

Payloads

	Country	Manufacturer	System Designation	Sensor Type	Installed On	UAS Manufacturer
01	Finland	Vaisala	RD93	Dropsonde (meteorological)		
01	Australia	V-TOL Aerospace	i-Gimbal	EO		
02	Australia	UAV Vision	Mini Gyro Dome	EO		
03	Australia	UAV Vision	CM250 & CM400			
04	Austria	Riegl	LMS-Q160	2D Laser scanner		
05	Austria	Riegl	LMS-Q240 & Q240i	2D Laser scanner		
06	Austria	Riegl	LMS-Q560	2D Laser scanner	DA42 MPP	Diamond Aircraft, Austria
07	Canada	Amphitech	OASYS	MMW Radar (35 GHz)	Predator	General Atomics AS, USA
08	Canada	Uni. of Newfoundland	RAVEN	MicroSAR		
08	Canada	L-3 Cincinnati Electronics	NightConqueror II	IR		
09	Canada	L-3 Wescam	11 SST Step-Share	EO & IR		
10	Canada	L-3 Wescam	AN/AAS-52	Multi-spectral	Predator	General Atomics AS, USA
11	Canada	L-3 Wescam	MX-12	EO & IR		
12	Canada	L-3 Wescam	MX-14TS	EO & IR & laser	Predator	General Atomics AS, USA
13	Canada	L-3 Wescam	MX-15	EO & IR & laser	GNAT IGNAT	General Atomics AS, USA General Atomics AS, USA
14	Canada	MicroPilot	MP-Dayview ^{PTZ}	EO		
15	Canada	MicroPilot	MP-Nightview ^{PTZ}	IR		
16	Canada	L-3 Wescam	MX-20	EO & IR & laser		
17	Canada	Optech	ALTM 1020	LIDAR		
18	Canada	Optech	ALTM 3100	LIDAR		
19	China (PR)	Louyang Optoelectro Techn. Dvpt Center	YY-1 EO	EO & IR		
20	France	Cose	GlobalScan	IR Linescanner		
21	France	EADS Astrium	QuaSAR-(MicroSAR)	SAR		
22	France	Sagem D & S	AIS	EO & IR	Crecerelle	Sagem DS, France
23	France	Sagem D & S	Corsaire	IR linescanner	CL-289	EADS France & Germany
24	France	Sagem D & S	Cyclope 2000	IR linescanner	Crecerelle	Sagem DS, France
25	France	Sagem D & S	OLOSP	EO	SDTI,Sperwer,Ugglan	Sagem DS, France
26	France	SurveyCopter	Survey series	EO	SurveyCopter	SurveyCopter, France
27	France	SurveyCopter	T130 series	EO & IR		
28	France	Thales Aerospace	SWIFT	SAR		
29	France	Thales AS	I-Master	SAR / MTI		
30	France	Thales AS	SARIS	Radar, SAR		
31	France	Thales Optronique	AGILE	EO-IR		
32	France	Thales Optronique	Omera AA3.70	Optical camera		
33	France	Thales Optronique	Omera AA6.62	Optical camera		
34	France	Zodiac (ex-Intertechnique)	Camelia	IR linescanner	Sojka III	VTUL a PVO
35	Germany	AirRobot	AR004	IR	AirRobot	AirRobot, Germany
36	Germany	Carl Zeiss Optronics	Attica MW/LW	IR		
37	Germany	Carl Zeiss Optronics	Attica P256	IR	LUNA	EMT, Germany
38	Germany	Carl Zeiss Optronics	KRb 8/24F	Optical camera (panoramic)	CL-89	Bombardier, Canada & EADS France/Germany
39	Germany	Carl Zeiss Optronics	Ophelios WBG 96 * 4	IR	KZO	Rheinmetall DE
40	Germany	Carl Zeiss Optronics	VOS	EO		
41	Germany	EADS Def. Electr.	MISAR	Mini SAR	LUNA	EMT, Germany
42	Germany	EADS Def. Electr.	AWARDS	SAR/MTI	CL-289	EADS, Germany
43	Germany	EADS Def. Electr.	SWORD	SAR/MTI	CL-289	EADS France & Germany
44	Germany	Rheinmetall Defence	BAS 2000	EO-IR		
45	Germany	SOSTAR GmbH	SOSTAR	Radar, SAR/GMTI		
46	Germany	Z/I Imaging GmbH	DMC®	(Digital Mapping Camera)	EO-IR	
47	Germany	Z/I Imaging GmbH	KRb 8/24 F	reconnaissance camera	EO-IR	
48	Germany	Z/I Imaging GmbH	KS-153	modular EO-IR camera	CL-289	EADS, France & Germany
49	Israel	Bental Industries	MicroBAT 275	EO		
50	Israel	Bental Industries	MicroBAT 800	EO		
51	Israel	Controp Precision Technologies	DCompass			
52	Israel	Controp Precision Technologies	DSP-1	EO & IR	Scout, Searcher	IAI-Malat, Israel
53	Israel	Controp Precision Technologies	D-Stamp	EO	Orbiter	Aeronautics, Israel
54	Israel	Controp Precision Technologies	ESI-1	EO		
55	Israel	Controp Precision Technologies	ESP-1	EO		
56	Israel	Controp Precision Technologies	ESP-600C	EO	Scout, Searcher	IAI-Malat, Israel
57	Israel	Controp Precision Technologies	FOX	IR		
58	Israel	Controp Precision Technologies	FSP-1	FLIR	Scout, Searcher	IAI-Malat, Israel
59	Israel	Controp Precision Technologies	MGF-1	EO		
60	Israel	Controp Precision Technologies	Micro-Compass	EO & IR	Skylark II	Elbit Systems, Israel

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61	Israel	Controp Precision Technologies	Mini-Eye	EO	Mini-V	Elbit Systems, Israel
