Piccolo Flight Harness</b>		
Cable, Typical Piccolo Flight Harness w/ Ailerons	●	29
Cable, Piccolo II Pig Tail		65
<b>Piccolo Mounting</b>		
Generic Piccolo soft-mount mounting kit	●	150
Carbon fiber mounting rails only (each – need two)		11
<b>Deadman / Tach</b>		
Tach / Deadman's Engine Interface Board – 5V CDI		19
Tach / Deadman's Engine Interface Board – Magneto	●	19
Cable, External Kill Switch Harness	●	29
Cable, Tach / Deadman's to Engine Magneto	●	18
<b>Air System</b>		
Pitot Tube Kit, carbon fiber tube, reducer fittings, mounting hardware		75
Static Tube Kit, stainless steel tube, reducer fittings, mounting hardware		74
Combined Tube Kit, carbon fiber Pitot/Static Tube, 2 port hub, reducer fittings, mounting hardware.		101

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### Ground Station and HWIL Simulation

All of the components in this Ground Station and HWIL Support list are included as part of the Ground Station Kit and Developer's Kit. Individual items may be purchased as spare or replacement parts.

Components	Weight (g)
<b>Ground Station and HWIL Support</b>	
AC Power Cord (US)	162
Antenna, 900MHz Avionics SMA for bench HWIL testing	34
Antenna, 900MHz Ground Station 5dB	378
Antenna, 2.4 GHz Avionics SMA for bench HWIL testing	23
Antenna, 2.4 GHz Ground Station 5dB	169
Antenna, Ground Station GPS	54
Antenna, Piccolo Avionics GPS 114 inch with SMA connector	55
Cable, CAN to USB module	57
Cable, Piccolo Interface – Bench Test	101
Cable, Piccolo Interface – Bench Test Power	15
Cable, Piccolo Programming	142
Cable, Pilot Console, 24 ft	186
PGS External Pilot Console Harness	295
Cable, Serial DB9M/DB9F	150
Console, Piccolo Pilot, Futaba 8ch, 9CAF with case	2795
Phytec USB to CAN module	79 (222 w/box, cable, & CD)
Power Supply, Ground Station	373
Piccolo Desk Top GS Assembly – stand alone.	1549
Piccolo GS Assembly Main Board	869
Portable Ground Station (Not Kit)	6369