

UL_DATABASE FOR LIFE CLAIM OF UAS COMPONENTS

SI No	Manufacturer (Applicant)	Model number	Life of UAS components	OEM	Report details	Life cycle claim
1	IOTECHWORLD AVIGATION PRIVATE LIMITED AGRIBOT	AGRIBOT	Life of airframe	AGRIBOT A6	FEA analysis from Manufacturer	4057 days
			Life of battery	BOTPOWER	IBP21000V1.0. (Third party lab report)	423 cycles
			Life of motor	Hobby wing	X6 (OEM declaration letter)	480 days
			Life of Propeller	Hobby wing	Hobby wing 2388 (OEM declaration letter)	480 days
			Life of landing gear	AGRIBOT A6	FEA analysis from Manufacturer	2 years
2	MARUT DRONETECH PRIVATE LIMITED	AG 365	Life of airframe	EFT	FEA analysis from Manufacturer	3 Years
			Life of battery	TATTU	TA-15C-16000-6S1P-AS150+XT150 (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 (OEM declaration)	1200 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(OEM declaration)	1200 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	1500 cycles
3	CDSPACE ROBOTICS PRIVATE LIMITED	SNAP-M	Life of airframe	CD space	FEA analysis from Manufacturer	2000 landing
			Life of battery	Magni Power	6S4200MAH (Third party lab report)	140 cycles
			Life of motor	T motor	MN4005 (OEM declaration letter)	500 Hours
			Life of Propeller	T motor	14inch 4.8 pitch (OEM declaration letter)	500 Hours
			Life of landing gear	CD space	Drop test	500 landing
4	THANOS TECHNOLOGIES PRIVATE LIMITED	SYENA-H10	Life of airframe	Thanos	Bench test from Manufacturer	400 Hours
			Life of battery	Magni Power	6S25000MAH (Third party lab report)	100 cycles

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			Life of motor	Hobby wing	X8 (OEM declaration letter)	1000 Hours
			Life of Propeller	Hobby wing	Hobby wing 3090 (OEM declaration letter)	1000 Hours
			Life of landing gear	Thanos	Bench test from Manufacturer	3000 landing
5	IDEAFORGE TECHNOLOGY PRIVATE LIMITED	Q4I	Life of airframe	IDEAFORGE	Drop test from Manufacturer	2000 landing
			Life of battery	IDEAFORGE	IF9028 (Third party lab report)	163 cycles
			Life of motor	T motor	MN7005 KV230 (OEM declaration letter)	1400 Hours
			Life of Propeller	T motors	NS26x8.5 (OEM declaration letter)	2000 Hours
			Life of landing gear	IDEAFORGE	FEA analysis from Manufacturer	2000 landing
6	WOW GREEN LLP	KV10++	Life of airframe	EFT	FEA analysis from Manufacturer	5600 Hours
			Life of battery	bright beginning Pvt Ltd	BB-B12S16AH (Third party lab report)	220 cycles
			Life of motor	Hobby wing	X6 (OEM declaration letter)	800 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388 (OEM declaration letter)	800 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	500 landing
7	URBANMATRIX TECHNOLOGIES PRIVATE LIMITED	UMTHAWK4G	Life of airframe	URBANMATRIX	FEA analysis from Manufacturer	7241 Hours
			Life of battery	Magni Power	6S212600MAH (Third party lab report)	90 cycles
			Life of motor	T motors	MN4006 KV380 (OEM declaration letter)	500 Hours
			Life of Propeller	T motors	NS15X5" (OEM declaration letter)	1000 Hours
			Life of landing gear	URBANMATRIX	FEA analysis from Manufacturer	750 landing

