

WAYNE SKYHAWKS 4-H ROCKETRY CLUB 1975 MEETING AND LAUNCH SCHEDULE

Friday, February 7	Meeting	8:00 p.m.	(Dues - \$2.50)
Friday, March 7	Meeting	8:00 p.m.	
Friday, April 4	Meeting	8:00 p.m.	
Friday, May 2	Meeting	8:00 p.m.	
Sunday, May 4	Launch	2:00 p.m.	
Sunday, May 18	Launch	2:00 p.m.	
Friday, June 6	Meeting	8:00 p.m.	
Sunday, June 8	Launch	2:00 p.m.	
Sunday, June 22	Launch	2:00 p.m.	
Friday, July 11	Meeting	8:00 p.m.	
Sunday, July 13	Launch	2:00 p.m.	
Friday, July 25	Meeting	8:00 p.m.	(Dues - \$2.50)
Sunday, July 27	Launch	2:00 p.m.	
Monday, July 28	Set up Fair -- All Day		
Tuesday, July 29	Set up Fair, set up club booth, and display members' models		
Wednesday, July 30	Opening Day - 1975 Passaic County 4-H Fair		
Thursday, July 31	Fair - Chicken Bar-B-Que		
Friday, August 1	Fair - Awards Program		
Saturday, August 2	Meeting	8:00 p.m.	
Friday, August 15	Launch	2:00 p.m.	
Sunday, August 17	Launch	2:00 p.m.	
Sunday, August 31	Meeting	8:00 p.m.	(Election of Officers)
Friday, September 5	Launch	2:00 p.m.	
Sunday, September 7	Launch	2:00 p.m.	
Sunday, September 21	Meeting	8:00 p.m.	
Friday, October 3	Launch	2:00 p.m.	
Sunday, October 5	Launch	2:00 p.m.	
Friday, November 7	Meeting	8:00 p.m.	(Last meeting for 1975)

OFFICERS OF THE WAYNE SKYHAWKS

MAY 1972 - JUNE 1973

Mr. Michael Wolfe, Leader
Ken Montanye, President
George Wagner, Vice Pres.
Mike Gortych, Secretary
Steve Appleton, Secretary
Tom Wolfe, Treasurer

JULY 1973 - JUNE 1974

Ken Montanye, Leader
Chuck Mund, President
George Wagner, Vice Pres.
Steve Appleton, Secretary
Tom Wolfe, Treasurer
Jerry Wagner, Treasurer

JULY 1974 - SEPT. 1975

Ken Montanye, Leader
John Bogucz, President
Joe Walmach, Vice President
Armand DeMauro, Secretary
Eric Mund, Treasurer

1975 WAYNE SKYHAWK MEMBERSHIP

Ken Montanye, Leader
John Bogucz, President
Joe Walmach, Vice-President
Armand DeMauro, Secretary
Eric Mund, Treasurer
Steve Appleton
Brian Basista
Janet Casagrand
Bob Casagrand
Richard Donato
Glen Dudek
Robert Dzienis
Ted Ellenis
Cliff Fisher Jr.
Frank Gozzo
Rich Kruse
Mike Lami
Leonard Mindes
Mike Mischko
Chuck Mund
Gary Nicoletti
Al Piombo
John Sedeyn
Jon Soleaun
George Wagner
Jerry Wagner
Bob Williams
Kevin Van Orden

CONTESTS AND WINNERS

On Saturday morning Sept. 9, 1972 and Sunday afternoon Sept. 10, 1972, the Wayne Skyhawks held their first contest.

Events

- (1) 1/2 A-engine steamer duation
- (2) Spot landing - open
- (3) 1/2 A-engine parachute duration
- (4) Drag race competition
- (5) Boost/Glide duration - open

Age groups

- Group #1 - 9,10,11,12
Group #2 - 13, 14,15
Group #3 - 16,17,18,19

Results

Contest Points 4 Events
Meet Champion - James Wagner

20 pts.

Group #1

Frank Kuchta
Robert Williams
Jerold Wagner

11 pts. Steve Appleton 3 pts.
10 pts. Eric Mund 2 pts.
5 pts.

