

# In-Production and Under-Development Unmanned Aircraft

PRIME ALT NAME	MODEL DESIGNATION	MISSION	OVERALL LENGTH	MAX OVERALL SPAN	BODY DIAMETER	LAUNCH WEIGHT	POWERPLANT QTY	MAKE MODEL	PAYLOAD MFR	PAYLOAD TYPE	SPEED	ENDURANCE OR MAX RANGE	MAX ALTITUDE	STATUS OUTLOOK	REMARKS
A. S. Yakovlev Design Bureau OJSC	Albatros	Reconnaissance	15.7						A.S. Yakovlev	TV, Infrared (IR), Camera, Env. Sensors	186	7 hr./62 mi.	1,155	In development.	Vertical takeoff landing. Tilting prop rotor.
A. S. Yakovlev Design Bureau OJSC	Expert	Reconnaissance	6.9			88.2			A.S. Yakovlev	TV, Infrared (IR), Camera, Env.Sensors	68.2	6 hr./62 mi.	1,485	In development.	
A. S. Yakovlev Design Bureau OJSC	Pchela-1T	Reconnaissance	9.1	10.7	1	304	1	X Kuznetsov, 32 hp.		TV	81	2 hr.	8,202	In service as part of Stroy-P system.	
AAI Corp.	RQ-19 Aerosonde	Multimission	5.6	9.5	0.6 X 0.75	33	1	X Aerosonde H-Type, 1.2 kw. EFI	Aerosonde	Electro-optical (EO)/Infrared (IR)/Electronic Warfare (EW) meteorological	50-80	30 hr./2,000 mi.	20,000		Scientific observation, remote sensing, radio relay.
AAI Corp.	RQ-7B Shadow	Multimission	11.2	14	0.9	375/385/400	1	X UAV Engines Ltd. AR 741 rotary	Tamam	Electro-optical (EO)/Infrared (IR), optional LD/LRF	135	5.5-7 hr./77.7 mi.	15,000		Fielded. US Army tactical unmanned aircraft system. Launch weight is 385 with FRP V configuration, 400 with LD payload noise reduction kit on FRP V. Maximum endurance varies as a function of weight and mission profile.
Advanced Technologies & Engineering Co.	Kiwit	Reconnaissance/Surveillance	3.3	5.9	0.1	77	1	X electric			31	1 hr./3.1 mi.	495		Hand-launched mini UAV auto flight/auto recovery used by infantry, special forces, crime prevention services.
Advanced Technologies & Engineering Co.	Roadrunner	Surveillance	4.2	4.9		132						1 hr.			Mini UAV. Rhombic wing.
Advanced Technologies & Engineering Co.	Vulture	Multimission	10.2	17.1	2.3	276	1	X 38 hp. fuel-injected piston engine	M-Tek	Optronic day sight	100	3 hr./125 mi.	16,400		In production for South African Army.
Aeronautical Development Agency	Nishant	Reconnaissance/surveillance/target acquisition		21		838	1	X Alvis AR-801	ADE	Electro-optical (EO)/Infrared (IR)/laser		5 hr.	13,000		In production.
Aeronautics Defense Systems Ltd.	Aerolight	Surveillance	8.4	13		88					57.5	4 hr.	10,000		17.6-lb. payload.
Aeronautics Defense Systems Ltd.	Aerostar	Surveillance/target acquisition	15	21		460					69	12 hr.	18,000		110-lb. payload.
Aeronautics Defense Systems Ltd.	Dominator	Multimission	26.2	26.2		1,764	1	X Lycoming 160 hp.			105-173		25,000		882-lb. payload.
Aeronautics Defense Systems Ltd.	Orbiter	Reconnaissance/Surveillance	3.2	7.2		14.3	1	X electric	Controp	Color video	86.3	1.5 hr.	15,000		Hand-/bungee-launched mini UAV.
AeroVironment, Inc.	RQ-11B Raven	Reconnaissance/surveillance/target acquisition	3	4.5	0.3	4.2	1	X 200W DC electric	AeroVironment	Electro-optical (EO) color video/Infrared (IR)	25-80	1.5 hr./6 mi.	10,000		4,000 delivered to US forces since 2003.
AeroVironment, Inc.	RQ-20A Puma AE	Multipurpose/reconnaissance	5.9	8.5	0.4	12	1	X 600W DC electric	AeroVironment	Electro-optical (EO) color/Infrared (IR)	46-90	4 hr./9 mi.	1,000		Production prototype delivered to US forces.
AeroVironment, Inc.	RQ-22 Global Observer	High-altitude, long-endurance	Scalable	250	Scalable	10,000		Liquid hydrogen propulsion system	AeroVironment	Telecom/imaging/mapping	Loitering	336 hr./global	70,000		World's first liquid hydrogen-powered UAV flight, May 26, 2005.