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8	ZUPPA GEO NAVIGATION TECHNOLOGIES PVT LTD	AJEET MINI	Life of airframe	ZUPPA GEO NAVIGATION	FEA analysis from Manufacturer	480 cycles
			Life of battery	GENS ACE	Model 2600MAH (Third party lab report)	100 cycles
			Life of motor	T motors	OEM declaration	120 Cycles
			Life of Propeller	T motors	OEM declaration	120 cycles
			Life of landing gear	ZUPPA GEO NAVIGATION	FEA analysis from Manufacturer	120 cycles
9	AARAV UNMANNED SYSTEMS PRIVATE LIMITED	AEREO-ZFR	Life of airframe	Aarav	FEA analysis from Manufacturer	1400 Hours
			Life of battery	Tattu	6S21000MAH (Third party lab report)	300 cycles
			Life of motor (VTOL)	T - Motors	(OEM declaration letter)	600 Hours
			Life of Propeller (VTOL)	T - Motors	(OEM declaration letter)	300 Hours
			Life of motor (Pusher)	T - Motors	(OEM declaration letter)	1000 hours
			Life of Propeller (Pusher)	Falcon	(OEM declaration letter)	500 hours
			Life of landing gear	Aarav	FEA analysis from Manufacturer	1000 landing
10	IOTECHWORLD AVIGATION PRIVATE LIMITED	AGRIBOT A6	Life of airframe	AGRIBOT A6	FEA analysis from Manufacturer	4057 days
			Life of battery	BOTPOWER	IBP21000V1.0. (Third party lab report)	423 cycles
			Life of motor	Hobby wing	X6 (OEM declaration letter)	480 days
			Life of Propeller	Hobby wing	Hobby wing 2388 (OEM declaration letter)	480 days
			Life of landing gear	AGRIBOT A6	FEA analysis from Manufacturer	2 years
11	IDEAFORGE TECHNOLOGY PRIVATE LIMITED	NETRA V3+	Life of airframe	IDEAFORGE	Drop test from Manufacturer	2000 landing
			Life of battery	IDEAFORGE	IF9028 (Third party lab report)	100 cycles
			Life of motor	T motor	MN7005 KV230 (OEM	1400 Hours

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					declaration letter)	
			Life of Propeller	T motors	NS26x8.5 (OEM declaration letter)	2000 Hours
			Life of landing gear	IDEAFORGE	FEA analysis from Manufacturer	2000 landing
12	HUBBLEFLY TECHNOLOGIES PRIVATE Limited	STAREdge	Life of airframe	HUBBLEFLY	FEA analysis from Manufacturer	291 Hours
			Life of battery	GENX	GENX 6567 (Third party lab report)	250 cycles
			Life of motor	T motors	MN4006 KV380 (OEM declaration letter)	400 Hours
			Life of Propeller	T motors	MF 1604 (OEM declaration letter)	400 Hours
			Life of landing gear	HUBBLEFLY	Bench test from Manufacturer	500 landing
13	MARUT DRONETECH PRIVATE LIMITED	AG365S	Life of airframe	EFT	FEA analysis from Manufacturer	3 years
			Life of battery	TATTU	TA-15C-16000-6S1P (Third party lab report)	210 cycles
			Life of motor	Hobby wing	X6 (OEM declaration letter)	1200 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388 (OEM declaration letter)	1200 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	1500 landing
14	ARIES SOLUTIONS PRIVATE LIMITED	AGRONE-X	Life of airframe	ARIES SOLUTIONS	FEA analysis from Manufacturer	1000 Hours
			Life of battery	ARIES	ASPL0B012 (Third party lab report)	254 cycles
			Life of motor	Shenzen GC electronics	(OEM declaration letter)	1000 Hours
			Life of Propeller	Shenzen GC electronics	(OEM declaration letter)	500 Hours
			Life of landing gear	ARIES SOLUTIONS	FEA analysis from Manufacturer	4000 landing
15	NEPTUNE AEROTECH	NEPTUNE UAV - 2	Life of airframe	JMRRC	Bench test from manufacturer	84 Hours

