

Engine list for 2003 U.S. Team Flyoffs

List date 3/17/2003

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Should new certified motors become available before the flyoffs, this list may be amended

"X" - Denotes Apogee micro motors that will only be allowed for the S1 and S5 events

"R" - Denotes Reloadable motors that will only be allowed for S8 event

Notes	Motor	Manufacturer	Size (mm)	Prop. Mass (gm)	N-sec
X	1/4A2-2,4	Apogee	10.5 x 38	0.8	0.62
	1/4A3-3T	Estes	13 x 45	0.8	0.62

X	1/2A2-2,4,6	Apogee	10.5 x 38	1.5	1.25
	1/2A3-2T,4T	Estes	13 x 45	2.0	1.25
	1/2A6-2	Estes	18 x 70	2.6	1.25

X	A2-0,3,5,7	Apogee	10.5 x 57	3.0	2.50
	A3-4T	Estes	13 x 45	3.3	2.50
	A6-4	Quest	18 x 70	3.5	2.50
	A8-3,5	Estes	18 x 70	3.3	2.50
	A10-0T	Estes	13 x 45	3.8	2.50
	A10-3T	Estes	13 x 45	3.8	2.50
	A10-PT	Estes	13 x 45	3.8	2.50

X	B2-0,3,5,7,9	Apogee	10.5 x 89	6.0	5.00
	B4-2,4	Estes	18 x 70	6.0	5.00
	B6-0	Estes	18 x 70	5.6	4.90
	B6-2,4,6	Estes	18 x 70	5.6	5.00
	B6-0,2,6	Quest	18 x 70	6.5	5.00
	B6-4	Quest	18 x 70	6.5	5.00
	B7-4,6,8,10	Apogee	13 x 45	2.8	5.00

	C4-3,5,7	Apogee	18 x 50	4.5	9.5
	C5-3	Estes	18 x 70	11.3	9.5
	C6-4,7,10	Apogee	13 x 83	7.0	10.0
	C6-0,3,5,7	Estes	18 x 70	10.8	9.0
	C6-0	Quest	18 x 70	11.0	8.8
	C6-3,5	Quest	18 x 70	11.0	8.5
	C6-7	Quest	18 x 70	11.0	8.1
	C10-4,7,10	Apogee	18 x 50	4.9	10.0
	C11-0,3,5,7	Estes	24 x 70	12.0	9.0

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Notes	Motor	Manufacturer	Size (mm)	Prop. Mass (gm)	N-sec
	D3-3,5,7	Apogee	18 x 77	9.8	19.5
R	D7-RC	Aerotech	24 x 70	10.5	20.0
	D10-3,5,7	Apogee	18 x 70	9.8	19.5
	D11-P	Estes	24 x 70	24.5	18.0
	D12 -0,3,5,7	Estes	24 x 70	21.1	17.0
	D21-4,7	Aerotech	18 x 70	9.6	20.0

	E4.5-P	Aerotech/Apogee	24 x 70	21.5	40.0
R	E6-RC	Aerotech	24 x 70	21.5	40.0
	E6-4,6,8,P	Aerotech/Apogee	24 x 70	21.5	40.0
R	E7-RC	Aerotech	24 x 70	17.1	30.0
	E9-0	Estes	24 x 95	35.8	29.5
	E9-4,6,8,P	Estes	24 x 95	35.8	29.5
	E15-4,7,PW	Aerotech	24 x 70	20.1	40.0
	E15-4,7	Rocketvision	24 x 70	20.1	40.0
	E30-4,7	Aerotech	24 x 70	19.3	40.0

	F10-4,6,8	Aerotech/Apogee	29 x 85	40.7	80.0
	F20-4,7	Aerotech	29 x 73	30.0	64.0
	F21W-4,6,8	Aerotech	24 x 95	30.0	55.0
	F23FJ-4,7	Aerotech	29 x 73	32.0	56.0
	F25-4,6,9	Aerotech	29 x 98	35.6	80.0
	F25W-4,6,9	Aerotech	29 x 98	35.6	80.0
	F32-5,10,15	Aerotech	24 x 124	37.7	80.0
	F32-5,10,15	Rocketvision	24 x 124	37.7	80.0
	F50-4,6,9	Aerotech	29 x 98	37.9	80.0
	F50T-6	PML	29 x 98	37.9	80.0
	F62-4,6,9	NCR	29 x 103	51.5	80.0
	F72-5,10,15	Aerotech	24 x 124	36.8	80.0
	F72-5,10,15	Rocketvision	24 x 124	36.8	80.0