Group #2

James Wagner
Bill Simons

20 pts. Tom Gortych 2 pts.
6 pts. John Sedeyn Partic.

Group #3

Robert Kuchta
Ken Montanye
John Bilecki
Chuck Mund

14 pts. George Wagner 1 pt.
11 pts. Tom Wolfe Partic.
8 pts. Mike Gortych Partic.
2 pts.

Spring of 1973 Contest: Sunday April 29, 1973

Events

- (1) 1/4 A-engine Parachute duration
- (2) B-engine steamer duration
- (3) Boost/Glide duration - open
- (4) D-engine steamer duration

Age groups

Junior division - 14 and under
Senior division - 15 and over

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Results

Junior division
1st Jerry Wagner
2nd Robert Williams
3rd C. R. Fischer

Senior division
1st George Wagner
2nd Francis Persor
3rd Tom Wolfe

Fall of 1973 Contest

Events

- (1) B-engine steamer duration
- (2) D-engine steamer duration
- (3) A-engine parachute duration
- (4) Sparrow boost/glide duration
- (5) Single egg lofting - open

Results

Meet Champion: Mund - Wagner team

Junior division

1st Mund - Wagner 56pts.
2nd Bob Porta 30 pts.
3rd Mike Lami 23 pts.
4th John Sedeyn 16 pts.

Senior division

1st Chuck Mund 55 pts.
2nd George Wagner 41 pts.
3rd Ken Montanye 40 pts.
4th Tom Wolfe 20 pts.

Spring of 1974 Contest: Sunday May 19, 1974

Events

- (1) D-engine dual egg lofting
- (2) B-engine parachute duration
- (3) 1/2 A-engine steamer duration
- (4) D-engine steamer duration
- (5) Boost/Glide duration - open

Results

Meet Champion: John Bogucz

Junior division

John Bogucz 50 pts.
Armond DiMauro 49 pts.
Steve Appleton 21 pts.
Bob Dzienis 3 pts.

Senior division

Francis Person 40 pts.

Fall of 1974 Contest: Sept. 8, 1974

Events

- (1) A-engine glide duration
- (2) B-engine egg lofting
- (3) C-engine streamer duration
- (4) A-engine parachute duration

Results

Meet Champion: John Bogucz

John Bogucz	25 pts.
Steve Appleton	18 pts.
Bob Dzienis	11 pts.
Bob Williams	3 pts.
Al Piombo	2 pts.
Janet Casagrand	1 pt.
Bob Casagrand	Partic.

At the annual awards program held Friday evening Nov. 22, 1974 the 1st place winner of the Wayne Skyhawks Evil Knievel contest was Joe Walmach, 2nd place Bob Dudek, 3rd place Bob Dzienis.

Events for the 1975 Spring Contest

- (1) B-engine booster A-engine top stage parachute duration
- (2) A-engine gyroco duration
- (3) Evil Knievel - open
- (4) D-engine egg lofting
- (5) B-engine drag parachute duration

Prizes for the contests are awarded to the overall winner and for each individual event.

The Model Rocket

A MODEL ROCKET IS ACTUALLY A VERY SIMPLE VEHICLE, CONSISTING OF ONLY SIX BASIC COMPONENTS. THEY ARE:

①

NOSE CONE

A cap for the forward end of the body, it is designed to direct the airflow smoothly around the rocket.

②

BODY TUBE

Basic rocket airframe. All other parts of the rocket are either attached to it or are carried inside it.

③

RECOVERY

Usually consists of a parachute attached to the body and nose cone by means of an elastic shock cord. Ejected at the peak altitude of the rocket's flight, the recovery system lowers the rocket slowly and safely to the ground.

④

LAUNCH LUG

Guides the rocket along the launching rod until sufficient speed is produced to allow the fins to provide flight stability.

⑤

FINS

Located at the aft end of the rocket, they serve to guide the rocket in a straight flight path.

⑥

ENGINE MOUNT

Designed to center and hold the engine in the body tube. Also transmits engine thrust to the airframe.

