

BLOS Drone List



1.844.SafeSky | 1.844.723.3759

www.VigilantAerospace.com

May 2017 | v3

Name	Model #	Manufacturer	Style	General Purpose	Weight	Max Speed	Endurance (min.)	Length	Wingspan	MTOW	Max Payload Weight	Remote Range	Website
AD2	AD2	Action Drone USA	Rotary Wing	Commercial			45			12 lbs (5.4 kg)			http://actiondroneusa.com/systems/ad2/
AT-100	100	Advanced UAV Technology, Ltd.	Rotary Wing	Commercial	661.4 lbs (300 kg)	160 km/h	360				(350 kg)	.93 miles (1.5 km)	http://www.aauvt.com/portfolio-item/at-1000/
AEE F100	AEE F100	AEE Technology	Rotary Wing	Commercial	13.23 lbs (6 kg)	62 mph (53.9 kt)	70		7.17'		5.51 lbs (2.5 kg)	6.2 miles (10 km)	http://en.aee.com/UAV/Inform.aspx?id=10000121
AEE F50	F50	AEE Technology	Rotary Wing	Commercial	4.4 lbs (2 kg)	50 mph (43.4 kt)	30						http://en.aee.com/UAV/Inform.aspx?id=10000120
AgBOT	AgBOT	Aerial Technology International	Rotary Wing	Commercial - Agriculture	10.4 lbs (4.72 kg)	38 mph (33 kt)	26						http://store.aerialtechnology.com/product/agbot-2/
Altura Zenith ATX4	ATX4	Aerialtronics	Rotary Wing	Commercial	7.72 lbs (3.5 kg)	22 mph (19 kt)	45	1.97'		11 lbs (5 kg)	3.09 lbs (1.4 kg)	1.24 miles (2 km)	http://aerialtronics.com/altura-zenith/payload-performance/
Altura Zenith ATX8	ATX8	Aerialtronics	Rotary Wing	Commercial	7.72 lbs (3.5 kg)	45 mph (39 kt)	35	1.97'		14.66 lbs (6.65 kg)	6.39 lbs (2.9 kg)	1.24 miles (2 km)	http://aerialtronics.com/altura-zenith/payload-performance/
Aeromapper Talon	TALON	Aeromao	Fixed Wing	Commercial	7.72 lbs (3.5 kg)	53 mph (46 kt)	120		6.5'			31.07 miles (50 km)	http://www.aeromao.com/aeromapper_talon_uav
Aeromapper 300	300	Aeromao	Fixed Wing	Commercial		56 mph (48.7 kt)	90		9.83'	11.79 lbs (5.35 kg)	1.43 lbs (.65 kg)	31.07 miles (50 km)	http://www.aeromao.com/aeromapper_300
Aeromapper EV2	EV2	Aeromao	Fixed Wing	Commercial	7.72 lbs (3.5 kg)		60		6.5'			31.07 miles (50 km)	http://www.aeromao.com/aeromapper_uav
ATMK09	ATMK09	Aerotestra	Rotary Wing	Commercial	6.12 lbs (2.8 kg)		25						http://www.aerotestra.com/atmk09/
SkyRanger	SkyRanger	Aeryon Labs	Rotary Wing	Commercial	5.3 lbs (2.4 kg)		50						http://www.aeryon.com/products/avs/aeryon-skyranger.html
RAPID	FX60	AgEagle Aerial Systems	Fixed Wing	Commercial - Agriculture			60	2.3'	4.67'		3 lbs (1.36 kg)		http://ageagle.com/technology/
R5	R5	Airmatics	Rotary Wing	Commercial		80.8 mph (70.2 kt)	30			132.3 lbs (60 kg)		17.6 lbs (8 kg)	http://www.airmatics.com/product/r5/
AirRobot AR200	AR200	AirRobot	Rotary Wing	Commercial	18.5 lbs (8.39 kg)	35 mph (30.4 kt)	50			22 lbs (10 kg)	7 lbs (3.18 kg)		http://www.airrobot.de/index.php/airrobot-products.html
AirRobot AR180	AR180	AirRobot	Rotary Wing	Commercial	11 lbs (5 kg)	28 mph (24.3 kt)	42			12 lbs (5.4 kg)	3.3 lbs (1.5 kg)		http://www.airrobot.de/index.php/airrobot-products.html
AirRobot AR100C	AR100C	AirRobot	Rotary Wing	Commercial	2.2 lbs (1 kg)		25			2.5 lbs (1.1 kg)	.75 lbs (.32 kg)		http://www.airrobot.de/index.php/airrobot-products.html
