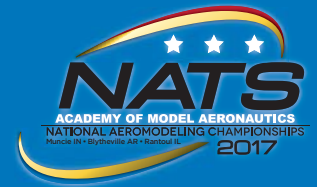


NATSNEWS



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July 1



So we began Friday's activities. Our fearless Event Director Doug Pilcher consulted the weather rock to see how we would proceed ... what? You don't know what the weather rock is?

Let me tell you the secret to directing a great event. This special rock will tell the event director if the contestants should fly.

- Rock is dry: All is well; flight operations go on as scheduled.
- Rock is wet: It's raining ... well just a little rain, *wheels up in 10!*
- Rock is gone: It's windy ... *but*, not that windy; get in the *air!*

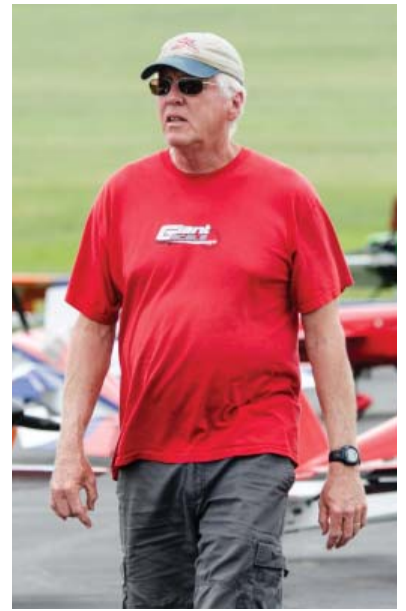
So after consulting the weather rock, we were able to get in one complete Unknown and Known round. Then we had a break before the banquet.

At the banquet, good food and fellowship were shared. Scores were posted, orders were posted, Unknowns were given out, and "Happy Birthday" was sung to our birthday boys: Carlos "Tuny" Silva, Michael "Trickshot" Landa, and Al Young.

Lastly, the President's Diamond Award was presented to Doug Pilcher for everything he has done and sacrificed for IMAC—an award well deserved.

One more day of competition. Fly straight! 🛩️







RC Scale Aerobatics Scores

Sportsman

Final scores in Sportsman ranged from a low of 968.1 to a high of 7,357.6 (a range of 6,389.5)

Rank	Pilot	Final Score	Known									Unknown [us]		
			Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 1	Round 2	Round 3
			Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1		
1	Pankratz, Sam AMA#1063457	7,357.6	1,000.0	1,000.0	843.3 thrown	947.6 thrown	1,000.0	892.7 thrown	963.4	989.6	990.7	493.5	420.4	500.0
2	Bruce, Cayden AMA#954714	7,290.6	975.0	856.3 thrown	1,000.0	933.9 thrown	954.9	1,000.0	1,000.0	969.7	939.2 thrown	500.0	436.3	454.8
3	Hedrick, JJ AMA#1036358	7,288.3	997.6	936.2 thrown	948.3 thrown	944.8	960.9	993.7	829.7 thrown	960.3	1,000.0	455.9	500.0	475.2
4	Landa, Michael AMA#1099276	7,190.7	929.5	906.5 thrown	788.9 thrown	967.6	881.9 thrown	969.0	965.1	1,000.0	1,000.0	434.3	439.2	485.9
5	Lambert, Rhett AMA#1105468	6,981.4	952.9	902.4 thrown	917.8	1,000.0	881.4 thrown	843.4 thrown	942.3	923.9	951.3	371.8	446.6	474.8
6	Duggan, Mike AMA#5	6,929.7	911.9	872.9	794.2 thrown	940.0	983.1	829.9 thrown	966.7	725.5 thrown	905.4	427.8	437.4	484.4
7	Young, Luke AMA# 976804	6,815.0	871.4	922.8	737.9 thrown	883.0	924.9	855.7 thrown	789.2 thrown	921.6	903.5	447.4	458.8	481.6
8	Leister, Philip AMA#875929	6,663.7	804.8	799.7 thrown	828.4 thrown	854.7	858.7	934.0	785.5 thrown	873.5	934.3	462.2	466.1	475.4
9	Mcintire, Guy AMA#L400444	5,821.3	841.5 thrown	886.7	877.9 thrown	794.8	687.9	599.9 thrown	767.9	834.0	717.9	381.0	363.2	387.9
10	Leister, Durell AMA#233247	5,798.1	828.5 thrown	566.9 thrown	744.3	660.3	888.9	859.2 thrown	835.8	764.4	844.1	402.2	319.9	338.2
11	Roxberry, Michael AMA#1368	5,207.7	673.2	543.8 thrown	544.9 thrown	583.7	623.1	477.4 thrown	663.2	696.4	791.4	386.3	381.0	409.3
12	Young, Thomas AMA#99373	4,410.6	632.9	570.1	580.6	527.8 thrown	729.3	541.9 thrown	489.9 thrown	660.1	660.8	305.8	270.9	0.0
13	Foster, Randy AMA#828638	3,910.5	748.6	863.5	844.6	784.8	9.9 thrown	9.9 thrown	9.9 thrown	0.0	0.0	332.5	0.0	336.6
14	Norton, Jim AMA#221727	968.1	617.3	350.7	9.9 thrown	9.9 thrown	9.9 thrown	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[us] - Unknown rounds were scaled to ~500 max points each. (Sum of Unknowns weighted as 20% of the total score.)