AeroVironment, Inc.	SwitchBlade	Rapid-response RSTA	1.2	1.9	0.25	1.5		Ballistic launch/electric	AeroVironment	3 X Electro-optical (EO) color video/1 X Infrared (IR)	90	0.8 hr./5 mi.	10,000		In development. Flight testing for US Army.
AeroVironment, Inc.	Wasp III	Reconnaissance/Surveillance	1.25	2.4		0.95	1	X electric	AeroVironment	Electro-optical (EO)/Infrared (IR) cameras	40-60	45 min.	1,000		Limited rate initial production.
Alenia Aeronautica S.p.A.	Sky-X	Multipurpose	23	20		2,645	1	X Microturbo TR160-5	Alenia Aeronautica, Various	Electro-optical (EO)/Infrared (IR), weapons	490	115 mi.	30,000		Part of the Neuron UCAV project led by Dassault Aviation.
Alenia Aeronautica S.p.A.	Sky-Y	Multipurpose	31.9	32.6		2642	1	engine				14 hr./575 mi.	25,000+		Testbed for a MALE product, and for Molyx, a HALE system
Aurora Flight Sciences	GoldenEye 50	ISR	2.25	4.5	1.5	17	1	X Cimmaster custom engine	Various	Electro-optical (EO), chemical sensing	60	45 min.	5,000		Maritime law enforcement, homeland security.
Aurora Flight Sciences	Orion MALE	Long endurance ISR/communications relay	57	132	21	8,900	2	X heavy fuel engines	Various	Various	140 mph	5 day	30,000		In development.
BAE Systems Plc.	Taranis	Multipurpose	37.5	32.8		16,000	1	X Rolls-Royce Adour MK951	BAE Systems	Various		16 hr.			In development. Numbers preliminary. Ground testing in 2009. Autonomous.
BAE Systems, Inc.	Silver Fox	Recon./surveillance	4.8	8	0.4	25	1	engine			52	8 hr.	12000		
Boeing Defense, Space & Security	MQ-18 A160 Hummingbird	Reconnaissance/surveillance/target acquisition	35	36 (rotor)		5,000-6,500				Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR), Foliage Penetration (Fopen)	196	20 hr./2,500 mi.	30,000		Demonstrator in development. 1,000-lb. payload.
Boeing Defense, Space & Security	Phantom Eye	Multipurpose/recon.		150		9800	2	engines			230	96 hr.	65000		HALE.
Boeing Defense, Space & Security	Phantom Ray	Multipurpose	36	50		36,500	1	X F-404-GE-102D			614		40000		""One-off"" demonstration and test-bed vehicle."
Chung-Shan Institute of Science and Technology (CSIST)	Chung Shyang II		19.5	25		1,000				Electro-optical (EO)/Infrared (IR)	90-130	10+ hr.	12,000+		In development.
Chung-Shan Institute of Science and Technology (CSIST)	Kestrel II	Multipurpose	13.1	16.1		264				Daylight TV/Forward-Looking Infrared (Flir)	80	8 hr.	12,000		Runway-/catapult-launched.
Composite Engineering, Inc.	MQM-107 Streaker	Reconnaissance/surveillance/target acquisition	18	9.9	1.2	1,464	1	X Microturbo TR160-2 turbojet	Raytheon		575	2 hr. 18 min.	40,000		Surface-launched, parachute recoverable.
CybAero AB	Apid 60	Multipurpose	13.2			352			CybAero	Various	55.8	3-6 hr.	9,900		Fully autonomous. Vertical Takeoff and Landing (VTOL).
CybAero AB	Vantage	Multipurpose	9.4			380	1	X UEL 801 42 hp.	CybAero	Various	114.7	3-5 hr.	8,000		Fully autonomous. Vertical Takeoff and Landing (VTOL). In development. Dassault Aviation is prime contractor of a European industrial team composed of Alenia, Saab, Eads-Casa, Hai, and Ruag.
Dassault Aviation	nEUROn	UCAV technology demonstrator	30.5	41		15,400			Dassault Aviation	Various	M 0.85				In development. Dassault Aviation is prime contractor of a European industrial team composed of Alenia, Saab, Eads-Casa, Hai, and Ruag.
Denel (Pty) Ltd.	Bateleur	Long-dur./surveillance	24	46	3.8	2,200	1	X Rotax 914 100 hp. or Subaru EA-82T 160 hp.	Denel Optronics/Avtronics	Various	115	24 hr./470 mi.	25,000+		In development. 440-lb. payload.