HV44 Nemesis	HV44	Allied Drones	Rotary Wing	Commercial			4,320						https://allieddrones.com/portfolio-item/hv44-nemesis/
Allied Drones AW1 E-Star	AW1	Allied Drones	Fixed Wing	Commercial			60	3.92'	7.22'		3.31 lbs (1.5 kg)		https://allieddrones.com/portfolio-item/aw1-e-star/
Allied Drones EF44 "Atlas" Transition	EF44	Allied Drones	Rotary Wing	Commercial			60						https://allieddrones.com/portfolio-item/ef44-atlas/
Recon-System RS-16	RS-16	American Aerospace	Fixed Wing	Commercial		74.8 mph (65 kt)	960		12.92'	85 lbs (38.6 kg)	25 lbs (11.34 kg)		http://american-aerospace.com/details/instimaps/aircraft
RS-20	RS-20	American Aerospace	Fixed Wing	Commercial		104 mph (90 kt)	960		17.25'	165 lbs (74.8 kg)	65 lbs (29.48 kg)		http://american-aerospace.com/details/instimaps/aircraft
Albatross MAX UAV	0013-UAV-RTFRCARLidar-LR	Applied Aeronautics	Fixed Wing	Commercial		90 mph (78.2 kt)	120		9.8'	22 lbs (10 kg)		62 miles (100 km)	http://appliedaeronautics.com/Albatross-MAX-UAV-Ready-to-Fly_p_15.html
Jump 20	20	Arcturus UAV	Fixed Wing	Commercial	150 lbs (68 kg)	83 mph (72 kt)	960	9.42'	18.5'	210 lbs (95.3 kg)	60 lbs (27.22 kg)		http://arcturus-uav.com/product/jump-20
X-Star Premium Drone	XSPRMOR	Autel Robotics	Rotary Wing	Commercial	3.13 lbs (1.42 kg)	35 mph (30.4 kt)	25					1.2 miles (1.93 km)	https://www.autelrobotics.com/x-star-premium-camera-drone/
Swift Trainer	Trainer	BlackSwift Technologies	Fixed Wing	Commercial			60			6 lbs (2.72 kg)			http://blackswifttech.com/pages/products/swift_trainer/
Volanti	Volanti	Carbonix	Hybrid	Commercial	13.2 lbs (6 kg)	40.4 mph (35 kt)	360	6.4'	9'	26.4 lbs (12 kg)	13.2 lbs (6 kg)		http://carbonix.com.au/aerospace/four_products
Bramor ppX	ppX	C-Astral d.o.o.	Fixed Wing	Commercial		51 mph (44.7 kt)	210	3.15'	7.54'	10.4 lbs (4.7 kg)		24.8 miles (40 km)	http://www.c-astral.com/en/products/bramor-ppx
Bramor C4Eye	C4Eye	C-Astral d.o.o.	Fixed Wing	Commercial		67 mph (58.3 kt)	180	3.15'	7.54'	9.9 lbs (4.5 kg)		24.8 miles (40 km)	http://www.c-astral.com/en/products/bramor-c4eye
Argos	Argos	CATUAV	Fixed Wing	Commercial			840				13.8 lbs (6.25 kg)	9.3 miles (15 km)	http://catuav.com/uav-products/28-all/technology/34-technology
Furos	Furos	CATUAV	Fixed Wing	Commercial			360				11 lbs (5 kg)	9.3 miles (15 km)	http://catuav.com/uav-products/28-all/technology/34-technology
Argos Electric	Electric	CATUAV	Fixed Wing	Commercial			100				12.96 lbs (5.88 kg)	9.3 miles (15 km)	http://catuav.com/uav-products/28-all/technology/34-technology
Mineos	Mineos	CATUAV	Fixed Wing	Commercial			45				1.1 lbs (.5 kg)	9.3 miles (15 km)	http://catuav.com/uav-products/28-all/technology/34-technology
Atmos 7	7	CATUAV	Fixed Wing	Commercial		55.9 mph (48.6 kt)	80			5.7 lbs (2.6 kg)	1.3 lbs (.6 kg)	46.6 miles (75 km)	http://catuav.com/uav-products
Atmos 7 Light	7 Light	CATUAV	Fixed Wing	Commercial		49.7 mph (43.2 kt)	80			4.4 lbs (2 kg)	.4 kg	37.3 miles (60 km)	http://catuav.com/uav-products
DTC26-X	DTC26-X	Delair-Tech	Fixed Wing	Commercial	24.25 lbs (11 kg)		150	5.25'	10.825'		8.8 lbs (4 kg)	62 miles (100 km)	http://www.delair-tech.com/uav-dt26x/