62	Israel	Controp Precision Technologies	MSSP-1	EO		
63	Israel	Controp Precision Technologies	MSSP-13	EO & IR		
64	Israel	Controp Precision Technologies	SRA 1/2	Antenna pedestals		
65	Israel	Controp Precision Technologies	SRB 1/2	Antenna pedestals		
66	Israel	Controp Precision Technologies	L-STAMP	EO-IR	Mini Orbiter	Aeronautics, Israel
67	Israel	Controp Precision Technologies	U-STAMP	EO		
68	Israel	Controp Precision Technologies	SALS	EO-IR	RPG Midget Mk III	Techment, Sweden
69	Israel	Elbit Systems	Skylark Payload	EO-IR, FLIR/IRST	Skylark IV	Elbit Systems, Israel
70	Israel	EL-OP Electro Optics	COMPASS	EO & FLIR	Hermes 450	Elbit Systems, Israel
71	Israel	EL-OP Electro Optics	COTIM-B	IR		
72	Israel	EL-OP Electro Optics	TIM	IR		
73	Israel	EL-OP Electro Optics	VLLR	Laser		
74	Israel	EL-OP Electro Optics	AMOS	EO-IR		
75	Israel	EL-OP Electro Optics	COMPASS IV	EO-IR		
76	Israel	EL-OP Electro Optics	COTIM	EO-IR		
77	Israel	EL-OP Electro Optics	CRYSTAL	High resolution		
78	Israel	EL-OP Electro Optics	FPA thermal imager	EO-IR		
79	Israel	EL-OP Electro Optics	EMOS	EO-IR		
80	Israel	EL-OP Electro Optics	EO-X	EO-IR		
81	Israel	EL-OP Electro Optics	LOROP	EO-IR		
82	Israel	EL-OP Electro Optics	MLFS - Z FLIR	EO-IR, FLIR/IRST		
83	Israel	ELTA	EL/M-2022U	Radar, Maritime Surveillance	Heron	IAI-Malat, Israel
			EL/M-2055	SAR/GMTI	Nishant	ADE Bangalore, India
					Heron, Searcher II	IAI, Israel
84	Israel	ELTA	EL/M-2060 series	Synthetic Aperture Radar		
85	Israel	EMIT Aviation	Microview	EO/IR	Dragonfly 2000	
					Sparrow N	
86	Israel	IAI-TAMAM Division	HMOSP	EO-IR, FLIR/IRST	Ranger	RUAG Aerospace, Switzerl.
87	Israel	IAI-TAMAM Division	Micro-POP	EO-IR, Integrated/ Multisensor System	Birdeye-400	IAI-Malat, Israel;
					Shadow 200	AAI Corp,USA
88	Israel	IAI-TAMAM Division	Mini POP	EO-IR, Integrated/ multisensor System		
89	Israel	IAI-TAMAM Division	Modular Lightweight System (MLFS)	FLIR		
90	Israel	IAI-TAMAM Division	MOKED	EO-IR, FLIR/IRST	Hunter	IAI-Malat, Israel
					Pioneer	Pioneer UAV Inc., USA
					SIVA	INTA,Spain
91	Israel	IAI-TAMAM Division	Multimission Optronic Stabilized Payload	EO-IR, Integrated/ multisensor System		
					Hunter	IAI, Israel
					Hermes450	Elbit, Israel;
					Searcher 2	IAI, Israel
					Ranger	RUAG,Switzerland
					Shadow 200	AAI Corp, USA
					MiniFalcon	Innocon, Israel
92	Israel	IAI-TAMAM Division	POP 200	EO-IR, Integrated multisensor system		
93	Israel	Opgal Optronic Ind.	EYE-LITE	EO-IR, FLIR/IRST		