Unlimited

Final scores in Unlimited ranged from a low of 556.4 to a high of 7,493.6 (a range of 6,937.2)

Rank	Pilot	Final Score	Known									Unknown [us]		
			Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 1	Round 2	Round 3
			Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1		
1	Moser, David AMA#854738	7,493.6	982.8 thrown	1,000.0	996.1	979.7 thrown	1,000.0	987.2 thrown	1,000.0	1,000.0	1,000.0	500.0	500.0	497.5
2	Koelling, Kurt AMA#6238	7,377.2	1,000.0	981.6	1,000.0	994.4	987.9 thrown	978.6	970.1	883.9 thrown	949.3 thrown	468.9	483.7	500.0
3	Shulman, Jason AMA#1153	7,236.2	938.7	998.9	927.7 thrown	1,000.0	940.0	1,000.0	989.1 thrown	971.2	848.2 thrown	471.3	465.7	450.5
4	Reifsnnyder, Kal AMA#29	6,963.5	891.9 thrown	950.4	938.4	984.7 thrown	935.5	950.5	886.2 thrown	976.0	920.0	457.3	370.6	464.8
5	Silva, Carlos AMA#1047407	6,662.1	854.4 thrown	900.0	831.4 thrown	920.8	883.5	912.1	898.8	898.6	848.4 thrown	388.2	436.8	423.3
6	Baker, Craig AMA#8072	6,624.2	903.5	916.4	886.9 thrown	857.3	922.8	866.7	786.3 thrown	878.4	828.1 thrown	434.7	424.3	420.2
7	Morton, Ray AMA#1407	6,367.4	835.6	856.8	879.2 thrown	859.9	884.9 thrown	838.3	842.6	877.1	786.3 thrown	435.4	423.2	398.5
8	Matustik, Louis A. AMA#L1900	6,146.2	849.0	853.3	748.8 thrown	856.8	798.0	738.9 thrown	827.3	780.9	748.4 thrown	378.2	389.5	413.1
9	Kochay, Adi AMA#875637	6,036.9	784.2	819.6	827.3	814.7	728.9 thrown	759.3 thrown	829.6	771.2	738.7 thrown	339.1	396.2	454.9
10	Maharis, Thomas AMA#863867	5,993.3	9.9 thrown	9.9 thrown	826.5	755.6	845.8	767.5	761.5	848.3	474.3 thrown	328.9	410.6	448.5
11	Schroder, John AMA#893	556.4	556.4	9.9 thrown	9.9 thrown	9.9 thrown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[us] - Unknown rounds were scaled to ~500 max points each. (Sum of Unknowns weighted as 20% of the total score.)

Intermediate

Final scores in Intermediate ranged from a low of 2,691.0 to a high of 7,481.5 (a range of 4,790.5)