Denel (Pty) Ltd.	Seeker IIE	Surveillance	14.4	23		530		Limbach L550	Denel Optronics/Avtronics	Electro-optical (EO)/Infrared (IR)/Electronic Support Measures (ESM)	80	15 hr./155 mi.	18,000		In production.
Denel (Pty) Ltd.	Skua	Reconnaissance/target	18	11	1.5	1,760		Microturbo TR160-5	Various	Miss-distance indicator/tow targets	M 0.85	1.3 hr./550 mi.	40,000		In production.
DRS Unmanned Technologies	RQ-15 Neptune	Reconnaissance/surveillance/target	6	7	4.8 X 2.3	144	1	X LAE 150, 14 hp.	Various	Various	55-80	3 hr.	8,000		Maritime vehicle. Pneumatic launch. Skid or parachute recovery.
DRS Unmanned Technologies	Sentry HP	Reconnaissance/surveillance/target	11	12.8	4.4 X 4.5	420	1	X Zanzottera 498is, 38 hp.	Various	Various	60-90	6 hr.	10,000		Pneumatic or wheeled launch. Wheeled or parafoil recovery.
EADS 3 Sigma	Nearcos	Recon./surveillance	13	16.7		132	1	engine			136	12 hr.	22960		
EADS Deutschland-Ulm GmbH	Orka 1200	Maritime/army ops.	20	24		1,500	1	engine	EADS, various	Electro-optical (EO)/Infrared (IR), Electronic Support Measures (ESM)/Electronic Countermasures (ECM), Low Density (LD), Medium-Power Radar (MPR), Synthetic Aperture Radar (SAR), TV	105	8 hr.	12,000		In development.
EADS Deutschland-Ulm GmbH	Scorpio 30	Observation/surveillance	7	7		84	2	engines	EADS, various	Electro-optical (EO)/Infrared (IR), TV	27	2 hr.	6,500		In development.
EADS Deutschland-Ulm GmbH	Scorpio 6	Observation/surveillance	6	6		29	1	engine	EADS, various	Electro-optical (EO)/Infrared (IR), TV	19	1 hr.	6,500		In service.
EADS Deutschland-Ulm GmbH	Tracker	Surveillance/reconnaissance	5	12		16	2	X electric	EADS, various	2-axis day/night camera	32	2 hr.	6,500		In development.
Ebit Systems Ltd.	Hermes 1500	Reconnaissance/surveillance/target	30.8	49.2	2.4 X 3	3,640	2	X Rotax 914, 100-hp. (each) rotary	Various	Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR), comint, elint	80-130	26 hr./125 mi.	30,000		Multi-payload UAV.
Ebit Systems Ltd.	Hermes 180	Istar	14.5	19.7	1.7	430	1	X UEL AR-74-1000 38-hp. rotary	Various	Electro-optical (EO)/Infrared (IR)	70-105	10 hr./95 mi.	15,000		Runway-/catapult-launched. Runway/parachute/airbag recovery.
Ebit Systems Ltd.	Hermes 450	Multipurpose	20	34.5	1.7	990	1	X UEL AR-80-1010 52-hp. rotary	Various	Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR), comint, elint	70-95	20 hr./125 mi.	18,000		In service. Runway Automatic Takeoff & Landing (ATOL).
Ebit Systems Ltd.	Hermes 90	Recon./surveillance		16.4		242	1	engine				15 hr.	150		
Ebit Systems Ltd.	Hermes 900	Multipurpose		49.5		2,134			Various	Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR)/Ground Moving-Target Indicator (GMTI)comint DF, elint		40 hr.	33,000		In development. Expected to fly in 2009.
Ebit Systems Ltd.	Skylark II	Reconnaissance/Surveillance	13			77	1	X electric	Various	Electro-optical (EO)/Infrared (IR)	20-40	4 hr./28 mi.	15,000		Bungee-launched, parachute and airbag recovery.
Ebit Systems Ltd.	Skylark I-LE	Reconnaissance/Surveillance	7			10	1	X electric	Various	Electro-optical (EO) or Infrared (IR)	20-40	1.5 hr./6 mi.	15,000		In service. Hand-/bungee-launched, airbag recovery.
EMT Ingenieurgesellschaft	Aladin	Reconnaissance/surveillance/target acquisition	5	5		88	1	X electric	Various	Electro-optical (EO)/Infrared (IR)		60 min./+9.3 mi.	13,200		In service.
EMT Ingenieurgesellschaft	Fancopter	Reconnaissance/Surveillance		1.98		3.3	1	X electric		Daylight, low-light, Infrared (IR)		25 min./0.62 mi.			For urban environment and indoors. Auto takeoff/vertical landing.