DT18	DT18	Delair-Tech	Fixed Wing	Commercial	4.4 lbs (2 kg)	31.1 mph (27 kt)	120	3.93'	5.9'			62 miles (100 km)	http://www.delair-tech.com/uav-dt18/
Phantom 4 Pro	4 Pro	DJI	Rotary Wing	Commercial/Hobby	3 lbs (1.38 kg)	45 mph (39 kt)	30					4.3 miles (7 km)	http://www.dji.com/phantom-4-pro
Inspire 2	T650	DJI	Rotary Wing	Commercial/Hobby	7.25 lbs (3.29 kg)	58 mph (50.4 kt)	27			8.82 lbs (4 kg)		4.3 miles (7 km)	http://www.dji.com/inspire-2
Phantom 4	4	DJI	Rotary Wing	Commercial/Hobby	3 lbs (1.38 kg)	45 mph (39 kt)	28					3.1 miles (5 km)	http://www.dji.com/phantom-4
Matrice 600 Pro	600 Pro	DJI	Rotary Wing	Commercial/Hobby	21.16 lbs (9.6 kg)	40 mph (34.8 kt)	40			33.29 lbs (15.1 kg)		3.1 miles (5 km)	http://www.dji.com/matrice600-pro
Matrice 600	600	DJI	Rotary Wing	Commercial/Hobby	21.16 lbs (9.6 kg)	40 mph (34.8 kt)	40			33.29 lbs (15.1 kg)		3.1 miles (5 km)	http://www.dji.com/matrice600
Matrice 100	100	DJI	Rotary Wing	Commercial/Hobby	5.36 lbs (2.4 kg)	49.2 mph (42.8 kt)	40					3.1 miles (5 km)	http://store.dji.com/product/matrice-100
Mavic Pro	Pro	DJI	Rotary Wing	Commercial/Hobby	1.64 lbs (.7 kg)	40 mph (34.8 kt)	27						http://www.dji.com/mavic
Draganflyer Commander	Commander	Draganfly Innovations	Rotary Wing	Commercial/Civil	6 lbs (2.72 kg)	31 mph (26.9 kt)	40	2.87'		8.26 lbs (3.75 kg)	2.2 lbs (1 kg)		https://www.draganfly.com/products/commander/overview
NM&-M400 Multirotor	NM&-M400	Embention	Rotary Wing	Commercial	4 lbs (1.8 kg)	50 mph (43.4 kt)	30			9.26 lbs (4.2 kg)	3.09 lbs (1.4 kg)	26.1 miles (42 km)	https://products.embention.com/nmand-uas-rpas/m400-multirotor.html
NM&-F300 Fixed Wing	NM&-F300	Embention	Fixed Wing	Commercial		74 mph (64.3 kt)	180	8.17'	9.83'	61.73 lbs (28 kg)	8.82 lbs (4 kg)	124.3 miles (200 km)	https://products.embention.com/nmand-uas-rpas/f300-fixed-wing.html
NM&-W210 Flying Wing	NM&-W210	Embention	Fixed Wing	Commercial	8.6 lbs (3.9 kg)	50 mph (43.4 kt)	120		6.96'	10.36 lbs (4.7 kg)	1.76 lbs (.8 kg)	12 miles (19.3 km)	https://products.embention.com/nmand-uas-rpas/w210-flying-wing.html
NM&-M600 Multirotor	NM&-M600	Embention	Rotary Wing	Commercial	5.5 lbs (2.5 kg)	50 mph (43.4 kt)	36			13.89 lbs (6.3 kg)	3.97 lbs (1.8 kg)		https://products.embention.com/nmand-uas-rpas/m600-multirotor.html
E384	E384	Event 38 Unmanned Systems	Fixed Wing	Commercial	5.6 lbs (2.54 kg)	29 mph (25.2 kt)	100	4.25'	6.25'		2.2 lbs (1 kg)	44 miles (70.8 km)	https://event38.com/product/e384-complete-package-4/
HAWK GS 500 Professional	GS 500	Hawkeye Systems	Fixed Wing	Commercial	12.35 lbs (5.6 kg)		100	4.76'	8.53'			18.6 miles (30 km)	http://www.hawkeyesystems.co.nz/hawk-gs-500
HAWK GS 1000 Professional Solar	GS 1000	Hawkeye Systems	Fixed Wing	Commercial	11.46 lbs (5.2 kg)		180	4.43'	9.5'			18.6 miles (30 km)	http://www.hawkeyesystems.co.nz/hawk-gs-1000
Serenity	Serenity	ING Robotic Aviation	Fixed Wing	Commercial			480				11 lbs (5 kg)	62 miles (100 km)	http://ingrobotic.com/drones/serenity-fixed-wing-aircraft/