94	Israel	Opgal Optronic Ind.	M2TIS	EO-IR		
95	Israel	Rafael	FLIR	FLIR		
96	Israel	Rafael	Lilliput-1	EO / laser		
97	Israel	Rafael	TAOS	EO/IR		
98	Israel	Rafael	TOPLITE	Antenna & sensor pedestals		
99	Israel	Tadiran Spectralink	SAR-UAV	SAR		
100	Israel	Topi-Vision	LEV 2	EO	Casper 200	Topi-Vision, Israel
101	Israel	Topi-Vision	LEV 3	EO		
102	Israel	Wireless Avionics	BTA-DOG 3	EO		
103	Italy	Selex-Galileo	EOST-45/M	EO	Falco	Galileo Avionica, Italy
104	Italy	Selex-Galileo	Galfir Astro	EO-IR		
105	Italy	Selex-Galileo	Gabbiano Family	Radar	Falco	Galileo Avionica, Italy
106	Italy	Selex-Galileo	PicoSAR	SAR	Falco	Galileo Avionica, Italy
107	Italy	Selex-Galileo	T-20	Radar		
108	Japan	Mitsubishi Electronics	IR-G600	IR	GNAT 750	General Atomics AS, USA
109	Japan	Mitsubishi Electronics	IR-M700	IR		
110	Netherlands	Adimec Adv. Images	TMX Airborne Cameras	EO-IR		
111	Netherlands	HighEye	Sphere 40	EO		
112	Netherlands	Thales NL & TNO	Mini SAR	Mini SAR		
113	Russia	A Level Aerosystems	Videocamera	EO		
114	Russia	UOMZ	GOES 520	EO		
115	Spain	University of Madrid	MINISARA	Mini SAR		
116	S. Africa	Carl Zeiss Optronics	Argos 410			
117	S. Africa	Carl Zeiss Optronics	Goshawk 350	EO / FLIR	Seeker	Denel Aerospace, S.Africa
118	S. Africa	Carl Zeiss Optronics	Goshawk 410	EO / FLIR		
119	S. Africa	Carl Zeiss Optronics	Goshawk 350-200	EO-IR, FLIR/IRST		
120	S. Africa	Carl Zeiss Optronics	Goshawk 350-300	EO-IR, FLIR/IRST		
121	S. Africa	Carl Zeiss Optronics	Goshawk 350-400	EO-IR, FLIR/IRST		
122	S. Africa	Carl Zeiss Optronics	Goshawk 350-500	EO-IR, FLIR/IRST		
123	S. Africa	Carl Zeiss Optronics	Goshawk 350-600	EO-IR, FLIR/IRST		

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124	S. Africa	Carl Zeiss Optronics	Goshawk 350-700	EO-IR, FLIR/IRST		
125	S. Africa	Carl Zeiss Optronics	Goshawk 350-800	EO-IR, FLIR/IRST		
126	S. Africa	Carl Zeiss Optronics	Goshawk 350-900	EO-IR, FLIR/IRST		
127	S. Africa	Carl Zeiss Optronics	Goshawk 400-100	EO-IR, FLIR/IRST		
128	S. Africa	Carl Zeiss Optronics	Goshawk 400-200	EO-IR, FLIR/IRST		
129	S. Africa	Carl Zeiss Optronics	Goshawk 400-300	EO-IR, FLIR/IRST		
130	S. Africa	Carl Zeiss Optronics	Goshawk 400-400	EO-IR, FLIR/IRST		
131	S. Africa	Carl Zeiss Optronics	Goshawk 400-500	EO-IR, FLIR/IRST		
132	S. Africa	Carl Zeiss Optronics	Goshawk 400-600	EO-IR, FLIR/IRST		
133	S. Africa	Carl Zeiss Optronics	Goshawk 400-700	EO-IR, FLIR/IRST		
134	S. Africa	Carl Zeiss Optronics	Goshawk 400-800	EO-IR, FLIR/IRST		
