

Payload Challenge 2024, Challenge 1

Table 1

	Team Name	Location	Presentation	Flight 1 Time to complete	Flight Score 1	Egg Bonus 1	Flight 2 Time to complete	Flight Score 2	Egg Bonus 2	Flight 3 Time to complete	Flight score 3	Egg Bonus 3	Total Flight score	Max flight score	Normalised Flight Score	Total Egg Bonus	Total Score	Rank
E01	Team Platypi	Peak District Home Education	30	s	360 - time in s	2	s	360 - time in s	2	s	360 - time in s	2			100	30		
			25	151	209	2	170	190	2	165	195	2	594	594	100	30	155	1
E04	iSchool Team 1	Hainan Micro City Future School (iSchool)	21	173	187	2	188	172	2	170	190	2	549	594	92	30	143	2
E02	GCGS Aerospace Team	Guangdong Country Garden School	27	202	158	2	205	155	2	184	176	2	489	594	82	30	139	3
E03	Team Eggcellent	The Experimental School of Beihang University	22	215	145	2	200	160	2	195	165	2	470	594	79	30	131	4

Payload Challenge 2024, Challenge 2

	Team Name	Location	Presentation	No A/C	Flight time Round 1	Cube total Round 1	Flight time Round 2	Cube total Round 2	Flight time Round 3	Cube total Round 3	Adjusted time	Max time	Normalise Flight Score	Overall cube total	Total score	Rank
			30	-10 s		6 s		6 s		6	1080 - total flight time					
C03	iSchool Team2	Micro City Future School (iSchool)	22	0	190	6	165	6	155	6	570	570	100	90	212	1
C01	GCGS Aerospace Team	Guangdong Country Garden School	26	0	219	6	276	6	198	6	387	570	68	90	184	2
C02	DF Express	The Experimental School of Beihang University	24	0	302	6	360	0	222	6	196	570	34	60	118	3

Payload Challenge 2024, Challenge 3

			Drawing	Presentation	Flight 1	Flight 2	Flight 3	Laps total	Normalised laps	Total score	Rank
Number	Team Name	Location	25	30	Laps	Laps	Laps		100	155	
D02	GCGS Aerospace Team	Guangdong Country Garden School	18	27	8	8	8	24	100	145	1
D04	Future United - BIT X iSchool 2	Micro City Future School (iSchool) & Beijing Institute of Technology	18	20	7	8	6	21	88	125.5	2
D03	Future United - BIT X iSchool 1	Micro City Future School (iSchool) & Beijing Institute of Technology	18	22	7			7	29	69.1667	3

Payload Challenge 2024, Challenge 4

			Report	Drawings	Report and drawing with late penalty	Presentation	Flight 1	Flight 2	Flight 3	Quantity total	Normalised quantity	Total score	Rank
Number	Team Name	Location				30					100		
Q01	Aero Team	The Hong Kong University of Science & Technology	18	19	37	26	0	96	0	96	100	163	1
Q05	Future United - BIT X iSchool 3	Micro City Future School (iSchool) & Beijing Institute of Technology	20	16	36	23	48	23		71	74	132.95833	2
Q06	Future United - BIT X iSchool 4	Micro City Future School (iSchool) & Beijing Institute of Technology	16	15	31	24	28			28	29	84.166667	3
Q02	Loughborough Quantity	Loughborough University	12	14	26	24	0	0	0	0	0	50	4
Q07	Liverbird 3 (Engineering Team)	University of Liverpool	0	0	0	22	0	0		0	0	22	5
Q03	City Team 2	City, University of London	0	0	0	19	0	0	0	0	0	19	6

Payload Challenge 2024, Challenge 5									Round 1	Round 2			Round 3					
Number	Team name	Location	Initial Aircraft Weight	Late penalty	Report score	Drawing score	Report and drawing with late penalty	Presentation	Qualification flight empty	New aircraft weight	Load carried	Flight Score	Load Carried	Flight Score	Total Flight Score	Normalised score	Overall Score	Rank
			Kg					30	30		2kg max		4kg max			100		
W12	Future United - BIT X iSchool 5	Micro City Future School (iSchool) & Beijing Institute of Technology	0.97	0	36	36	72	26	30		2	164.9	4	329.9	524.845	100	198.0	1
W03	HKU DBF	The University of Hong Kong	1	0	31	42	73	25	30		2	160.0	4	320.0	510	97.17147908	195.2	2
W01	CTU Aerolab	Czech Technical University in Prague	1.16	0	43	39	82	28	30		0	0.0	1.8	124.1	154.138	29.36825636	139.4	3
W05	Lambach	SSVOBB	0.89	0	39	35	74	27	30		1.7	152.8	0	0.0	182.809	34.83101927	135.8	4
W11	Payload Masters	The Experimental School of Beihang University	0.93	0	20	24	44	24	30		2	172.0	0	0.0	202.043	38.49572195	106.5	5
W13	Liverbird 1 (Engineering Team)	University of Liverpool	1.44	0	33	38	71	21	0	1.88	0	30.0	0	0.0	30	5.715969358	97.7	6
W16	Phoenix B (Group B)	Coventry University	1.14	0	24	23	47	19	30	1.53	2	104.6	0	0.0	134.575	25.64091701	91.6	7
W06	City x Delight	City, University of London	2.9	0	28	29	57	22	0	3.05	0	0.0	0	0.0	0	0	79.0	8
W08	UH-ALMA	University of Hertfordshire	3.57	0	20	27	47	23	30		0	0.0	0	0.0	30	5.715969358	75.7	9
W07	Soul Herts	University of Hertfordshire	4.09	0	20	26	46	22	30	0	0	0.0	0	0.0	30	5.715969358	73.7	10
W15	Phoenix A (Group A)	Coventry University	1.29	4	24	0	20	20	30	1.36	0	0.0	2	117.6	147.647	28.13153547	68.1	11
W09	Liverbird 24 (Aerospace Team)	University of Liverpool	1.74	48	27	16	0	20	30		1	46.0	0	0.0	75.977	14.47607565	34.5	12
W10	Liverbird 17	University of Liverpool		6	24	15	33	0						0.0	0	0	33.0	13
W14	Liverbird 2	University of Liverpool		6	20	9	23							0.0	0	0	23.0	14

Caption