



June 28



David Aronstein.

# NatsNews



## Indoor Free Flight

**B**ruce Kimball got his official flights in for Hand Launch Glider, Unlimited Catapult Glider, and Standard Catapult Glider, leaving everyone a mark to strive for (check out the attached scores). He had to get back home before his wife returned, because his last-minute contest preparations left ... um, a bit of dust (don't tell on him).

Rob Romash got his Discus Launch Glider and Unlimited Catapult Glider ready for an assault during Day 3, and several others are ready to contest Standard Catapult Glider. Check back to see if anyone topples Bruce.

Ray Harlan broke out his towline biplane glider. It features a simple but effective auto rudder that is triggered by line tension. I didn't confirm with Ray, but the mechanism looks like it could circle tow, too. Ray towed to a reasonably safe height, but still logged some pretty impressive times.

Leo Pilachowski is trying for his first 30-plus-minute old-rules time, and came oh-so-close with a couple of 29-plus-minute flights. He has three tries left.

Although John Kagan made some relatively large

adjustments, each of this three official flights were within 6 seconds of each other, with 34:23, 34:18, and 34:24 (maybe the adjustments weren't so significant after all). He's sitting on top of the pile at the moment, but Steve Brown, Kang Lee, and Nick Ray are just getting started. Keep an eye on how old-rules F1D plays out.

Almost all of the F1D fliers are working on the new-rules event, too. Steve Brown has the best times at this point, with flights at roughly 24 minutes, but he still has room to climb and is running out of turns on the way down. Top-time predictions range from 26 to 28 minutes, depending who you ask and how they calculate the potential, so there is still a lot of development to do. We'll see if anyone gets it figured out during this contest.

David Aronstein gave us a preview of amazing Tupolev A.N.T. 25 Coconut. The huge model weighs in at just 2 ounces, and easily flies around 5-6 minutes. Is anyone going to give it a challenge during the Coconut mass launch tomorrow?

Stay tuned for more Indoor Nats action!

—John Kagan



# Indoor Free Flight Scores

[illegible]

LPP								
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Best	Place
Michael Altig	817937	10:43	10:38				10:43	1
Larry Norval	17628	8:13					8:13	2
Edward Berray	4670						DNF	
Chris Borland	1372						DNF	
Richard Wood	43798						DNF	
Robert Romash	130061						DNF	
Stephen Brown	128759						DNF	
Gene Stubbs	170176						DNF	
Leo Pilachowski	881801						DNF	

Manhattan								
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Best	Place
Lawrence Coslick	4652	4:16	7:17	9:29			9:29	1
David Aronstein	97976						DNF	

Ministick								
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Best	Place
Nick Ray	770974	8:15	12:23	11:39	13:21	13:25	13:25	1
Richard Wood	43798	8:15					8:15	2
David Aronstein	97976	7:40					7:40	3
Chris Borland	1372						DNF	
Andrew Tagliafico	5533						DNF	
Robert Romash	130061						DNF	
John T Warren	57150						DNF	
Leo Pilachowski	881801						DNF	
Larry Norval	17628						DNF	
Stephen Brown	128759						DNF	
Gene Stubbs	170176						DNF	

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# Indoor Free Flight Scores

HLS								
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Best	Place
Bruce Kimball	59849	7:56					7:56	1
Stephen Brown	128759						DNF	
John Kagan	469254						DNF	
Lawrence Coslick	4652						DNF	

Bostonian												
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Best	2nd Best	Flt Total	Charisma	Total	Place
Lawrence Coslick	4652	3:46	3:18				3:46	3:18	7:04	1.10	7:46	1
Jim Alderson	84060	0:47	0:57				0:57	0:47	1:44	1.15	2:00	2
	0	0									DNF	

Dime Scale								
Name	AMA #	Aircraft	Bonus	1st Flight	2nd Flight	3rd Flight	Score	Place
Ray Harlan	131	Corben Super Ace	1	179	179	155	514	1
David Aronstein	97976	Convair XB-46	0	135	134	116	385	2

F1D											
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Flight 6	Best	2nd Best	Total	Place
John Kagan	469254	34:23	34:18	34:24				34:24	34:23	68:47	1
Leo Pilachowski	881801	27:16	29:11					29:11	27:16	56:27	2
Bruce Kimball	59849	26:24	27:35					27:35	26:24	53:59	3
Larry Norval	17628									DNF	
Stephen Brown	128759									DNF	
Nick Ray	770974									DNF	

F1L											
Name	AMA #	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Flight 6	Best	2nd Best	Total	Place
James Alderson	84061	13:10	16:28					16:28	13:10	29:38	1
Richard Wood	43798	10:56	10:55					10:56	10:55	21:51	2
Edward Berray	4670									DNF	
Leo Pilachowski	881801									DNF	
John T Warren	57150									DNF	
Stephen Brown	128759									DNF	
Andrew Tagliafico	5533									DNF	
Lawrence Coslick	4652									DNF	
Michael Altig	817937									DNF	
Chris Borland	1372									DNF	

FAC NoCal							
Name	AMA #	Aircraft	Flight 1	Flight 2	Flight 3	Best	Place
Lawrence Coslick	4652		2:40	3:20	3:01	3:20	1
Jim Alderson	84060		2:20			2:20	2
Richard Wood	43798		1:09			1:09	3