135	S. Africa	Carl Zeiss Optronics	Goshawk 400-900	EO-IR, FLIR/IRST		
136	S. Africa	Carl Zeiss Optronics	Kenis	IR		
137	S. Africa	Carl Zeiss Optronics	LEO II	EO-IR, FLIR/IRST		
138	S. Africa	M-Tek	Vulture II payload	EO & near infra-red	Vulture	ATE, S. Africa
139	Sweden	Cybaero	A-CAM 2	EO	Apid	Cybaero, Sweden
140	Sweden	Polytech AI	Cobalt 275	EO-IR		
141	Sweden	Polytech AI	Cobalt 350	EO-IR		
142	Sweden	Polytech AI	Corona 350	Gimballed IR		
143	Sweden	Polytech AI	Kelvin 275 I	Gimballed radiometric (powerline insp)		
144	Sweden	Polytech AI	Pixel 275 I	EO-IR		
145	Sweden	Polytech AI	Pixel 350 RC	EO-IR		
146	Sweden	Saab Aerotech Telub	Ugglan Sensor Pod	EO & IR		
147	Sweden	Swesystem	Explore 300 HD IR	IR		
148	Sweden	Swesystem	Explore 300 UV	EO		
149	Sweden	Swesystem	Explore 300 GAS	EO		
150	Turkey	Aselsan Inc.	ASELFLIR-200	EO-IR, FLIR/IRST		
151	Turkey	Vestel Defence Ind.	GOZ payload	EO-IR, Camera/TV		
152	UAE	Adv. Target Systems	ADFLIR			
153	UK	EADS Astrium	Quasar	SAR		
154	UK	QinetiQ	VLADIMIR	IR	Observer	Cranfield & QinetiQ, UK
155	UK	Rubicon SD	AH1	Antenna & sensor pedestal		
156	UK	Rubicon SD	AH2	Antenna & sensor pedestal		
157	UK	Rubicon SD	GH3	Antenna & sensor pedestal		
158	UK	Rubicon SD	MH2D	Antenna & sensor pedestal		
158	UK	Selex-Galileo	MRT-S	IR	Phoenix	BAE Systems, UK
159	UK	Selex-Galileo	PicoSAR	SAR/GMTI	Falco	Galileo Avionica, Italy
160	UK	Selex-Galileo	Sea Spray 2000	Radar, Maritime		Surveillance
161	UK	Selex-Galileo	Sea Spray 3000	Radar, Maritime		Surveillance
162	UK	Selex-Galileo	SLX I & SLX II	IR		
163	UK	Selex-Galileo	Sigma	IR		
164	UK	Selex-Galileo	TICM II	EO-IR, Thermal Imager	Phoenix	BAE Systems, UK
165	UK	Selex-Galileo	Titan 385 MultiSensor Turret System	EO-IR		
166	UK	SkyShips	Exsyght	EO		
167	UK	SkyShips	M250	EO		
168	UK	SkyShips	M320	EO		
169	UK	Thales	AGILE	IR		
170	UK	Thales	Coastmaster	Radar		
171	UK	Thales	Digital Joint	EO IR Reconnaissance POD		
172	UK	Thales	Imagery on Demand	Image compression & storage	Watchkeeper	Thales, UK
173	UK	Thales	I-Master	SAR/MTI		
174	UK	Thales	IRLS 1200 series	IR - linescanner	CL-289	EADS France & Germany
175	UK	Thales	Type 8010	EO		
176	UK	Thales	Type 8042	EO		
177	UK	Thales	Vigil 1200-Super Vigil	IR - linescanner		
178	UK	Thermoteknix	110K	IR	Zephyr	QinetiQ, UK
179	UK	Thermoteknix	110K LITE	IR	Zephyr	QinetiQ, UK
180	UK	Thermoteknix	110K-25 XTi	IR		
181	UK	Thermoteknix	110KS XTi	IR		
182	UK	Thermoteknix	110KCS	IR	SR20	Rotomotion, USA
183	UK	Thermoteknix	307K	IR		
184	UK	Thermoteknix	640FF	IR		