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	PRIVATE LIMITED		Life of battery	Tattu	6S21000MAH (Third party lab report)	203cycles
			Life of motor	JMRRC	6215 KV170 (OEM declaration letter)	400 Hours
			Life of Propeller	JMRRC	2270 (OEM declaration letter)	300 Hours
			Life of landing gear	JMRRC	Bench test from manufacturer	1000 landing
16	AARAV UNMANNED SYSTEMS PRIVATE LIMITED	AEREO-INP	Life of airframe	AARAV UNMANNED	FEA analysis from Manufacturer	550 Hours
			Life of battery	Magni power	6S12000MAH (Third party lab report)	200 cycles
			Life of motor	T motor	MN4006 (OEM declaration letter)	1000 Hours
			Life of Propeller	T motor	NS16.2X 5.3 (OEM declaration letter)	300 Hours
			Life of landing gear	AARAV UNMANNED	FEA analysis from Manufacturer	1000 landing
17	FLYING WEDGE DEFENCE AND AEROSPACE TECHNOLOGIES PRIVATE LIMITED	FWDA10	Life of airframe	FLYING WEDGE	FEA analysis from Manufacturer	1000 hours
			Life of battery	TATTU	TA-25C-22000-6S1P (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 (OEM data sheet)	853 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(OEM data sheet)	853 Hours
			Life of landing gear	FLYING WEDGE	FEA analysis from Manufacturer	4000 hours
18	MULTIPLEX DRONE PRIVATE LIMITED	MD10H	Life of airframe	EFT	FEA analysis from Manufacturer	4000 hours
			Life of battery	TATTU	TA-15C-16000-6S1P (Third party lab report)	250 cycles
			Life of motor	Hobby wing	X6 (FEA analysis from Manufacturer)	100 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(FEA analysis from Manufacturer)	100 Hours

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			Life of landing gear	EFT	FEA analysis from Manufacturer	2000 landing
19	HUBBLEFLY TECHNOLOGIES PRIVATE LIMITED	AGRISTAR 2.0	Life of airframe	HUBBLEFLY TECHNOLOGIES	FEA analysis from Manufacturer	2933 Hours
			Life of battery	Magni Power	6S25200MAH (Third party lab report)	242 cycles
			Life of motor	Hobby wing	X6 plus (bench test report)	750 Hours
			Life of Propeller	Hobby wing	Hobby wing 2480(bench test report)	750 Hours
			Life of landing gear	HUBBLEFLY TECHNOLOGIES	FEA analysis from Manufacturer	16000 landing
20	GARUDA AEROSPACE PRIVATE LIMITED	GA-AD-M	Life of airframe	EFT	FEA analysis from Manufacturer	500 hours
			Life of battery	Tattu	TA-15C-16000-6S1P-AS150+XT150 (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 (FEA analysis from Manufacturer)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(FEA analysis from Manufacturer)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	500 landing
21	AVIRONIX PRIVATE LIMITED	PEREGRINE	Life of airframe	AVIRONIX	FEA analysis from Manufacturer	2237 Hours
			Life of battery	Tattu	TA-25C-22000-6S1P (Third party lab report)	255 cycles
			Life of motor	T motor	MNS008 KV340 (OEM declaration letter)	800 Hours
			Life of Propeller	T motor	P18x6.1 Propeller (OEM declaration letter)	800 Hours
			Life of landing gear	AVIRONIX	FEA analysis from Manufacturer	4795 landing
22	THANOS TECHNOLOGIES	SYENA-H10I	Life of airframe	THANOS TECHNOLOGIES	Bench test from Manufacturer	1733 Hours

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	PRIVATE LIMITED		Life of battery	Magni Power	6S25200MAH (Third party lab report)	316 cycles
			Life of motor	Hobby wing	X8 (OEM declaration letter)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 3011 (OEM declaration letter)	500 Hours
			Life of landing gear	THANOS TECHNOLOGIES	Bench test from Manufacturer	3000 landing
23	HC ROBOTICS PRIVATE LIMITED	AA-118-HCR1420	Life of airframe	EFT	FEA analysis from Manufacturer	1851 Hours
			Life of battery	Tattu	TA-25C-22000-6S1P (Third party lab report)	250 cycles
			Life of motor	Hobby wing	X8 (OEM declaration letter)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 3090 (OEM test report)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	2000 landing
24	SCANDRON PRIVATE LIMITED	SNDCX005HHX 8	Life of airframe	EFT	FEA analysis from Manufacturer	2045 Hours
			Life of battery	Tattu	6S22000MAH (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X8 (OEM declaration letter)	1200 Hours
			Life of Propeller	Hobby wing	Hobby wing 3090 (OEM declaration letter)	1200 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	7200 landing
25	IDEAFORGE TECHNOLOGY LIMITED	Q6	Life of airframe	IDEAFORGE TECHNOLOGY	FEA analysis from Manufacturer	2000 Hours
			Life of battery	IDEAFORGE TECHNOLOGY	IF9028 (Third party lab report)	100 cycles
			Life of motor	T motor	MN7005-15 KV230 (OEM declaration letter)	2000 Hours
			Life of Propeller	T motor	NS26X8.5 (OEM declaration letter)	2000 Hours