EMT Ingenieurgesellschaft	Luna	Reconnaissance/surveillance/target acquisition	7.7	13.9		88	1	X 8 hp.	Various	Electro-optical (EO), Infrared (IR), Synthetic Aperture Radar (SAR), data link	37-75	6 hr./+62 mi.	16,500		In service.
EMT Ingenieurgesellschaft	Museco	Reconnaissance	9	3.1		110	1	engine				2 hr.			
ENICS JSC	Eleron	Surveillance	1.3	4.6	0.3	6.5	1	X electric		Real-time color TV	40-65	1 hr./6.5 mi.	2,000		Backpack-portable. Surveillance system.
ENICS JSC	R90	Tactical reconnaissance	4.7	8.4	0.7	99	1	X M44D pulse jet		TV	75	0.5 hr./36 mi.	10,000		Aircraft container-launched. Production by request.
Fuji Heavy Industries Ltd.	FFOS	Surveillance	17.4	14.8	3.9	606	1	X MG6	Fuji		84	3 hr.			Rotary-winged vehicle.
Fuji Heavy Industries Ltd.	RPH-2	Multipurpose	31.1	15.7	4.2	660	1	X EC-68	Fuji		62	1 hr.			Helicopter type for agricultural and other uses.
General Atomics Aeronautical Systems, Inc.	MQ-1C Gray Eagle	Long-duration reconnaissance/surveillance/strike	28	56	3.7	3,200	1	X Thielert 1.7-liter diesel, heavy fuel, 135 hp.	Various	Electro-optical (EO)/Infrared (IR), Low Density (LD), Synthetic Aperture Radar (SAR), sigint, comm relay, weapons	173	30 hr. +	29,000		In production for US Army. Equipped with ATOL and tactical common data link (TCDL).
General Atomics Aeronautical Systems, Inc.	MQ-1 Predator A	Long-duration reconnaissance/surveillance/strike	27	55	3.6	2,500	1	X Rotax 914 turbocharged, gasoline, 105 hp.	Various	Electro-optical (EO)/Infrared (IR), Low Density (LD), Synthetic Aperture Radar (SAR), sigint, weapons	138	40 hr.+	25,000		In production for US and Italian air force.

General Atomics Aeronautical Systems, Inc.	MQ-9 Reaper (Predator B)	Long-duration reconnaissance/surveillance/strike	36	66	3.7	10,500	1 X Honeywell TPE331-10 turboprop, 900 hp.	Various	Electro-optical (EO)/Infrared (IR), Low Density (LD), Synthetic Aperture Radar (SAR), sigint, weapons	276	30 hr.+	50,000	In production for US Air Force, DHS/CBP, US Navy, NASA and Royal Air Force, and Italian Air Force.
General Atomics Aeronautical Systems, Inc.	Avenger (Predator C)	Multi-mission intelligence/surveillance/reconnaissance	38	64	6	16,800	1 X PW545B turbofan, 4,800 lb. thrust	Various	Electro-optical/infra-red, synthetic aperture radar	460	20 hr.	50,000+	In flight test.
Honeywell Aerospace	RQ-16 T-Hawk MAV	Reconnaissance/Surveillance			1.2	17			Electro-optical (EO), long-wave Infrared (IR), mid-wave Infrared (IR), comm. relay	46	40 min.	7,000	In production. Deliveries set for December 2009. Ducted-fan verticaltakeoff and landing.
Insitu	RQ-21A STUAS/Integrator	intel/surveillance/reconnaissance	7.16	16	0.83 X 0.83	135	1 X 8-hp. adv. reciprocating, gasoline or heavy fuel	Various	Electro-optical (EO), long-wave Infrared (IR), mid-wave Infrared (IR), comm. relay	63	Up to 40 hr.	20,000	Insitu independent development. Increased payload integration. In production early 2009.
Insitu	ScanEagle	Intelligence, surveillance, reconnaissance	4.5	10.2		28.8				92	24	19500	
Irkut Corp.	Irkut 200	Multipurpose	14.9	17.5		440	1 engine			130		16400	
Irkut Corp.	Irkut 3	Multipurpose	3	6.6		7.7	1 engine			56	1.25 hr.	9840	
Irkut Corp.	Irkut 850	Multipurpose	27.6	75.4		1894	1 engine			168	12 hr.	9840	
Irkut Corp.	Irkut-10	Multipurpose	2.3	6.6		18.7		Irkut	Infrared (IR), TV	49-74	2.5 hr.	9,900	In production. Hand-launched.
Irkut Corp.	Irkut-2M	Multipurpose	1.4	4.8		6.6	1 X electric	Irkut	TV	40-65	1.5 hr.	9,900	In production. Hand-launched.