185	UK	Thermoteknix	Miricle	110K/307K Gimbal		
186	USA	BAE Systems	D-500	IR - linescanner	SkyEye	BAE Systems, UK
187	USA	BAE Systems	PoleMounted Camera	EO & IR		
188	USA	BAE	Aurora 600	EO&IR		
189	USA	BAE Systems	SCC500 Micro IR	IR		
190	USA	Cloud Cap Techno.	Tase	EO/IR		
191	USA	Cloud Cap Techno.	Tase Duo	EO/IR		
192	USA	Cloud Cap Techno.	Tase LT			
193	USA	Cloud Cap Techno.	T 2			
194	USA	DRS Technologies	GS207	EO & IR		
195	USA	EDO Def.Prog & Tech.	AN/APS-144	SAR/MTI		
196	USA	EMX	Aeroscout	EO IR		
197	USA	Flight Landata	BuckEye	EO	Arrow	Neany, USA
198	USA	FLIR Systems	Brite Star	EO & IR	FireScout	Northrop Grumman, USA
199	USA	FLIR Systems	MicroStar	EO & IR	Shadow 200	AAI Corp, USA
200	USA	FLIR Systems	MicroStar II	EO & IR & laser		
201	USA	FLIR Systems	Mk II	IR		
202	USA	FLIR Systems	MEP			
203	USA	FLIR Systems	Star Safire HD	EO & IR		

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204	USA	FLIR Systems	Star Safire III	EO & IR & laser		
205	USA	FLIR Systems	Talon			
206	USA	FLIR Systems	Ultra 8500	IR		
207	USA	FLIR Systems				
		(ex-Indigo Systems)	Alpha	IR	Pointer	AeroVironment, USA
208	USA	FLIR Systems	Apache	IR		
		(ex-Indigo Systems)				
209	USA	FLIR Systems	PathFindIR	IR		
		(ex-Indigo Systems)				
210	USA	FLIR Systems	Phoenix	IR		
		(ex-Indigo Systems)				
211	USA	FLIR Systems	Photon	IR	DragonEye, Raven-B	AeroVironment, USA
		(ex-Indigo Systems)				
212	USA	FLIR Systems	Thermovision Micron	IR		
		(ex-Indigo Systems)				
213	USA	FLIR Systems	445G Mk II	EO & IR	Shadow 600	AAI Corp, USA
		(ex-Inframetrics)				
214	USA	FLIR Systems	MilCAM	IR		
		(ex-Inframetrics)				
215	USA	General Atomics AS	Lynx	SAR/GMTI	I-Gnats, Predator	General Atomics AS, USA
216	USA	General Atomics AS	Lynx ER	Radar		
217	USA	General Atomics AS	Lynx II	Radar		
218	USA	Goodrich	DB-110	EO & IR		
219	USA	Goodrich (exSensors)	SU320MVis-1.7RT	EO & IR		
220	USA	Goodrich (exSensors)	SU320MX-1.7RT	IR		
221	USA	Goodrich (exSensors)	SU320US-1.7RT	IR		
222	USA	Goodrich (exSensors)	SU640SDV-1.7RT	IR		
223	USA	Goodrich (exSensors)	SU320uSVis-1.7RT	EO & IR		
224	USA	Imaging Microsensors	microSAR	SAR		
225	USA	Imaging Microsensors	miniSAR	SAR		
226	USA	ImSAR	NanoSAR	SAR		
227	USA	Insitu Group	Alti-Cam	EO		
228	USA	Irvine	CAM-NOIR	IR		
229	USA	L-3 BAI Aerosystems	Miniature PTZ	EO	Javelin	L3 BAI Aerosystems, USA
230	USA	L-3 BAI Aerosystems	Series 52	EO/laser		
231	USA	L-3 BAI Aerosystems	Series 66	EO/IR		
232	USA	L-3 Comms CE	NightConqueror II	IR		
