

# PHOENIX MODEL AIRPLANE CLUB

HAVING FUN WITH MODEL AIRPLANES SINCE 1937

VOLUME 13 NUMBER 3

<http://www.freeflight.org/PMAC/>

MARCH 2008

## **Colorado's Magnificent Mountain Men get their field back !**

This is great news for those who travel to the 14 Rounder and other contests on Colorado's wonderful field.

Apparently the problem was with the misuse of chase vehicles by a few people.

Major contest dates are: June 27-28-29 "America's Toughest Contest" 14 Round America's Cup + AMA/NFFS National Cup Challenge + HLG "Ruckus in the Rockies"

43rd Rocky Mt. FF Champs Aug 30-31-Sept.1 AMA-FAI-NFFS-SAM events + FAC Mountain States Scramble.

## **NFFS approves the Dixielander for the Nostalgia event.**

The version approved is the Yeoman kit version. NFFS plans service is selling a plan of this version. Details are in the current NFFS Digest.

**NEXT MEETING**

**WEDNSDAY**

**MARCH 12<sup>th</sup> 7:00 PM.**

**8201 S. Hardy**

**Tempe police Dept. Auditorium**

**PROGRAM**

**Herman Andresen will discuss  
some aspects of wing design.**

**Show And Tell, bring your latest  
creation.**



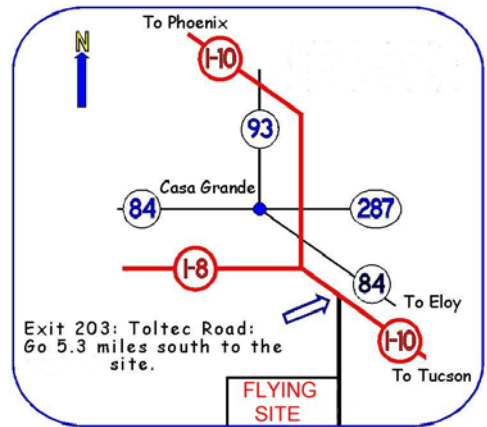
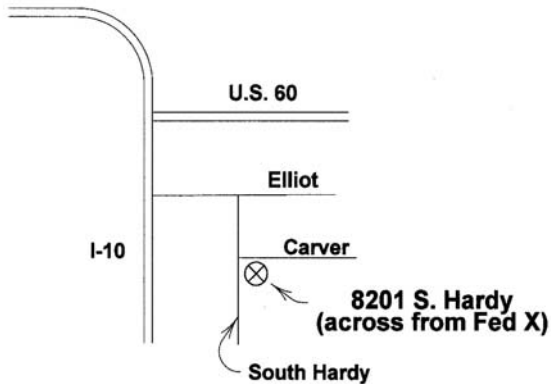
**FLYING  
ACES**

**NEXT MEETING**  
**WEDNSDAY**  
**MARCH 12th 7:00 PM.**  
**8201 S. Hardy**

**Tempe police Dept. Auditorium**

**PROGRAM**

**Al Lidberg will discuss various materials and methods to cover a model.**



**NEXT CONTEST**  
**SATURDAY**  
**MARCH 15th**  
**ELOY,**  
**ARIZONA**

**CLUB OFFICERS**

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## PMAC/TFFC Worksheet

### AMA/Classic Gas (all engine classes)

### Points

Contestant Name	Event	Flt 1	Flt 2	Flt3	FO 1	FO2	FO3	Total Time	Time	Maxes	Flights	Total
Nelson, D	B/C	180	180	180	180			720	2	20	10	32
Langelias, B	1/2 A	180	172	147				499	4	5	10	19
Burros, R	1/2 A	180	180	180	156			696	2	15	10	27
Miller, T	A/B	75	135	141				351	2		10	12

### Nostalgia Gas/OT Gas Combo (all engine displacements)

Contestant Name	Event	Flt 1	Flt 2	Flt3	FO 1	FO2	FO3	Total Time	Time	Maxes	Flights	Total
Nelson, D	C Nos	105	180	180				465	2	10	10	22
Andrews, J	A Nos	180	160	12				352	2	5	10	17
Sobala, D	A Nos	180	170	180				530	4	10	10	24
Nelson, D	OT B Fus	162	121	180				463	2	5	10	17
Nelson, D	OT B Pyl	180	180	135				395	2	10	10	22
Nelson, D	OT A Fus	150	180	180				510	2	10	10	22