Korea Aerospace Industries, Ltd.	Night Intruder 100N	Recon./surveillance	15	21		640	1 x 50hp rotary			115	6 hr.	15000	
Korea Aerospace Industries, Ltd.	RQ-101	Reconnaissance/surveillance/target acquisition	15.9	21	1.5	660	1 X 50-hp. rotary		Electro-optical (EO)/Infrared (IR)	75-115	6 hr./75 mi.	15,000	In production. In service for South Korean army and navy.
L-3 Unmanned Systems	Dakota	Reconnaissance/Surveillance	9.7	12.7		133	1 X Aerrow A-200 piston	L-3 Geneva Aerospace		126	3 hr. 20 min./136 mi.	15,000	In production.
L-3 Unmanned Systems-Cutlass	Evolution XTS	Intel, surveillance, reconnaissance	3.2	5.2		8.2	Dual brushless electric motors	L-3 BAI		30-40	1.5 Hr.	1,000	In production. Rucksack packable
L-3 Unmanned Systems-Cutlass	Viking 100	Intel, surveillance, reconnaissance	8.0	12.0		150	157cc. two-stroke twin or optional multi-fuel engine	L-3 BAI		55-65	6-8 hr./50 mi. LOS	10,000	In production.
L-3 Unmanned Systems-Cutlass	Viking 105	Intel, surveillance, reconnaissance	8.0	15.0		150	157cc. two-stroke twin or optional multi-fuel engine	L-3 BAI		55-65	10-14 hr./50 mi. LOS	10,000	In production.
L-3 Unmanned Systems-Cutlass	Viking 300	Intel, surveillance, reconnaissance	13.5	17.5		318	290cc. two-stroke twin	L-3 BAI		55-65	8-10 hr./50 mi. LOS	12,000	In production.
L-3 Unmanned Systems-Cutlass	Viking 400	Intel, surveillance, reconnaissance	14.7	20.0		493	498cc. two-stroke twin	L-3 BAI		65-75	12-18 hr./50 mi. LOS	15,000	In production.
Lockheed Martin	RQ-170	Reconnaissance, surveillance		66									Dimensions estimated from unofficial photographs.
Israel Aerospace Industries, Malat Division	Bird Eye 650	Surveillance	2.6	8.2		16.5	1 X electric		Electro-optical (EO)/Infrared (IR)		2 hr./4.6 mi.	1,000	In service.
Israel Aerospace Industries, Malat Division	Birds Eye 400	Surveillance	2.6	7.3		12.3	1 X electric		Electro-optical (EO)/Infrared (IR)		1 hr./6.2 mi.	1,000	In service.
Israel Aerospace Industries, Malat Division	E-Hunter	Multipurpose	24.7	54.5		2,100	2 X 64-hp. dual	IAI Tamam	Infrared (IR), TV, custom	122	25 hr./175 mi.	20,000	Runway takeoff/landing. Upgrade kit to Hunter.
Israel Aerospace Industries, Malat Division	Heron 1	Multipurpose	28.2	54.5	2.8	2,750	1 X 100 hp. Rotax	IAI Tamam, ELTA, various	Infrared (IR), TV, Synthetic Aperture Radar (SAR), Medium-Power Radar (MPR), Electronic Support Measures (ESM)	138	50 hr./932 mi.	30,000	In production. ATOL.
Israel Aerospace Industries, Malat Division	Heron TP	Multipurpose	39.4	75.5		7,720	1 X 1,200-hp. turboprop	IAI Tamam, various	EO, IR, LD, SAR, MPR, ESM, Comint, Satcom	242	36 hr./1,864 mi.	45,000	In production. ATOL.
Israel Aerospace Industries, Malat Division	Hunter MQ-5B	Reconnaissance/surveillance/target acquisition	22.6	34.45		1,947	2 X 64-hp. dual	IAI Tamam, various	EO, IR, ADR, customer-furnished payloads	127	12 hr./175 mi.	15,000	In production. US Army, Belgian army, French army operation. ATOL.
Israel Aerospace Industries, Malat Division	I-View MK150	Surveillance	10.2	18.8		352	1 X MDS 342 cc.		Electro-optical (EO)/Infrared (IR), TV		7 hr./62 mi.	17,000	In production.
Israel Aerospace Industries, Malat Division	I-View MK250	Surveillance	13.5	23.4		550	1 X 1.6-hp. reciprocating		Electro-optical (EO)/Infrared (IR), TV		8 hr./93 mi.	20,000	In production.
Israel Aerospace Industries, Malat Division	I-View MK50	Surveillance	8.9	13.2		143	1 X 17 hp., 4 strokes		Electro-optical (EO)/Infrared (IR), LRF, Laser pointer		6 hr./31 mi.	15,000	In production.
