

Airborne Electronics

	Country	Company	Designation	Remarks	Weight (kg)	Status	Used On
1	Australia	Air Affairs Australia	AP04	Autopilot	0,300		
2	Brazil	Aeroeletrônica Indústr. Compon. Aviónicos	Autopilot (FW)				
3	Canada	MicroPilot	MP1028 ⁹	Autopilot	0,028		
4	Canada	MicroPilot	MP2028	Autopilot (FW)	0,028	In Service	Scarab (SCR, Spain) X-Vision (SCR, Spain) Boomerang (BlueBird Aero, Israel) Blueeye (BlueBird Aero, Israel) ALBA (INTA, Spain)
5	Canada	MicroPilot	MP2128 ⁹	Autopilot	0,028		
6	Canada	MicroPilot	MP2128 ^{HELI}	Autopilot (FW/RW)	0,028		
7	France	Novadem	NavSense	IMU			
8	France	Polyvionics	MICAV 2006 1.0	IMU	0,020		
9	France	Polyvionics	MICAV 1.1	Autopilot	0,030		
10	France	Polyvionics	MICAV 2.0	Autopilot			
11	France	SBG Systems	IG-500A	IMU	0,005		
12	France	SBG Systems	IG-500G	INU			
13	France	SBG Systems	IG-500N	INS/GPS	0,028		
14	Germany	Mavionics	Autopilot I	Autopilot (FW)	0,085	In Service	Cabure, Yagua (Nostromo, Argentina)
15	Germany	Mavionics	Autopilot II	Autopilot (FW)		In Service	Yarara (Nostromo, Argentina)
16	Germany	Mavionics	MINC	Autopilot	0,38		
17	Germany	Mavionics	TriMU	IMU	0,015	In Service	
18	India	Whirlybird	IMU06A	IMU			
19	India	Whirlybird	IMU06B	IMU	0,06		
20	Israel	Aeronautics	UMAS	Autopilot (GW)			
21	Israel	BlueBird Aero Systems					
22	Israel	Innocon	MIAS I	Mini Integrated Avionic Suite			
23	Israel	Innocon	MIAS II	Mini Integrated Avionic Suite			
24	Israel	Innocon	AP300	FCS			
25	Israel	Wireless Avionics	AS-07	Autopilot (FW)	0,07		
26	Israel	Wireless Avionics	CAS-T-06	INU	2,5		
27	Israel	Wireless Avionics	AS-06	IMU	0,2		
28	Italy	U.T.R.I	Mk3	INS	0,348		
29	Italy	U.T.R.I	Mk4	INS	0,133		
30	Japan	Yamaha	YACS	Attitude control system	2	In Service	RMAX (Yamaha, Japan)
31	Netherlands	Xsens	MTI	IMU	0,05		
32	Netherlands	Xsens	MTI-G	IMU/GPS	0,068		
33	Pakistan	Integrated Dynamics	AP-40	Autopilot (FW)	0,03		
34	Pakistan	Integrated Dynamics	AP-50	Autopilot (FW)	0,05		
35	Pakistan	Integrated Dynamics	APZ-6000	Autopilot (FW)			
36	Pakistan	Integrated Dynamics	IFCS-6000	Autopilot (FW)			
37	Pakistan	Integrated Dynamics	IFCS-7000	Autopilot (FW)			
38	Russia	A Level Aerosystems	A Level Autopilot	Autopilot (FW)	0,228		A Level Aerosystems, Russia
39	Russia	TeknoL	TeKFCS	FCS(FW)	0,350		
40	Slovenia	Kanardia	Senap	FCS			Karantania, Univ. of Ljubljana, SI
41	South Africa	Abat		Autopilot			
42	South Korea	Ucon Systems	FCC	Autopilot (FW)			
43	Spain	UAV Navigation	AP 04	Autopilot (FW & RW)			
44	Spain	UAV Navigation	AP 04R	Autopilot (FW & RW)			
45	Switzerland	weControl	wePILOT 1000	Autopilot (RW)	1,02	In Service	Scorpio (EADS, France) Copter I (SurveyCopter, France) APID (CybAero, Sweden) DRAC (EADS, France) DVF 2000 (SurveyCopter, France) Skeldar (Saab, Sweden) Tracker (EADS, France) RMAX (Yamaha, Japan)
46	Switzerland	weControl	wePILOT 2000	Autopilot (FW)	0,260	In Service	
47	Switzerland	weControl	wePILOT4RMAX	Autopilot (RW)	0,07	In Service	
48	Turkey	Vestel	Autopilot	Autopilot	0,037		
49	UAE	ATS	Adcom-3D FCU	INU	0,9		
50	UK	BlueBear Systems	Autopilot	Autopilot GPS			
51	UK	CRAVEC		Autopilot	0,1		
52	UK	Selex Sensors & AS	Selex FCS	Autopilot (FW)			Phoenix (BAE Systems, UK)(d)
53	UK	Omniinstruments	Microbot Autopilot	Autopilot (FW)	0,25		
54	UK	Omniinstruments	MIDG II INS/GPS	GPS/INS	0,055		
55	UK	Omniinstruments	nIMU	IMU	0,015		
56	UK	Omniinstruments	ulMU	IMU	0,15		
57	USA	Atair Aerospace	INU	INU	0,082		
58	USA	Athena Technologies	G-111	GPS/INS	0,23		
59	USA	Athena Technologies	G-111m	GPS/INS Autopilot (FW)	0,225	In Service	GoldenEye-80 (Aurora F.S, USA) LUNA (EMT, Germany) Morphing UAV (Lockheed Martin, USA) Shadow 200 TUAV (AAI Corp., USA) Sky-X (Aliena Aeronautica, Italy)
60	USA	Athena Technologies	G-211	Autopilot (FW)	0,91	In Service	
61	USA	Athena Technologies	G-311	Autopilot (FW)	2,18		
62	USA	Athena Technologies	G-411	INS			