### 2 Minute Combo (F1G/H/J, .020 Replica, P-30, Rocket, Embryo)

Contestant Name	Event	Flt 1	Flt 2	Flt3	FO 1	FO2	FO3	Total Time	Time	Maxes	Flights	Total
Brocks, P	F1G	120	120	120	128			608	2	15	10	27
Keller, M	P-30	75	117	74				266	2		10	12
Nead, B	R-20 (?)	120	120	104				344	2	10	10	22

### 3 Minute Rubber/Glider Combo (Mulvihill, Moffett, OT Rubber, Nos Wakefield/Rubber, Classic Towline)

Contestant Name	Event	Flt 1	Flt 2	Flt3	FO 1	FO2	FO3	Total Time	Time	Maxes	Flights	Total
Keller, M	A-1	91	72	81				244	2		10	12
Lovejoy, R	OT Rub	101	130	90				321	4		10	14
Prescot, K	OT Rub	85	85	82				252	2		10	12
Nelson, E	CI Glider	98	148	73				319	2		10	12
Total Time for Moffett, Mulvihill is reduced by to .75 to compensate for longer max flights.												

### 3 Minute FAI Combo (F1A, F1B, F1C, F1P, F1Q)

Contestant Name	Event	Flt 1	Flt 2	Flt3	FO 1	FO2	FO3	Total Time	Time	Maxes	Flights	Total
Brocks, P	F1A	147	180	180				507	4	10	10	24
Nelson, E	F1A	99	64	60				223	2		10	12
Farmer, Jim	F1A	180	180	180	147	158	180/180	1205	6	25	10	41
Farmer, Joe	F1A	180	180	180	180	180	180/166	1246	8	30	10	48
Nelson, E	F1B	180	180	180				540	2	15	10	27

### Catapult /Hand Launched Glider Combo

Contestant Name	Event	Flt 1	Flt 2	Flt3	Flt 4	Flt5	Flt6	Total Time	Time	Maxes	Flights	Total
Nelson, E	Cat	115	120	107				342	6	5	10	21
Brocks, P	Cat	80	120	120				320	4	10	10	24
Keller, M	Cat	55	109	120				284	2	5	10	17
Brocks, P	HLG	64	53	42				159	2		10	12
Keller, M	HLG	20	39	120				179	4	5	10	19

## Contest Ladder Summary

2/24/2008

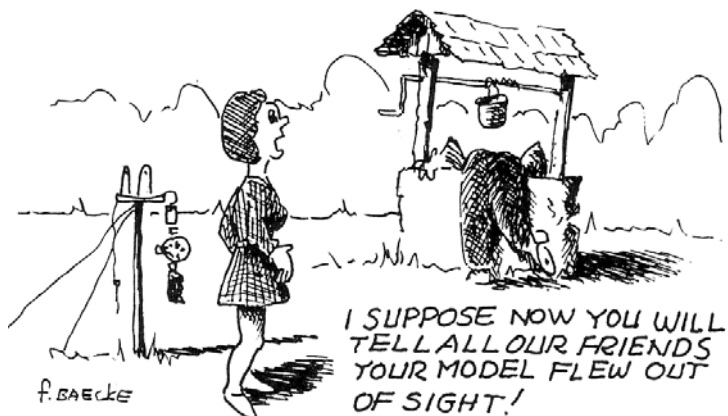
Dick Nelson	115
Peter Brocks	87
Elmer Nelson	72
Mike Keller	60
Joey Farmer	48
Jim Farmer	41
Randy Burros	27
Dan Sobala	24
Ben Nead	22
Bill Langelius	19
Jean Andrews	17
Roland Lovejoy	14
Kent Prescott	12

A Nostalgia	15
1/2 A Nostalgia	11
1/2 A Gas	9
B Nostalgia	9
Nostalgia Wakefield	9
C Nostalgia	8
OT Rubber Small Stick	8
1/2 A Classic Power	7
P30	7
AB Gas	6
CD Gas	5
1/4 A Nostalgia	5
Mulvihill	5
OT Rubber Small Fuselage	5
Catapult Glider	5
Hand launch Glider	5
Classic AB Power	4
Classic CD Power	4
Nostalgia Rubber	4
Moffett Rubber	4
Classic Tow Line	4
Jetex Rapier	4
.020 Replica	3
OT Gas Pylon	3
OT Rubber Large Stick	3
Jimmy Allen	3
Powerhouse	3
Early 1/2 A Nostalgia	2
OT Gas Fuselage	2
Tow Line A1	2
Tomboy	2
OT Rubber Large Fuselage	1
Twin Pusher	1
Delta Dart	1

## What we flew at the Regionals

This list is from time cards turned in and not just a list of how many signed up.

