

Payloads

AUTOPILOTS & INERTIAL NAVIGATION SYSTEMS

	Country	Producer	Designation	Remarks	Weight (kg)	Status	Used On
1	Australia	Air Affairs Australia	AP04	Autopilot	0,300	In Service	Scarab (SCR, Spain) X-Vision (SCR, Spain) Boomerang (BlueBird, Israel) Blueeye (BlueBird Aero, Israel) ALBA (INTA, Spain)
2	Austria	AeroSpy	Titan	Autopilot	0,044		
3	Brazil	Aeroeletrônica Indústr. Compon. Aviónicos	Autopilot (FW)				
4	Canada	MicroPilot	MP1028g	Autopilot	0,028		
5	Canada	MicroPilot	MP2028	Autopilot (FW)	0,028		
6	Canada	MicroPilot	MP2128g	Autopilot	0,028	In Service	Cabure, Yagua (Nostromo, Argentina) Yarara (Nostromo, Argentina)
7	Canada	MicroPilot	MP2128HELI	Autopilot (FW/RW)	0,028		
8	Canada	MicroPilot	MP2128LRC	Autopilot			
9	Canada	MicroPilot	MP212833X	Autopilot			
10	France	Novadem	NavSense	IMU			
11	France	Gates Technology	FCCU	FCS	0,070	In Development	
12	France	Polyvionics	MICAV 2006 1.0	IMU	0,020		
13	France	Polyvionics	MICAV 1.1	Autopilot	0,030		
14	France	Polyvionics	MICAV 2.0	Autopilot			
15	France	SBG Systems	IG-500A	IMU	0,005		
16	France	SBG Systems	IG-500G	INU		In Service	
17	France	SBG Systems	IG-500N	INS/GPS	0,028		
18	Germany	Imar	iVRU-FC	IMU	1,95		
19	Germany	Mavionics	Autopilot I	Autopilot (FW)	0,085		
20	Germany	Mavionics	Autopilot II	Autopilot (FW)			
21	Germany	Mavionics	MINC	Autopilot	0,38	In Service	
22	Germany	Mavionics	TriMU	IMU	0,015		
23	India	Aeron Systems	ARN-NS0535	INS/GPS	0,6		
24	India	Whirlybird	IMU06A	IMU			
25	India	Whirlybird	IMU06B	IMU	0,06		
26	Israel	Aeronautics	UMAS	Autopilot (FW)		In Service	RMAX (Yamaha, Japan)
27	Israel	Innocon	AP300	FCS			
28	Israel	Innocon	MIAS I	Mini Integrated Avionic Suite			
29	Israel	Innocon	MIAS II	Mini Integrated Avionic Suite			
30	Israel	Innocon	Naviator	FCS			
31	Israel	Wireless Avionics	AS-07	Autopilot (FW)	0,07	In Service	
32	Israel	Wireless Avionics	CAS-T-06	INU	2,5		
33	Israel	Wireless Avionics	AS-06	IMU	0,2		
34	Italy	Quadratics	QsEm	FCS			
35	Italy	U.T.R.I	Mk3	INS	0,348		
36	Italy	U.T.R.I	Mk4	INS	0,133	In Service	
37	Japan	Yamaha	YACS	Attitude control system	2		
38	Netherlands	Xsens	MTi	IMU	0,05		
39	Netherlands	Xsens	MTi-G	IMU/GPS	0,068		
40	Pakistan	Integrated Dynamics	AP-40	Autopilot (FW)	0,03		
41	Pakistan	Integrated Dynamics	AP-50	Autopilot (FW)	0,05	In Service	A Level Aerosystems, Russia
42	Pakistan	Integrated Dynamics	APZ-6000	Autopilot (FW)			
43	Pakistan	Integrated Dynamics	IFCS-6000	Autopilot (FW)			
44	Pakistan	Integrated Dynamics	IFCS-7000	Autopilot (FW)			
45	Russian Fed.	A Level Aerosystems	Autopilot	Autopilot (FW)	0,228		
46	Russian Fed.	Teknol	TeKFCS	FCS(FW)	0,350	In Service	Karantania, Univ. of Ljubljana, SI
47	Slovenia	Kanardia	Senap	FCS			
48	South Africa	Abat		Autopilot			
49	South Korea	Ucon Systems	FCC	Autopilot (FW)			
50	Spain	UAV Navigation	AP 04	Autopilot (FW & RW)			