AIRBORNE ELECTRONICS

REFERENCE SECTION

	Country	Company	Designation	Remarks	Weight (kg)	Status	Used On
63	USA	Athena Technologies	G-511	GPS/INS (FW)		Entering Service	Warrior (GA-ASI, USA)
64	USA	Athena Technologies	Micro INS	GPS/INS	0,250		
65	USA	Athena Technologies	Micro GuideStar	GPS/INS	0,250		
66	USA	AUAV	Ezi-Nav	Autopilot (FW)	0,435		
67	USA	BAE Systems	MIAG	Autopilot (FW)	6,6	In Service	RQ-2A/B Pioneer (Pioneer Inc., USA)
68	USA	BAE Systems	NSU	Autopilot (FW)	2,5	In Service	BQM-74 (Northrop Grumman, USA) CL327 (Bombardier, Canada) Mirach100/5E (Galileo Avionica, Italy) Sandia National Laboratory NRL & NSWC,USA
69	USA	BAI Aerosystems	Generation III	Autopilot (FW)	0,7	In Service	
70	USA	Calspan	NavCube	Autopilot (FW)	0,175		
71	USA	Cloud Cap Technology	Crista IMU	IMU	0,037		
72	USA	Cloud Cap Technology	Piccolo II	Autopilot (FW & RW)	0,233		Cobra (Raytheon, USA) T-16 (Arcturus UAV, USA)
73	USA	Cloud Cap Technology	Piccolo LT	Autopilot (FW)	0,65	In Development	
74	USA	Cloud Cap Technology	Piccolo Plus	Autopilot (FW)	0,212	In Service	Silver Fox (Advanced Ceramics, USA) T-15 (Arcturus UAV, USA)
75	USA	Continental Controls & Design	TGE	Autopilot	0,013		Locust (Continental Ctrls & Dsgn, USA)
76	USA	Crossbow technology	IMU 300	IMU	0,59		
77	USA	Crossbow technology	IMU 400	IMU	0,64		
78	USA	Crossbow technology	IMU 420	IMU			
79	USA	Crossbow technology	IMU 424EX	IMU			
80	USA	Crossbow technology	IMU 440	IMU			
81	USA	Crossbow technology	IMU 700	IMU	1,6		
82	USA	Crossbow technology	MNAV	Autopilot (FW & RW)	0,033		
83	USA	Curtiss Wright - Vista Controls Corp	OptiNAV				
84	USA	Curtiss Wright - Vista Controls Corp	Vista Controls IMMC	Autopilot (FW)		In Service	Global Hawk (Northrop Grumman, USA)
85	USA	Geneva Aerospace	FlightTEK	Autopilot (FW)	0,6		
86	USA	Gladiator Technologies	LandMark10 IMU	IMU	0,122		
87	USA	Global Aerial Surveillance	UAV Autopilot	Autopilot (FW)	0,043		
88	USA	Honeywell	H-764 ACE	Advanced INS	8,4		
89	USA	Honeywell	HG1700	IMU	0,73		
90	USA	Honeywell	HG1900 MEMS IMU	IMU	0,45		
91	USA	Honeywell	HG1930 MEMS	IMU	0,16		