F1A	17
F1B	17
F1G	12
F1C	8
F1H	6
F1J	2
F1Q	1



Peter Brocks collecting more trophies in California



The inner workings of an F1E magnet steered glider

Peter about to launch his F1E in California



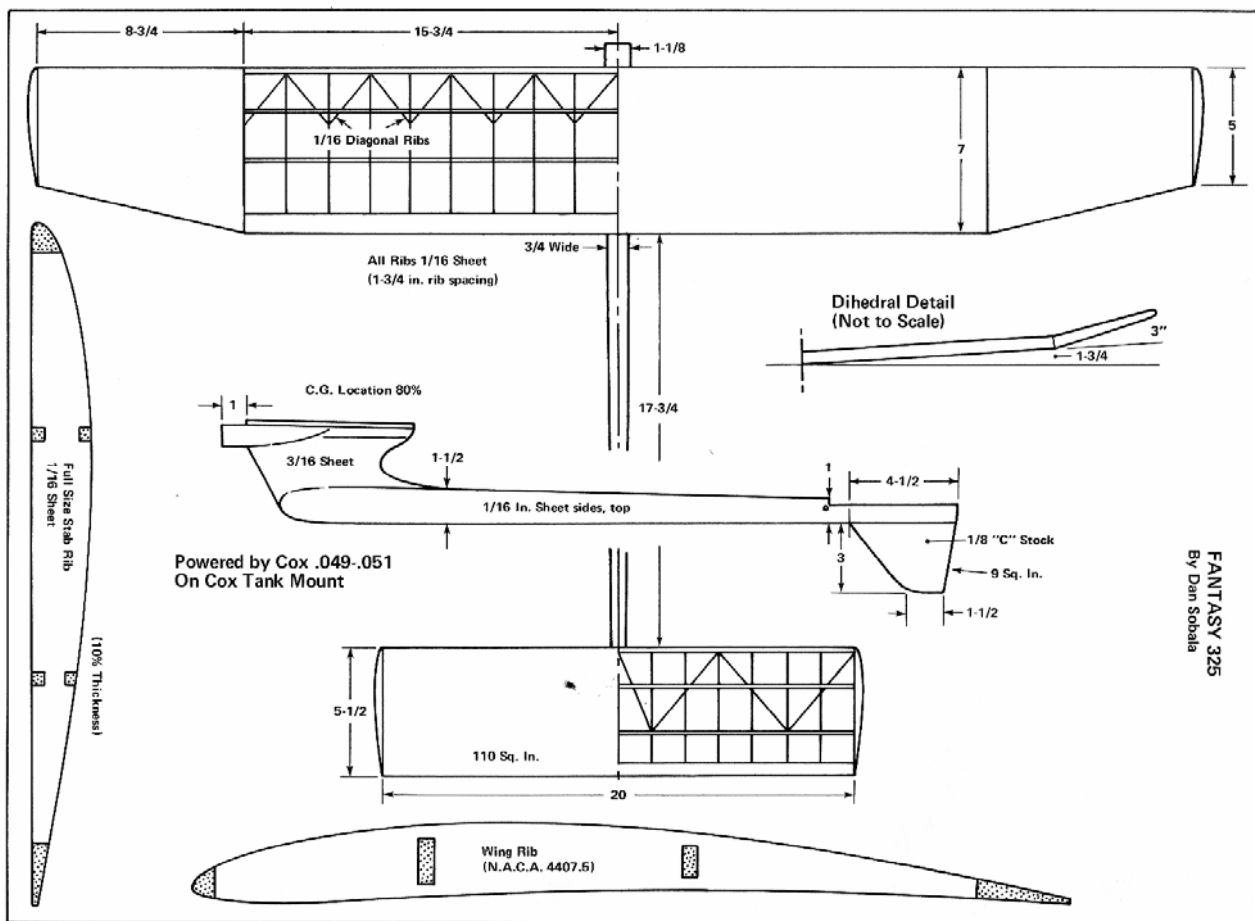
( photos courtesy of Peter Brocks )