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			Life of landing gear	IDEAFORGE TECHNOLOGY	FEA analysis from Manufacturer	2000 landing
26	CHATAK INNOVATIONS LLP	CADTECH HEXA	Life of airframe	CHATAK INNOVATIONS	FEA analysis from Manufacturer	8000 hours
			Life of battery	TATTU	TA-15C-16000-6S1P-AS150+XT150 (Third party lab report)	200 cycles
			Life of motor	Hobby wing	X6 (FEA analysis from Manufacturer)	200 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(FEA analysis from Manufacturer)	200 Hours
			Life of landing gear	CHATAK INNOVATIONS	FEA analysis from Manufacturer	7000 landing
27	RFLY INNOVATIONS PRIVATE LIMITED	RFLY-MICRO	Life of airframe	Rfly	FEA analysis from Manufacturer	1000 Hours
			Life of battery	Magni Power	6S6800MAH. (Third party lab report)	200 cycles
			Life of motor	MED motor	4006 320 KV (OEM declaration letter)	1000 Hours
			Life of Propeller	MED motor	17*5.8 (OEM declaration letter)	800 Hours
			Life of landing gear	Rfly	FEA analysis from Manufacturer	1000 landing
28	AEROSYS AVIATION INDIA PRIVATE LIMITED	VEDANSH	Life of airframe	AEROSYS AVIATION	FEA analysis from Manufacturer	462.6Hours
			Life of battery	AEROSYS AVIATION	Ap22035(Third party lab report)	204 cycles
			Life of motor	T motor	MN4006-23 KV 380 (OEM declaration letter)	500 Hours
			Life of Propeller	T motor	NS15x5"CF (OEM declaration letter)	500 Hours
			Life of landing gear	AEROSYS AVIATION	FEA analysis from Manufacturer	694 landing
29	EJJ AEROS PRIVATE LIMITED	LMK2301	Life of airframe	EJJ AEROS	FEA analysis from Manufacturer	1666 Hours

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			Life of battery	Magni Power	6S21000MAH (Third party lab report)	242 cycles
			Life of motor	Hobby wing	X6 (OEM declaration letter)	1000 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388 (OEM declaration letter)	1000 Hours
			Life of landing gear	EJJ AEROS	FEA analysis from Manufacturer	1511 landing
30	FLYING WEDGE DEFENCE AND AEROSPACE TECHNOLOGIES PRIVATE LIMITED	FWDA10-V1	Life of airframe	Flying wedge	FEA analysis from Manufacturer	1500 Hours
			Life of battery	Thunder stone	6S30AH (Third party lab report)	600 cycles
			Life of motor	Vector technic	TERRA 6015 160KV (OEM test report)	867 Hours
			Life of Propeller	Vector technic	Vector Technic 2308 (OEM test report)	867 Hours
			Life of landing gear	Flying wedge	FEA analysis from Manufacturer	2400 landing
31	SKYX AEROSPACE PRIVATE LIMITED	SKYX KISAAN	Life of airframe	EFT	FEA analysis from Manufacturer	5000 Hours
			Life of battery	Tattu	TA-15C-16000-6S1P-AS150 (Third party lab report)	250 cycles
			Life of motor	Hobby wing	X6 (FEA analysis from Manufacturer)	250 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388 (FEA analysis from Manufacturer)	250 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	20000 landing
32	HILD DEFENCE AND AEROSPACE PRIVATE LIMITED	HILD EAGLE DRONE AGRONOMY - I	Life of airframe	EFT	FEA analysis from Manufacturer	1851 Hours
			Life of battery	Tattu	TA-15C-16000-6S1P-AS150 (Third party lab report)	250 cycles
			Life of motor	Hobby wing	X6 (FEA analysis from Manufacturer)	925 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388 (FEA	925 Hours

