

# BMFA Payload Challenge Final Results 2017

## PAYLOAD CHALLENGE 1 – DISTANCE

Team Number	Team Names	Wing Span	Drawing Score (25 Max.)	Presentation (30 Max.)	Excess Time (sec)	Time Penalty	No Model Penalty	Number of Laps			Best No. of Laps	Normalised Flight Score	Total Score	Final Place
								1st Round	2ed Round	3 <sup>rd</sup> Round				
D.02	Aeronauts	1530	13	23.5	0	0	0	4	7	8	8	100.00	136.50	<b>1</b>
D.01	The West Bridgford School MFC	1000	17	24	0	0	0	0	0	0	0	0.00	41.00	<b>2</b>
D.04	WenHui & BeiHang Mid	1106	16	23.75	0	0	0	0	0	0	0	0.00	39.75	<b>3</b>

## PAYLOAD CHALLENGE 2 – QUANTITY

Team Number	Team Names	Wing Span	Report & Drawings				Presentation				Number of tennis balls carried			Best Flight Score	Normalised Flight Score	Total Score	Final Place
			Days Late	Late Penalty	Drawing Score (25)	Report Score	Score (30 Max.)	Excess Time	Time Penalty	No Model Penalty	1st	2 <sup>nd</sup>	3 <sup>rd</sup>				
Q.11	HEBUST MAA	2330	0	0	19	18	24.25	0	0	0	300	64	320	320	100.00	<b>161.25</b>	<b>1</b>
Q.01	Ningxia Aeromodelling	2465	0	0	17	13	18.88	0	0	0	200	200	200	200	62.50	<b>111.38</b>	<b>2</b>
Q.05	University of South Wales	1700	0	0	22	19	21.25	0	0	0	88	104	103	104	32.50	<b>94.75</b>	<b>3</b>
Q.12	UH Comet	2000	0	0	19	16	20.75	0	0	0	54	28	18	54	16.88	<b>72.63</b>	<b>4</b>
Q.02	Aeronauts	1400	0	0	14	18	22.25	0	0	0	6	6	6	6	1.88	<b>56.13</b>	<b>5</b>
Q.09	Lady Killers	1700	0	0	17	12	21.25	0	0	0	6	<b>0</b>	9	9	2.81	<b>53.06</b>	<b>6</b>
Q.03	Fly Derby	1510	0	0	16	13	19.67	0	0	0	<b>0</b>	0	0	0	0.00	<b>48.67</b>	<b>7</b>
Q.08	Ball Boys	1340	0	0	13	11	21.00	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	0	0.00	<b>45.00</b>	<b>8</b>
Q.07	UoM UAV Society	1980	0	0	8	12	19.38	0	0	0	<b>0</b>	0	0	0	0.00	<b>39.38</b>	<b>9</b>
Q.06	Merchant Taylor's School		0	0	15	12	0.00	0	0	0	0	0	0	0	0.00	<b>27.00</b>	<b>10</b>
Q.04	Loughborough 1		0	0	11	11	0.00	0	0	0	0	0	0	0	0.00	<b>22.00</b>	<b>11</b>
Q.10	SHU Model Flying No2		5	10	18	14	0.00	0	0	0	0	0	0	0	0.00	<b>22.00</b>	<b>11</b>

## PAYLOAD CHALLENGE 3 – WEIGHT

Team Number	Team Names	Report & Drawings				Presentation			Build Penalty	Aircraft Mass	1 <sup>st</sup> Round (30)	Round 2 [max 2kg]		Round 3 [max 4kg]		Flight Score	Total Score	Final Place
		Days Late	Late Penalty	Report (50 Max.)	Drawing (50 Max.)	Score (30 Max.)	Excess Time (sec)	Penalties				Payload Attempted	2 <sup>nd</sup> Round Score	Payload Attempted	3 <sup>rd</sup> Round Score			
W.01	Ningxia Aeromodelling	0	0	25	29	19.30	0	0	0	980	30	1094	89.31	2920	238.37	357.67	430.97	<b>1</b>
W.13	HEBUST MAA	0	0	35	35	25.00	0	0	0	950	30	2000	168.42	<b>0</b>	<b>0.00</b>	198.42	293.42	<b>2</b>
W.08	Liverbird 11	0	0	37	42	24.00	0	0	0	1450	30	2000	110.34	<b>0</b>	<b>0.00</b>	140.34	243.34	<b>3</b>
W.06	Loughborough 5	0	0	29	28	21.23	0	0	0	2800	30	810	23.14	1270	36.29	89.43	167.66	<b>4</b>
W.14	Pheonix 1 (Coventry)	7	14	35	31	20.13	0	0	0	1820	30	1000	43.96	<b>0</b>	<b>0.00</b>	73.96	146.09	<b>5</b>
W.16	Pheonix 3 (Coventry)	10	20	35	8	18.13	0	0	0	1750	30	1070	48.91	0	0.00	78.91	120.04	<b>6</b>
W.15	Pheonix 2 (Coventry)	6	18	35	35	20.25	0	0	0	2050	30	<b>0</b>	<b>0.00</b>	0	0.00	30.00	102.25	<b>7</b>
W.02	The Tearlinators	0	0	39	46	0.00	0	0	0	1	0	0	0.00	0	0.00	0.00	85.00	<b>8</b>
W.05	Loughborough 2	0	0	30	29	22.88	0	0	0	2220	<b>0</b>	0	0.00	0	0.00	0.00	81.88	<b>9</b>
W.04	Loughborough 3	0	0	32	26	0.00	0	0	0	1	0	0	0.00	0	0.00	0.00	58.00	<b>10</b>
W.03	Loughborough 4	0	0	21	14	0.00	0	0	0	1	0	0	0.00	0	0.00	0.00	35.00	<b>11</b>