2008  
PMAC/TFFC  
CONTEST SCHEDULE

December 14, 2007

	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	America & National Cup	
	President's Cup	Spring Break	I-10 Challenge	Hot Stuff	Fall Kick-off	Ghost Riders	Turkey Shoot	Arizona Free Flight Championships	
	Sunday	Saturday	Sunday	Saturday	Sunday	Saturday	Sunday	Saturday	Sunday
	2/24/2008	3/15/2008	4/20/2008	5/17/2008	9/14/2008	10/25/2008	11/16/2008	12/6/2008	12/7/2008
<b>GAS EVENTS</b>								<b>8</b>	<b>7</b>
AMA 1/2 A GAS	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	
AMA A/B GAS	X	X	X	X	X	X	X		X
AMA C/D GAS	X	X	X	X	X	X	X	X	
AMA Classic 1/2A Gas	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)		(Jr) (SO)
AMA Classic AB Combo	X	X	X	X	X	X	X		X
AMA Classic CD Combo	X	X	X	X	X	X	X	X	
NOS 1/4 A	X	X	X	X	X	X	X	X	
NOS 1/2 A GAS	X	X	X	X	X	X	X		X
NOS A GAS	X	X	X	X	X	X	X	X	
NOS B/C GAS Combo	X	X	X	X	X	X	X	C	B
NOS Early 1/2 A Gas	X	X	X	X	X	X	X		X
OT .020 REPLICA	X	X	X	X	X	X	X	X	
OT GAS COMBO	X	X	X	X	X	X	X		X
OT RC	X	X	X	X	X	X	X	X	
<b>Rubber Events</b>								<b>4</b>	<b>3</b>
P-30	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	
NOS RUB, Nos Wake, & Combo	X	X	X	X	X	X	X	Nos Wake	Nos Rub
OT Fus Combo Rubber	X	X	X	X	X	X	X	X	
OT Stick Combo Rubber	X	X	X	X	X	X	X		X
MULVIHILL	X	X	X	X	X	X	X		X
MOFFETT	X	X	X	X	X	X	X	X	
<b>FAI Events</b>								<b>3</b>	<b>3</b>
F1A/F1B/F1C Combo	X	X	X	X	X	X	X	F1A,F1B,F1C	
F1G/F1H/F1J Combo	X	X	X	X	X	X	X		F1G,F1H,F1J
<b>GLIDER EVENTS</b>								<b>1</b>	<b>2</b>
H. L. GLIDER	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	
CAT GLIDER	(Jr) (SO)	(Jr) (SO)	(JR)(SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)	(Jr) (SO)		(Jr) (SO)
Classic Glider	X	X	X	X	X	X	X		X
<b>Contest Directors</b>	Lichtenberge	E. Nelson	Brocks	Strang	Loeffler	D.Nelson	Andrews	Burros/E.Nelson	
<b>Contest Classification</b>	A	A	A	A	A	A	A	AA	AA
<b>Total Events</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>16</b>	<b>15</b>

**Note: All one day contests will be flown in combined categories. Essentially, anything you bring to the field can be flown in one of six categories**

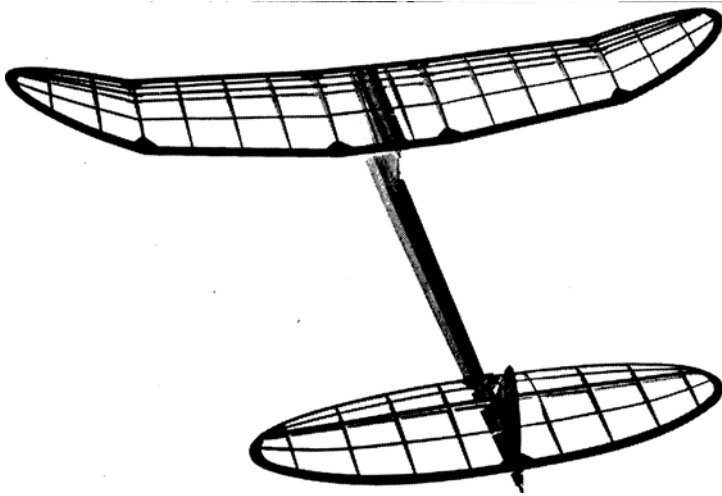


### THREE-VIEW - THE FANTASY 325 BY DAN SOBALA

(From an old Bob Stalick column in Model Builder)

"I respect greatly the flying of Dan Sobala. His designs have the appearance of simple practicality. They are not impressively up-to-the-present-fad, but do they fly. Such a design is this month's three view.

Designed in the early 1960's, the Fantasy has placed in the top three in over 80% of the contests entered. A thin, flat-bottomed section was initially used, giving the model a fast climb, but only a marginal glide in neutral air. With a change to the 4407.5 NACA section, the glide improved to better than average while the climb speed was only slightly affected. The climb pattern of a slight left spiral requires only left thrust with zero rudder offset. Glide turn is by stab tilt. The present ft-off rules in Category II place larger 1/2A models at a disadvantage, so the Fantasy is probably a good bet using an .09"



**NEXT MEETING**  
**WEDNESDAY**  
**MARCH 12<sup>th</sup>**

**NEXT CONTEST**  
**MARCH 15th**

**ELOY**

**PHOENIX**

**MODEL AIRPLANE CLUB**

Steve Riley

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