Israel Aerospace Industries, Malat Division	Mini Panther	Recon./surveillance		11.5		26	1 engine			26	1.5 hr./12 mi.	1000	
Israel Aerospace Industries, Malat Division	Mosquito	Surveillance	0.9	1.1		1.1	1 X electric, Bental		Color TV		45 mins with expendable batteries, 30 mins with rechargeable batteries/1.2 mi.	10,000	In development.
Israel Aerospace Industries, Malat Division	NRUAV	Multipurpose	42.4		36.4	4,840	Jet, turboshaft TM333	IAI Tamam, ELTA, various	Electro-optical (EO), Synthetic Aperture Radar (SAR), iSynthetic Aperture Radar (SAR)	115	6 hr./93 mi.	15,000	Automatic Takeoff & Landing (ATOL) from naval platforms.
Israel Aerospace Industries, Malat Division	Panther	Multipurpose/recon.	26.2			143	1 engine			46	6 hr./37 mi.	3000	
Israel Aerospace Industries, Malat Division	Ranger	Reconnaissance/surveillance/target acquisition	15.1	18.7		550	1 X 40-hp. reciprocating	IAI Tamam	EO, IR	120	6 hr./62 mi.	15,000	In production. ATOL.
Israel Aerospace Industries, Malat Division	Searcher Mk. II	Reconnaissance/surveillance/target acquisition	19.2	28.1		939	1 X 80 hp. Jabiro, 4 stroke, silent	IAI Tamam, ELTA, various	EO, IR, ADR, SAR, COMINT, ESM	120	20 hr./350 km.	23,000	In production. ATOL.
Meggitt Defence Systems	Spectre 2	Surveillance, EW	8.9	10.7	1.5	350	1 X MDS 342 cc.	Meggitt	Infrared (IR) camera	77-150	3-6 hr.	23,000	In service in France as Crecerelle.
Mission Technologies, Inc.	Buster	Reconnaissance/Surveillance	3.3	4		10	1 X 1.6-hp. reciprocating		CCD camera, Forward-Looking Infrared (Flir), Synthetic Aperture Radar (SAR)	35-80	4 hr.	10,000	Bungee-launched. US Army, UK Defense Ministry.
Mission Technologies, Inc.	Hellfox	Multimission	10	11		350	1 X 38-hp. reciprocating	Various	Electro-optical (EO)/Infrared (IR)	60-120	8 hr.	18,000	Short takeoff and landing.
Mission Technologies, Inc.	Mini-Vanguard	Multimission/surveillance	6.6	7.1		105	1 X 17-hp. reciprocating	Various	CCD camera, Electro-optical (EO)/Infrared (IR), Stabilized Electro-optical (EO)/Infrared (IR), Variable zoom cameras. DLSR mapping cameras, multi-spectral imagers, plus 30 pounds of additional capacity	50-110	4 hr.	15,000	For Swedish forces.
MLB Co.	Bat 4	Intelligence, Surveillance and Reconnaissance	8	13	2	100	1 X 3-W 106cc 2-stroke	Cloud Cap Tech	Stabilized Electro-optical (EO)/Infrared (IR), Variable zoom cameras. DLSR mapping cameras, multi-spectral imagers	35-60	8/320	12,000	In production
MLB Co.	Super Bat	Intelligence, Surveillance and Reconnaissance	6	8.5	.75	36	1 X Zenoah G-26 2-stroke	Cloud Cap Tech	Stabilized Electro-optical (EO)/Infrared (IR), Variable zoom cameras. DLSR mapping cameras, multi-spectral imagers	35-60	10 hr./400 miles	12,000	In production
MLB Co.	V-Bat	Intelligence, Surveillance and Reconnaissance	7	10	0.75	65	1 X 3-W 157cc 2-stroke	Cloud Cap Tech	Stabilized Electro-optical (EO)/Infrared (IR), Variable zoom cameras. DLSR mapping cameras, multi-spectral imagers	0-100	5/450	15,000	Production scheduled for 2012
Nil Kulon	Filin	Tactical reconnaissance				6,600	Turbojet		Infrared (IR), Side-Looking Airborne Radar (SLAR), TV	590	1 hr./186 mi.	19,686	Part of Malakit-F system, in development.
Nil Kulon	Moskit (Yula)	Tactical reconnaissance	13.3		20.3	638			Infrared (IR), radar det., TV	124	1.5 hr./50 mi.	11,483	Part of Yula reconnaissance system.
Northrop Grumman Aerospace Systems - El Segundo	MQ-8B Fre Scout	Multipurpose	22.9	27.5 (rotor)		3,150	1 X Rolls-Royce 250-C20W turboshaft	Northrop Grumman	Electro-optical (EO)/Infrared (IR)	144	8 hr./126 mi.	20,000	In development, low-rate initial production. 190-gal. fuel, 800-lb. payload.
