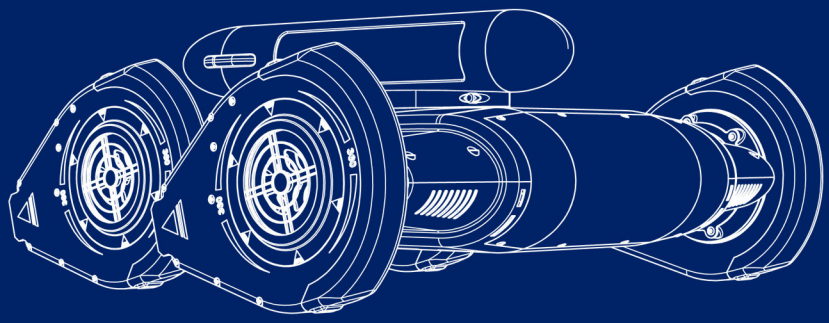
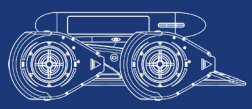
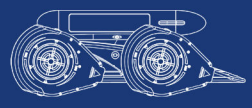
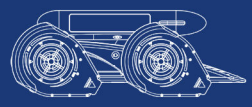
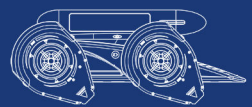
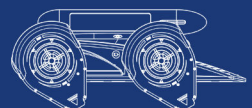
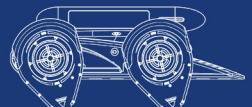
LETOGLED M1 P

MAX. HORIZONTAL SPEED - 107 km/h
(at 100% thrust and 11.9º thrust inclination)
MAX. CLIMBING RATE (TOP UP) - 11.82 m/s
(at 100% thrust and 90º thrust inclination)
MAX. CLIMBING RATE (FRONT UP) - 28.8 m/s
(front up at 100% thrust)
MAX. FLIGHT RANGE - 241 km
(at 25% thrust and 58º thrust inclination)
MAX. FLIGHT CELLING - 13000 m
(at 100% thrust and 90º thrust inclination)
MAX. AIR TIME - 5.3 h
(at 21.75% thrust and 90º thrust inclination)
MAX. CARGO MASS - 26.7 kg
(at 100% thrust and 90º thrust inclination)



LETOGLED M1 P - EXEMPLARY PERFORMANCE TABLE

VEHICLE POSITION - HORIZONTAL

THRUST INCLINATION	VEHICLE MASS (kg)	7.35	THRUST (%) 100	THRUST (%) 75	THRUST (%) 50	THRUST (%) 25
 0 degrees	HORIZONTAL SPEED (km/h)		-	-	-	-
	CLIMBING RATE - TOP UP (m/s)		-	-	-	-
	FLIGHT RANGE (km)		-	-	-	-
	FLIGHT CELLING (m)		-	-	-	-
	TIME IN AIR (h)		-	-	-	-
	CARGO MASS (kg)		-	-	-	-
 15 degrees	HORIZONTAL SPEED (km/h)		105.8	-	-	-
	CLIMBING RATE - TOP UP (m/s)		6.71	-	-	-
	FLIGHT RANGE (km)		121.67	-	-	-
	FLIGHT CELLING (m)		2.200	-	-	-
	TIME IN AIR (h)		1.15	-	-	-
	CARGO MASS (kg)		1.89	-	-	-
 30 degrees	HORIZONTAL SPEED (km/h)		101.6	92.3	80.7	-
	CLIMBING RATE - TOP UP (m/s)		9.13	8.06	6.58	-
	FLIGHT RANGE (km)		116.84	141.54	185.47	-
	FLIGHT CELLING (m)		8.100	5650	1900	-
	TIME IN AIR (h)		1.15	1.53	2.3	-
	CARGO MASS (kg)		10.31	5.94	1.56	-
 45 degrees	HORIZONTAL SPEED (km/h)		93.6	85	74.3	-
	CLIMBING RATE - TOP UP (m/s)		10.43	9.3	7.78	-
	FLIGHT RANGE (km)		107.64	130.34	170.8	-
	FLIGHT CELLING (m)		10800	8500	5000	-
	TIME IN AIR (h)		1.15	1.53	2.3	-
	CARGO MASS (kg)		17.19	11.09	4.98	-
 60 degrees	HORIZONTAL SPEED (km/h)		81.4	74	64.6	51.3
	CLIMBING RATE - TOP UP (m/s)		11.27	10.06	8.52	5.96
	FLIGHT RANGE (km)		93.61	113.42	148.62	235.92
	FLIGHT CELLING (m)		12100	10150	6775	250
	TIME IN AIR (h)		1.15	1.53	2.3	4.6
	CARGO MASS (kg)		22.6	15.15	7.69	0.21
 75 degrees	HORIZONTAL SPEED (km/h)		64.3	58.4	51	40.5
	CLIMBING RATE - TOP UP (m/s)		11.71	10.49	8.90	6.33
	FLIGHT RANGE (km)		73.92	89.55	117.34	186.27
	FLIGHT CELLING (m)		12800	11000	7700	1275
	TIME IN AIR (h)		1.15	1.53	2.3	4.6
	CARGO MASS (kg)		25.84	17.56	9.28	0.99
90 degrees	HORIZONTAL SPEED (km/h)		0	0	0	0
	CLIMBING RATE - TOP UP (m/s)		11.82	10.6	8.99	6.41
	FLIGHT RANGE (km)		0	0	0	0
	FLIGHT CELLING (m)		13000	11200	7925	1500
	TIME IN AIR (h)		1.15	1.53	2.3	4.6
	CARGO MASS (kg)		26.7	18.19	9.68	1.16

NOTE: Performance data are calculated based on CFD simulations only. Real performance may vary.

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