234	USA	L-3 Communications	Sonoma 252	EO & IR / laser		
235	USA	L-3 Communications	Sonoma 333	EO & IR / laser		
236	USA	L-3 Communications	Sonoma 474	EO & IR / laser		
237	USA	L-3 Communications	Sonoma 495	EO & IR / laser		
238	USA	L-3 Communications	Sonoma M11	EO & IR / laser		
239	USA	L-3 Comms Wescam	12 DS/TS-200	EO	Pioneer	Pioneer UAV Inc, USA
240	USA	L-3 Comms Wescam	Model 14TS	EO & IR	RQ-1A Predator	General Atomics AS, USA
241	USA	L-3 Comms Wescam	MX-15 series			
242	USA	L-3 Comms Wescam	MX-20	EO & IR		
243	USA	L-3 Comms Wescam	Model MX Series	EO & IR / Laser		
244	USA	Lockheed Martin	ASTAR	MTI		
245	USA	Lockheed Martin	STacSAR	SAR		
246	USA	Lockheed Martin	SNIPER XR	FLIR / laser		
247	USA	Lockheed Martin	Tracer	Radar		
248	USA	Mitsubishi Electronics	IR-G600	IR		
249	USA	Mitsubishi Electronics	IR-M700	IR	Gnat750	General Atomics AS, USA
250	USA	NASA Jet Prop. Lab	UAVSAR	SAR		
251	USA	NASA Ames RC	Auto. Modular Sensor	Scanning spectrometer		
252	USA	Northrop Grumman	AN/ZPQ-1 TESAR	SAR/MTI	Predator A	General Atomics AS, USA
253	USA	Northrop Grumman	E-LASS/ATLASS	Radar		
254	USA	Northrop Grumman	Raven Eye 1	EO		
255	USA	Northrop Grumman	Raven Eye 2	EO		
256	USA	Northrop Grumman	Starlite	SAR/GMTI	MQ-1C Sky Warrior	General Atomics AS, USA
257	USA	Northrop Grumman	TUAVR	SAR/MTI	Shadow 200	AAI Corp., USA
258	USA	Northrop Grumman	Night-Hunter II	EO & IR		
259	USA	Optical Alchemy	KJ 600 Series	IR		
260	USA	Optical Alchemy	KJ 800 Series	IR		
261	USA	Polytech	WhiteStar 275 I	FLIR		
262	USA	Raytheon ES	AN/AAS-44(V)	EO & IR / Laser	Predator	General Atomics AS, USA
263	USA	Raytheon ES	ASARS-2	SAR / MTI	GlobalHawk	Northrop Grumman, USA
264	USA	Raytheon ES	Galileo	IR		
265	USA	Raytheon ES	HISAR-2K	SAR	Global Hawk	Northrop Grumman, USA
266	USA	Raytheon ES	ISS	EO/IR/SAR	Global Hawk	Northrop Grumman, USA
267	USA	Raytheon ES	Radiance	IR		
268	USA	Raytheon ES	Rayflir-49	IR		
269	USA	Raytheon S&AS	AN/AAS-52 MTS	EO & IR / Laser	Predator	General Atomics AS, USA
270	USA	Raytheon S&AS	MTS-B	EO & IR / Laser		
271	USA	Raytheon S&AS	SeaVue	Radar		
272	USA	Recon Optical	CA-236	EO - panoramic		
273	USA	Recon Optical	CA-256 Millennium	IR		
274	USA	Recon Optical	CA-265			
275	USA	Recon Optical	CA-295			
276	USA	Resonon	Pika II	Spectrometer		
277	USA	Sandia National Lab.	miniSAR	SAR	tested on Shadow200	AAI Corp., USA
278	USA	Telephonics	RDR-1700B	Radar	MQ-8B Fire Scout	Northrop Grumman, USA
279	USA	Vexcel	Ultracam D	EO	DA42 MPP	Diamond Aircraft, Austria