51	Spain	UAV Navigation	AP 04R	Autopilot (FW & RW)		In Service	Scorpio (EADS, France) Copter I (SurveyCopter, Fr) APID (CybAero, Sweden) DRAC (EADS, France) DVF 2000 (SurveyCopter, Fr) Skeldar (Saab, Sweden) Tracker (EADS, France) RMAX (Yamaha, Japan)
52	Switzerland	Swiss UAV	MC-IASON	FCS(RW)			
53	Switzerland	weControl	wePilot 1000	Autopilot (RW)	1,02		
54	Switzerland	weControl	wePilot 2000	Autopilot (FW)	0,260		
55	Switzerland	weControl	wePilot 4RMAX	Autopilot (RW)	0,07		
56	Turkey	Vestel	Autopilot	Autopilot	0,037	In Service	
57	UAE	ATS	Adcom-3D FCU	INU	0,9		
58	UK	BlueBear Systems	Autopilot	Autopilot GPS			
59	UK	CRAVEC		Autopilot	0,1		
60	UK	Selex Sensors & AS	Selex FCS	Autopilot (FW)			
61	UK	Omniinstruments	Microbot Autopilot	Autopilot (FW)	0,25	In Service	Phoenix (BAE Systems, UK)
62	UK	Omniinstruments	MIDG II INS/GPS	GPS/INS	0,055		
63	UK	Omniinstruments	nIMU	IMU	0,015		
64	UK	Omniinstruments	uIMU	IMU	0,15		
65	USA	Acuity Technologies	IM-360	IMU	0,175		
66	USA	Adaptive Flight	FCS20	FCS	0,065	In Service	Hornet Adaptive Flight, USA
67	USA	Atair Aerospace	INU	INU	0,082		
68	USA	AUAV	Ezi-Nav	Autopilot (FW)	0,435		
69	USA	BAE Systems	MIAG	Autopilot (FW)	6,6		
70	USA	BAE Systems	NSU	Autopilot (FW)	2,5		
71	USA	BAE Systems	NSU	Autopilot (FW)	2,5	In Service	RQ-2A/B (Pioneer Inc., USA) BQM-74 (Northrop Grum, USA) CL327 (Bombardier, Canada) Mirach100/5E (Galileo Avionica, Italy)
72	USA	Calspan	NavCube	Autopilot (FW)	0,175		
73	USA	Cloud Cap Technology	Crista IMU	IMU	0,037		
74	USA	Cloud Cap Technology	Piccolo II	Autopilot (FW & RW)	0,233		

	Country	Producer	Designation	Remarks	Weight (kg)	Status	Used On
75	USA	Cloud Cap Technology	Piccolo LT	Autopilot (FW)	0,65	In Development	Silver Fox (Advanced Ceramics, USA) T-15 (Arcturus UAV, USA) Locust (Continental Ctrls & D, USA)
76	USA	Cloud Cap Technology	Piccolo Plus	Autopilot (FW)	0,212	In Service	
77	USA	Continental Controls & Design	TGE	Autopilot	0,013		
78	USA	Crossbow Technology	IMU 300	IMU	0,59		
79	USA	Crossbow Technology	IMU 320	IMU/GPS	0,45		
80	USA	Crossbow Technology	IMU 400	IMU	0,64		
81	USA	Crossbow Technology	IMU 420	IMU			
82	USA	Crossbow Technology	IMU 424EX	IMU			
83	USA	Crossbow Technology	IMU 425EX	IMU/GPS			
84	USA	Crossbow Technology	IMU 440	IMU			
85	USA	Crossbow Technology	IMU 700	IMU	1,6		GlobalHawk (Northrop Grumman, USA)
86	USA	Crossbow Technology	MNAV	Autopilot (FW & RW)	0,033		
87	USA	Crossbow Technology	NAV440	IMU/GPS			
88	USA	Curtiss Wright - Vista Controls Corp	OptiNAV				
89	USA	Curtiss Wright - Vista Controls Corp	Vista Controls IMMC	Autopilot (FW)		In Service	
90	USA	Gladiator Technologies	LandMark10 IMU	IMU	0,122		
91	USA	Honeywell	H-764 ACE	Advanced INS	8,4		
92	USA	Honeywell	HG1700	IMU	0,73		
93	USA	Honeywell	HG1900 MEMS IMU	IMU	0,45		
94	USA	Honeywell	HG1930 MEMS	IMU	0,16		