Northrop Grumman Aerospace Systems - El Segundo	MQ-8C Fre Scout	Multipurpose	41.4	35		6000	1 X 250-C47B			153	14 hr.	20000	
Northrop Grumman Aerospace Systems - El Segundo	RQ-4 Block 10 Global Hawk	Reconnaissance	44.4	116.2	4.8	25,600	1 X Rolls-Royce AE3007H turbofan	Northrop Grumman	Synthetic Aperture Radar (SAR)/Moving-Target Indicator (MTI), Electro-optical (EO), Infrared (IR)	454	24 hr./13,810 mi.	65,000	In production.
Northrop Grumman Aerospace Systems - El Segundo	RQ-4B Block 20 Global Hawk	Reconnaissance	47.6	130.9	4.8	32,500	1 X Rolls-Royce AE3007H turbofan	Northrop Grumman	Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR)/Moving-Target Indicator (MTI), sigint	357	24 hr./13,810 mi.	60,000+	In development. 3,000-lb. payload. Block 30 will use EISS EO/IR/SAR sensor coupled with enhanced Sigint system. Block 40 will carry the multi-platform radar technology insertion program radar.
Northrop Grumman Aerospace Systems - El Segundo	MQ-5B Hunter	Multipurpose	23	34.25		1,800	2 X heavy fuel	Northrop Grumman	Electro-optical (EO), Infrared (IR), laser	70-138	15 hr.	20,000	
Northrop Grumman Aerospace Systems - El Segundo	MQ-4C Triton	Reconnaissance/Surveillance	47.6	130.9		32,250		Northrop Grumman	AIS, Electro-optical (EO)/Infrared (IR)		36 hr.	60,000	In development. Uses maritime derivative of the RQ-4, equipped with 360 deg. Multi-Function Action Sensor (MFAS) for US Navy.
Northrop Grumman Aerospace Systems - El Segundo	X-47B	Multipurpose	27.8	27.7		5,500	Pratt & Whitney F100-PW-220U	Northrop/Scaled Composites	Electro-optical (EO)/Infrared (IR), weapons	172	12 hr.	35,000	Carrier-based. Stealth design. In development for US Navy.
Northwestern Polytechnical University - School of Aeronautics	ASN-104/105	Reconnaissance	10.9	14.2		308	1 X HS-510	NPU		155	2 hr./186	10,560	Made by Xi'an ASN Technology Group. AS-104 is AKA D-4.
Northwestern Polytechnical University - School of Aeronautics	ASN-15	Reconnaissance/Surveillance	5.9	9.9		14.3		NPU		50-60	1 hr./6.2 mi.	165-1,650	Made by Xi'an ASN Technology Group.
Northwestern Polytechnical University - School of Aeronautics	ASN-206	Reconnaissance/Surveillance	12.5	19.7		488.4	1 X HS-700 reciprocating	NPU		113	4-8 hr./80 mi.	19,686	Made by Xi'an ASN Technology Group.
OJSC Kamov	Ka-137	Multipurpose	17.4		3.9	615	1 X Hirrh 2706 P05, 65 hp.	Various	Various	95	4 hr.	16,400	R/C helo. Programmable. In development.
Oregon Iron Works, Inc.	Sea Scout	Communication relay/surveillance	15.25	17	1.7	350	1 X AR74-1430	Oregon Iron Works	Electro-optical (EO)/ISR	92	5 hr./115 mi.	20,000	In development. Seaplane.

Raytheon Co.	Cobra	Reconnaissance/Surveillance	9.3	10.2	100	1 X Desert Aircraft DA-150	Raytheon	Radio	58-69	3 hr.		In production. Uses two separate control systems: the Raytheon Multi-Vehicle Control System (MVCS) and the Cloud Cap Technology Piccolground control station.	
Rheinmetall Defence Electronics GmbH	KZO	Damage assessment/Reconnaissance/target acquisition	7.5	11.2	355	1 X 24 kw. 2-stroke, 2-piston pusher propeller		Infrared (IR)	137	4 hr.+	13,123	In production.	
RUAG Aerospace	Ranger	Reconnaissance/surveillance/target acquisition	15.1	18.7	628	1 X Goebler-Hirth 42 hp., 2-stroke	IAI Tamam	Electro-optical (EO)/optional Synthetic Aperture Radar (SAR), elint	60-130	9 hr./97 mi.	18,000	In service with Finnish and Swiss forces.	