Responder	Responder	ING Robotic Aviation	Rotary Wing	Commercial			40				26.4 lbs (12 kg)	6.2 miles (10 km)	http://ingrobotic.com/drones/responder-helicopter/
Spider	Spider	Innocon Ltd.	Fixed Wing	Commercial		57.5 mph (50 kt)	120		5.74'	7.7 lbs (3.5 kg)		6.2 miles (10 km)	http://www.innoconltd.com/?CategoryID=181&ArticleID=107
MicroFalcon	MicroFalcon	Innocon Ltd.	Fixed Wing	Commercial	13 lbs (6 kg)		180		6.56'				http://www.innoconltd.com/?CategoryID=179&ArticleID=104
MiniFalcon I	MiniFalcon I	Innocon Ltd.	Fixed Wing	Commercial		138 mph (120 kt)	900		16.4'	198.4 lbs (90 kg)	30.86 lbs (14 kg)	124.3 miles (200 km)	http://www.innoconltd.com/?CategoryID=180&ArticleID=105
MiniFalcon II	MiniFalcon II	Innocon Ltd.	Fixed Wing	Commercial		138 mph (120 kt)	900		18'	330.7 lbs (150 kg)	77.16 lbs (35 kg)	124.3 miles (200 km)	http://www.innoconltd.com/?CategoryID=180&ArticleID=105
Falcon Eye	Falcon Eye	Innocon Ltd.	Fixed Wing	Commercial	617.3 lbs (280 kg)		1,440	22.97'	39.37'		330.7 lbs (150 kg)		http://www.innoconltd.com/?CategoryID=182&ArticleID=123
Integrator	Integrator	Insitu	Fixed Wing	Commercial/Civil/Military	80 lbs (36.29 kg)	104 mph (90 kt)	1,440	8.2'	16'	135 lbs (61.24 kg)	40 lbs (18.1 kg)		https://insitu.com/information-delivery/unmanned-systems/integrator
ScanEagle	ScanEagle	Insitu	Fixed Wing	Commercial/Civil/Military	39.68 lbs (18 kg)	92 mph (80 kt)	1,440	5.1'	10.2'	48.5 lbs (22 kg)	7.5 lbs (3.4 kg)		https://insitu.com/information-delivery/unmanned-systems/scaneagle#2
Tiburon Junior	Tiburon Junior	Intuitive Machines	Fixed Wing	Commercial		92 mph (80 kt)	900		9'		20 lbs (9.07 kg)	300 miles (482.8 km)	https://intuativemachines.com/Aerospace/tiburon/
Hybrid Quadrotor HQ-40	Quadrotor HQ	Latitude Engineering	Hybrid	Commercial			300				5 lbs (2.3 kg)		https://latitudeengineering.com/products/hq/
Indago	Indago	Lockheed Martin	Rotary Wing	Commercial/Civil/Military	5 lbs (2.27 kg)		50				4.85 lbs (2.2 kg)	6.2 miles (10 km)	http://www.lockheedmartin.com/us/products/procerus/indago-uas.html
Zephyr2 UAV	UAV	MarcusUAV	Fixed Wing	Commercial	5 lbs (2.27 kg)	90 mph (78.2 kt)	60		4.5'	55.12 lbs (25 kg)		25 miles (40.2 km)	http://www.marcusuav.com/zephyruav/
SAPR Metaplano EOS THETA	EOS	Nimbus srl	Hybrid	Commercial		19 mph (16.5 kt)	180		26.25'	154.33 lbs (70 kg)	17.64 lbs (8 kg)		http://nimbus.aero/prodotti/sapr-metaplano-eos-xi/
SAPR Metaplano EOS TAU	EOS	Nimbus srl	Hybrid	Commercial		19 mph (16.5 kt)	180		26.25'	198.42 lbs (90 kg)	28.66 lbs (13 kg)		http://nimbus.aero/prodotti/sapr-metaplano-eos-xi/
SAPR Metaplano EOS XI	EOS	Nimbus srl	Hybrid	Commercial		15 mph (13 kt)	90		21.33'	121.25 lbs (55 kg)	13.23 lbs (6 kg)		http://nimbus.aero/prodotti/sapr-metaplano-eos-xi/
SAPR Esacottero PPL 612	PPL	Nimbus srl	Multi-Rotor	Commercial		27 mph (23.5 kt)	40			11.68 lbs (5.3 kg)			http://nimbus.aero/prodotti/sapr-esacottero-ppl-612/
Lancaster 5	Lancaster 5	PrecisionHawk	Fixed Wing	Commercial	5.3 lbs (2.4 kg)	49 mph (42.6 kt)	45		4.9'	7.8 lbs (3.5 kg)	2.2 lbs (1 kg)</		