92	USA	Honeywell	HG9868	GPS/INS (FW)	3,63	In Service	
93	USA	Honeywell	HG9900	IMU	2,95		
94	USA	IRT	Corvid	FCS	0,250		
95	USA	Kearfott	KI-4801	IMU	3,18		
96	USA	Kearfott	KI-4901	IMU	3,86		
97	USA	Kearfott	KI-4920	IMU	1,36		
98	USA	Kearfott	KI-4921	IMU	1,36		
99	USA	Kearfott	KN-4070	INU	5		
100	USA	Kearfott	KN-4072	GPS/INS	5	In Service	GlobalHawk (Northrop Grumman, USA)
101	USA	Kearfott	KN-4073	GPS/INS	3,7	In Service	Fire Scout (Northrop Grumman, USA)
102	USA	Kearfott	KN-4074	GPS/INS	5	In Service	GlobalHawk (Northrop Grumman, USA)
103	USA	Kearfott	KN-4075	GPS/INS	5,45		
104	USA	Kearfott	KN-4077	GPS/INS	3,7		
105	USA	L3 Communications-Microbotics	Autopilot	Autopilot	0,250		
106	USA	Microbotics	MIDG II	INS/GPS	0,055		
107	USA	Microbotics	3D-GX1	IMU	0,075	In Service	
108	USA	Northrop Grumman	LN-100G	INS/GPS	9,8	In service	Predator, General Atomics AS, USA
109	USA	Northrop Grumman	LN-200	IMU	0,75		
110	USA	Northrop Grumman	LN-251	INS/GPS	5,8		
111	USA	Northrop Grumman	LN-251	INS/GPS	5,8		
112	USA	Procerus	Kestrel	Autopilot (FW)	0,0167		
113	USA	Rotomotion LLC	AHPRS	INU		Market Ready	
114	USA	Rotomotion LLC	AHRS	INU		Market Ready	
115	USA	Rotomotion LLC	UAV Helicopter Controller	IMU		Market Ready	
116	USA	Summit Instruments	65210A	Autopilot (RW)			
117	USA	Summit Instruments	65210E	INU			
118	USA	Systron Donner Inertial	C-MIGITS III	GPS/INS	1,1		
119	USA	Systron Donner Inertial	DQI	IMU	1		
120	USA	Systron Donner Inertial	MMQ50	IMU	0,227		
121	USA	Systron Donner Inertial	MMQ-G	GPS/INS	0,227		
122	USA	O.Navy	Falcon	IMU	0,0115		
123	USA	O.Navy	GyroCube	IMU	0,082		
124	USA	O.Navy	Phoenix	Autopilot (FW)	0,0453		
125	USA	UAV Flight Systems	AP50 Autopilot	Autopilot (FW)	0,05		
126	USA	UAV Flight Systems	AP50XL	Autopilot (FW)	0,04		
127	USA	UAV Flight Systems	Condor	Autopilot (FW)	0,04	In Development	Tracker (UAV Flight Sys., USA)
128	USA	UNAV	UNAV3500FW	Autopilot (FW)	0,085		
129	USA	UNAV	UNAV3500HL	Autopilot (RW)	0,085		

IMU Inertial Measurement Unit
 INU Inertial Navigation Unit
 INS Inertial Navigation System
 FW Fixed Wing
 RW Rotary Wing