Saab AB	Skeldar V-200	Reconnaissance/surveillance/target acquisition	13.1	3.1	500	1 X 2-stroke, 2-piston or 1 X heavy fuel		Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR), Electronic Warfare (EW)	75	5 hr./110 mi.	11,500		
Sagem Defense Securite	Crecerelle-EW	Comm. jamming	9	10.8	265	1 X rotary	Sagem/Thales	Electronic Warfare (EW)	105	3.5 hr.	15,000	EW version is for communication jamming. French army.	
Sagem Defense Securite	Merlin	Surveillance	3.3	5.6	13.2	1 X electric	Sagem DS	Day/night camera		1 hr./34-47 mi.		In production.	
Sagem Defense Securite	Odin	Surveillance			7	1 X electric	Sagem DS	Day/night camera	6.2-62	30 min./0.62 mi.		In production.	
Sagem Defense Securite	Sperwer/Ugglan	Reconnaissance/target	11.5	13.8	660	1 X 65 hp., 2-stroke	Sagem DS	Electro-optical (EO)/Infrared (IR)/relay	105	6 hr./125 mi.	12,500	In production. Dutch, Swedish, Danish, Greek and Canadian armies.	
Sagem Defense Securite	Sperwer-B	Reconnaissance/multipurpose	12.8	22.3	770	1 X 65 hp.	Sagem DS	Electro-optical (EO)/Infrared (IR), relay, Synthetic Aperture Radar (SAR), elint	95	12 hr./125 mi.	18,000	In production.	
Schiebel Elektronische Gerate GmbH	Camcopter S-100	Reconnaissance/Surveillance		10.2	11.2	440	1 X 55 hp. Diamond	Schiebel	Electro-optical (EO)/Infrared (IR)	136.4	6 hr./50-80 mi.	18,000	In production. Also for maritime applications.
Selex Galileo S.p.A.	Asio	Surveillance		1.6	13.2	1 engine		Electro-optical (EO)/Infrared (IR)/Synthetic Aperture Radar (SAR)/NBC/Electronic Warfare (EW)	27.6	0.5 hr.		"Designed for perch-and-stare and "hover-and-stare."	
Selex Galileo S.p.A.	Falco	Long-dwell surveillance	15.8	24	1.9	900	1 X 75 hp.	Galileo Avionica, Various	Electro-optical (EO)/Infrared (IR), Synthetic Aperture Radar (SAR), Electronic Warfare (EW)	130	14 hr.	15,000	Autonomous nav./assisted surveillance. Low-rate initial production. .
Selex Galileo S.p.A.	Nibbio	Reconnaissance	13	7.5	1.4	800	1 X Microturbo TRS 18-1 turbojet	Galileo Avionica, Various	Electronic Support Measures (ESM), Infrared (IR), Synthetic Aperture Radar (SAR), Electronic Warfare (EW)	M. 0.84	1.5 hr.	40,000	In flight test. Autonomous navigation.
Singapore Technologies Aerospace Ltd.	FanTail 5000	Multipurpose/reconnaissance	3.8	1.9	0.5	12	1 X 22 cc., 2-stroke, gasoline, 3.5 hp.	Various	Electro-optical (EO)/Infrared (IR)	69	1 hr./6.2 mi.	3,000	In development.
Singapore Technologies Aerospace Ltd.	Skyblade II	Multipurpose/reconnaissance	3.9	5.9	1.3	16.5	Electric brushless or internal combustion, 3.5 hp.	Various	Day/night camera	80.5	1 hr. with electric or 2 hr. with IC/5 mi.	1,500	Production-ready.
Uconsystem, Inc.	RemoEye-002	Reconnaissance/Surveillance	4.3	4.9	0.4	4.4	1 X electric	Uconsystem (AV)	Electro-optical (EO)/Infrared (IR)	50	1 hr./6.2 mi.	3,000	In production. Automatic Takeoff & Landing (ATOL)
Uconsystem, Inc.	RemoEye-006	Reconnaissance/Surveillance	5.1	8.9	0.4	13.2	1 X electric	Uconsystem (AV)	Electro-optical (EO)/Infrared (IR)	47	1.5 hr./9.3 mi.	3,000	In production. Automatic Takeoff & Landing (ATOL)
Uconsystem, Inc.	RemoH-C100	Agricultural/surveillance	11.48	10.5	2.17	222	1 X 2-stroke, gasoline	Uconsystem (AV)	Spray system Electro-optical (EO)/Infrared (IR)	50	1 hr./0.6 mi.	1,500	In production. Vertical Takeoff and Landing (VTOL)
Yamaha Motor Co., Ltd.	RMAX	Surveillance	11.9	10.2	206.8	1 X 2-stroke, gasoline	Yamaha			1 hr.		"In production. New model "RMAX Type II G" developed in 2003 and contains GPS technology."	