Rank	Pilot	Final Score	Known									Unknown [us]		
			Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 1	Round 2	Round 3
			Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1		
1	Cantin, Kobe AMA#4	7,481.5	995.3 thrown	979.8 thrown	1,000.0	998.8	997.8	1,000.0	1,000.0	1,000.0	982.4 thrown	484.8	500.0	500.0
2	Herron, David AMA#582686	7,228.1	1,000.0	1,000.0	933.7 thrown	967.8	928.3 thrown	948.0 thrown	965.2	947.1	1,000.0	500.0	391.3	456.5
3	Bonachea, Carlos AMA#833085	7,176.7	938.4	953.4	984.9	986.2	898.0 thrown	964.9	963.5	929.0 thrown	884.3 thrown	490.2	401.3	493.9
4	Pellerin, Terry AMA#418879	6,960.8	999.0 thrown	906.9	933.3	1,000.0	904.9	947.7	849.4 thrown	988.8	886.0 thrown	449.8	378.0	451.4
5	Jaffe, A.J. AMA#680780	6,901.1	920.3	940.9	939.4	931.9	892.4	936.8	799.2 thrown	8.0 thrown	873.4 thrown	476.8	392.4	470.2
6	Jaworski, Andrew AMA#753164	6,900.9	823.1 thrown	916.7	905.6	941.2	904.6	886.0 thrown	948.2	967.9	882.0 thrown	434.9	448.4	433.4
7	Mackles, Ben AMA#953087	6,688.1	949.5	847.8 thrown	964.0	407.0 thrown	1,000.0	997.1	883.5 thrown	939.8	897.6	0.0	453.0	487.2
8	Messick, Skip AMA#398430	6,574.9	887.0	815.9	953.6	955.8	842.6 thrown	844.1	880.2 thrown	905.9	886.2 thrown	465.0	311.6	436.1
9	Maruschek, Jeff AMA#934563	6,402.0	877.0	8.0 thrown	853.0	901.7	885.0	923.7	885.2	885.0 thrown	784.0 thrown	402.3	334.7	339.5
10	Ramsey, Jacob AMA#842482	6,335.3	840.7	892.0	937.4	996.8	827.3	929.0	8.0 thrown	8.0 thrown	8.0 thrown	482.6	429.5	0.0
11	Turner, Kevin AMA#937387	2,691.0	511.1	776.0	8.0 thrown	8.0 thrown	8.0 thrown	0.0	0.0	0.0	760.6	361.1	0.0	282.2

[us] - Unknown rounds were scaled to ~500 max points each. (Sum of Unknowns weighted as 20% of the total score.)

Advanced

Final scores in Advanced ranged from a low of 6,365.5 to a high of 7,461.8 (a range of 1,096.4)

Rank	Pilot	Final Score	Known									Unknown [us]		
			Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 1	Round 2	Round 3
			Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1	Seq 1		
1	Turner, Evan AMA#964797	7,461.8	1,000.0 thrown	1,000.0 thrown	1,000.0 thrown	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	500.0	500.0	461.8
2	Johnson, Mitch AMA#988310	7,124.9	944.4 thrown	941.9	854.0 thrown	920.0	924.6	939.8	984.8	889.0 thrown	937.9	499.9	497.3	478.6
3	McCreary, Joshua AMA#987862	6,713.2	881.7 thrown	894.6	822.0 thrown	894.4	828.0 thrown	875.3	933.8	879.7	889.9	477.1	452.7	415.7
4	Thibodeau, Joseph AMA#11718	6,492.9	824.0 thrown	885.1	741.8 thrown	868.6	842.3	895.7	786.8 thrown	860.7	925.5	292.8	422.2	500.0
5	Andrews, Earle AMA#885959	6,480.9	918.1	883.0 thrown	837.8 thrown	981.3	829.4	917.8	876.9	839.4	799.0 thrown	392.0	339.7	386.2
6	Arnold, Dale AMA#7467	6,365.5	860.3	843.2 thrown	817.1	910.4	789.3 thrown	798.5 thrown	873.7	844.7	865.8	481.1	338.9	373.5

[us] - Unknown rounds were scaled to ~500 max points each. (Sum of Unknowns weighted as 20% of the total score.)



On Exhibit!

National Model Aviation Museum Hours:
7 days a week 10 a.m.-4 p.m.

In the early 1970s, some modelers felt that there was a declining interest in RC Pattern competition. Comments included that it was boring to watch, all of the airplanes looked alike, they flew too fast, and there was no spectator interest.

Jerry Nelson and Olie Olson, founding members of the International Miniature Aerobatic Club (IMAC), proposed a new event. Pilots would be judged on how well they could fly specific maneuvers using models that looked like full-scale aerobatic aircraft. Unlike Pattern, a pilot's entire flight, instead of just individual maneuvers, would be judged.

Olie tested the idea when he put on the first National Multi-Wing Championships, in Omaha, Nebraska, in 1973. Although Scale aircraft were not required, models had to be biplanes because that was the type of aircraft being flown in full-scale aerobatic competitions.

Also for the championships, pilots had to include five extra stunts, or freestyle maneuvers, between the required maneuvers. Bill Heger, flying this aircraft, won that first event and the first IMAC Nationals hosted by Sig Manufacturing Co., Montezuma, Iowa.



The museum had been looking for the Knight Twister—or at least plans for the model so a reproduction could be built—for years without luck. Then out of the blue, Jack Popenhager, a longtime friend of Bill's, called asking if we might be interested in this airplane that his friend had competed with.

The Knight Twister is currently on display in the National Model Aviation Museum. Be sure you stop in and check it out!

GET YOUR NATS GEAR!

Visit the Cloud 9 Museum Store for shirts, hats, aeromodeling souvenirs, and more!

NATS
ACADEMY OF MODEL AERONAUTICS
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