95	USA	Honeywell	HG9868	GPS/INS (FW)	3,63	In Service	GlobalHawk (Northrop Grumman, USA) Fire Scout (Northrop Grumman, USA) GlobalHawk (Northrop Grumman, USA)
96	USA	Honeywell	HG9900	IMU	2,95		
97	USA	Innalabs	AHRS M				
98	USA	Innalabs	CVG-25	IMU	0,400		
99	USA	Innalabs	CVG-43	IMU	0,300		
100	USA	IRT	Corvid	FCS	0,250		
101	USA	Kearfott	KI-4801	IMU	3,18		
102	USA	Kearfott	KI-4901	IMU	3,86		
103	USA	Kearfott	KI-4920	IMU	1,36		
104	USA	Kearfott	KI-4921	IMU	1,36		
105	USA	Kearfott	KN-4070	INU	5		GlobalHawk (Northrop Grumman, USA) Fire Scout (Northrop Grumman, USA) GlobalHawk (Northrop Grumman, USA)
106	USA	Kearfott	KN-4072	GPS/INS	5	In Service	
107	USA	Kearfott	KN-4073	GPS/INS	3,7	In Service	
108	USA	Kearfott	KN-4074	GPS/INS	5	In Service	
109	USA	Kearfott	KN-4075	GPS/INS	5,45		
110	USA	Kearfott	KN-4077	GPS/INS	3,7		
111	USA	L3 Com - BAI	Generation III	Autopilot (FW)	0,7	In Service	
112	USA	L3 Com - Geneva Aero	FlightTek	Autopilot (FW)	0,6		
113	USA	Microbotics	Autopilot	Autopilot	0,250		
114	USA	Microbotics	MIDG II	INS/GPS	0,055		Predator, General Atomics AS, USA
115	USA	MicroStrain	3D-GX1	IMU	0,075	In Service	
116	USA	Northrop Grumman	LN-100G	INS/GPS	9,8	In service	
117	USA	Northrop Grumman	LN-200	IMU	0,75		
118	USA	Northrop Grumman	LN-251	INS/GPS	5,8		
119	USA	Procerus	Kestrel	Autopilot (FW)	0,0167	Market Ready	
120	USA	Rockwell Collins	Athena 111	GPS/INS	0,23		
121	USA	Rockwell Collins	Athena 111m	GPS/INS			
				Autopilot (FW)	0,225	In Service	
122	USA	Rockwell Collins	Athena 211	Autopilot (FW)	0,91	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) Global Observer(Avinc, USA) Watchkeeper(Thales) UK Warrior (GA-ASI, USA)
123	USA	Rockwell Collins	Athena 311	Autopilot (FW)	2,18		
124	USA	Rockwell Collins	Athena 411	INS	1	In Service	
125	USA	Rockwell Collins	Athena 511	GPS/INS (FW)		Entering Service	
126	USA	Rockwell Collins	Athena 611	GPS/INS (FW)	4,05		
127	USA	Rockwell Collins	GuS	GPS/INS	0,113		
128	USA	Rotomotion LLC	AHPRS	INU		Market Ready	
129	USA	Rotomotion LLC	AHRS	IMU		Market Ready	
130	USA	Rotomotion LLC	UAV Helicopter Controller				
131	USA	Summit Instruments	65210A	Autopilot (RW)			Tracker (UAV Flight Sys., USA)
132	USA	Summit Instruments	65210E	INU			
133	USA	Systron Donner Inertial	C-MIGITS III	GPS/INS	1,1		
134	USA	Systron Donner Inertial	DQI	IMU	1		
135	USA	Systron Donner Inertial	MMQ50	IMU	0,227		
136	USA	Systron Donner Inertial	MMQ-G	GPS/INS	0,227		
137	USA	O.Navy	FalconGX	IMU	0,0115		
138	USA	O.Navy	GyroCube3F	IMU	0,082		
139	USA	O.Navy	Phoenix	Autopilot (FW)	0,0453		
140	USA	UAV Flight Systems	AP50 Autopilot	Autopilot (FW)	0,05		
141	USA	UAV Flight Systems	AP50XL	Autopilot (FW)	0,04		Tracker (UAV Flight Sys., USA)
142	USA	UAV Flight Systems	Condor	Autopilot (FW)	0,04	In Development	
143	USA	UNAV	Picopilot	Autopilot (FW)			
144	USA	UNAV	UNAV3500FW	Autopilot (FW)	0,085		
145	USA	UNAV	UNAV3500HL	Autopilot (RW)	0,085		