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					analysis from Manufacturer)	
			Life of landing gear	EFT	FEA analysis from Manufacturer	2000 landing
33	WOW GREEN LLP	KV11++	Life of airframe	EFT	FEA analysis from Manufacturer	2500 hours
			Life of battery	ATC Energies	ATCWOW27 (Third party lab report)	500 cycles
			Life of motor	Hobby wing	X6 (In house test report)	800 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388 (In house test report)	800 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	500 landing
34	MARUT DRONETECH PRIVATE LIMITED	AG 365H	Life of airframe	EFT	FEA analysis from Manufacturer	9000 hours
			Life of battery	Magni power	6S25200MAH (Third party lab report)	352 cycles
			Life of motor	Hobby wing	X6 (OEM test report from Manufacturer)	200 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(OEM from Manufacturer)	200 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	3000 landing
35	GARUDA AEROSPACE PRIVATE LIMITED	GA-AD-V2	Life of airframe	EFT	FEA analysis from Manufacturer	500 hours
			Life of battery	Tattu	TA-15C-16000-6S1P-AS150+XT150 (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 (FEA analysis from Manufacturer)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2388(FEA analysis from Manufacturer)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	500 landing
36	DTOWN ROBOTICS	AGROW	Life of airframe	Dtown Robotics	FEA analysis from Manufacturer	2000 hours

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	PRIVATE LIMITED		Life of battery	HRB Power	HL143 (Third party lab report)	250 cycles
			Life of motor	Hobby wing	X6 Plus (OEM test report)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2480 (OEM test report)	500 Hours
			Life of landing gear	Dtown Robotics	FEA analysis from Manufacturer	2000 landing
37	HARVEL AVIATION PRIVATE LIMITED	HA777-H10 SPRAYER	Life of airframe	EFT	FEA analysis from Manufacturer	1851 hours
			Life of battery	Tattu	TA-10C-25000-6S1P-HV (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 Plus (OEM test report)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2480 (OEM test report)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	7407 landing
38	TERRA CRAFTS AGROBOTIX PRIVATE LIMITED	UJJWAL VIMAN	Life of airframe	EFT	FEA analysis from Manufacturer	5000 hours
			Life of battery	Magni Power	6S25200mAh (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 Plus (OEM test report)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2480 (OEM test report)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	2500 landing
39	NEPTUNE AEROTECH PRIVATE LIMITED	NEPTUNE UAV 2.1	Life of airframe	JMRRC	FEA analysis from Manufacturer	5000 hours
			Life of battery	Tattu	TA-15C-16000-6S1P-AS150 (Third party lab report)	203 cycles
			Life of motor	JMRRC	6215 KV-170 (OEM declaration letter)	400 Hours
			Life of Propeller	JMRRC	2270 (OEM Declaration letter)	300 Hours
			Life of landing gear	JMRRC	FEA analysis from Manufacturer	3000 landing

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40	VED PRABHA AEROSPACE PRIVATE LIMITED	KISAN DRONE - V10	Life of airframe	EFT	FEA analysis from Manufacturer	4000 hours
			Life of battery	Tattu	6S22AH (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 Plus (OEM test report)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2480 (OEM test report)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	5000 landing
41	DRONEACHARYA AERIAL INNOVATIONS LIMITED	AGRIVEER	Life of airframe	EFT	FEA analysis from Manufacturer	3600 hours
			Life of battery	Tattu	TA-25C-22000- 6S1P (Third party lab report)	300 cycles
			Life of motor	Hobby wing	X6 Plus (OEM test report)	500 Hours
			Life of Propeller	Hobby wing	Hobby wing 2480 (OEM test report)	500 Hours
			Life of landing gear	EFT	FEA analysis from Manufacturer	7407 landing