



**ENTRY FORM  
2011 SAM CHAMPS  
Boulder City  
Nevada**

**October 2nd to October 7th, 2011  
AMA SANCTIONED**



Registrar's Information Box  
**Entrant NO.**

- Early entries postmarked not later than 24 Sept. 2011 are eligible for SAM drawing (at Banquet)
- Changes to entries after 28 September are to be made during the Champs
- Full entry fee refund for cancellations or no-shows
- Full refund for Bean Feed, Reception and Banquet if cancelled prior to 28 September 2010
- U.S. and Foreign entries must be accompanied by proof of AMA, MAAC and SAM Membership
- Foreign entries (except for MAAC members) will require affiliate membership in AMA (\$28.00) for insurance purposes prior to start of competition.

**Entry Fees: \$20.00 for first event; \$10.00 for each additional event; \$60.00 maximum**

Number of events entered_____	Total entry Fee: _____
Foreign Entry Affiliate Membership Fee (not applicable for AMA or MAAC members) \$28.00	_____
"Bean Feed" BBQ _____ Tickets @ \$23.00 each	_____
SAM Swap Meet _____ Tables @ \$10.00	_____
Banquet _____ Tickets @ \$33.00 each	_____
T Shirt Small ___ Med ___ Lge ___ Xlge ___ XXlg ___ XXXlg ___ XXXXlg @ \$11.00 each	_____
Polo Shirt Small ___ Med ___ Lge ___ Xlge ___ XXlg ___ XXXlg ___ XXXXlg @ \$20.00 ea.	_____
Sweat Shirt Small ___ Med ___ Lge ___ Xlge ___ XXlg ___ XXXlg ___ XXXXlg @ \$21.00 ea.	_____
For XXLge add \$2.00 per, for XXXLge add \$3.00 per for XXXXLge add \$4.00 per item.	
Ball Caps _____ @ \$12.00 each	_____
Package deal, combine any shirt and Baseball cap and take \$2.00 off the set.	
12 oz Coffee Cup with 2011 SAM Champs Logo _____ @ \$10.00 each	_____
Engine Raffle Tickets; \$3 each, 4 tickets for \$10, 12 tickets for \$25	Number _____
(Please Check Your Addition)	<b>TOTAL</b> _____

All Fees Are In U.S Dollars. Make Your Check or Money Order Payable to SAM (no Credit Cards or PayPal)

Fill out the complete entry form with event listing, wing areas, model names, engines, frequencies and other data. If flying on 50 MHz or 53 MHz frequencies, include copy of FCC license. Mail the signed entry form **with copies of your AMA, MAAC or national model club license and SAM membership card to:**

**Gene Drake**  
1845 Bigelow Rd. Riverside, CA, 92506  
(951)-790-2085 [genedrake@earthlink.net](mailto:genedrake@earthlink.net)

Name \_\_\_\_\_ AMA No. \_\_\_\_\_ SAM No. \_\_\_\_\_ SAM Chapter \_\_\_\_\_

Address \_\_\_\_\_ City, State, ZIP \_\_\_\_\_

I agree that my models will have been tested and will qualify to be flown in the presence of others.  
I agree to report to the CD before leaving the field any accident I am involved in or may witness.  
I agree to abide by the AMA Flight Safety Declaration and any and all special field rules imposed at this contest.  
I certify that all models entered in the Championship events comply with the 2010 SAM Rule Book.

Entrant Signature \_\_\_\_\_

Parent/Guardian Signature if entrant is under 21 \_\_\_\_\_

Phone; Home / Cell \_\_\_\_\_ / \_\_\_\_\_ email \_\_\_\_\_

Spouse / Companion Name \_\_\_\_\_

Banquet Spouse/Guest Names \_\_\_\_\_

# 2011 SAM CHAMPS SCHEDULE

WHEN	WHAT	WHERE
<b>Sunday 2<sup>nd</sup> October</b>		
1:00 to 6:00 pm	Hotel Check-in and Contestant Pack Pickup	Hacienda Hotel and Casino
7:00 to 8:30 pm	Reception/Cash Bar and Pilots Meeting	Hacienda Hotel and Casino
<b>Monday 3<sup>rd</sup> October</b>		
8:00 am to 4:00 pm	Flying Events	El Dorado Dry Lake
8:00 pm to 9:30 pm	Board of Director's Meeting Members Free Evening	Hacienda Hotel and Casino
<b>Tuesday 4<sup>th</sup> October</b>		
8:00 am to 4:00 pm	Flying Events	El Dorado Dry Lake
7:00 pm to 9:00 pm	"Bean Feed" Buffet	Hacienda Hotel and Casino
<b>Wednesday 5<sup>th</sup> October</b>		
8:00 am to 4:00 pm	Flying Events	El Dorado Dry Lake
6:30 pm to 8:30 pm	Swap Meet and Concours Event*	Hacienda Hotel and Casino
8:30 pm to 9:30 pm	Membership Business Meeting	Hacienda Hotel and Casino
<b>Thursday 6<sup>th</sup> October</b>		
8:00 am to 4:00 pm	Flying Events Member's Free Evening	El Dorado Dry Lake
<b>Friday 7<sup>th</sup> October</b>		
8:00 am to 4:00 pm	Flying Events	El Dorado Dry Lake
6:30 pm to 9:00 pm	Awards Banquet / Cash Bar	Hacienda Hotel and Casino
<b>There will be a Ladies Program</b>		<b>Details TBD</b>

**Head Quarters Hotel**

**Hacienda Hotel & Casino**  
 SAM Champs Headquarters  
 Boulder City, NV 89005  
 (702)-293-5000  
 Ask for SAM Champs Rate

**2011 SAM Champs Managers**

**Dave Meriwether**  
 2141 A Ronda Granada  
 Laguna Woods, CA, 92637  
 (949) 350-4075  
[meriwed@comline.com](mailto:meriwed@comline.com)

**Registrar**

Gene Drake  
 1845 Bigelow Road  
 Riverside, CA, 92506  
 (951)-790-2085  
[genedrake@earthlink.net](mailto:genedrake@earthlink.net)

**Free Flight Contest Director**

**Hal Wightman**  
 607 Mt. Vernon Way  
 Placentia, CA, 92870  
 714-528-1850  
[hal\\_judith@prodigy.net](mailto:hal_judith@prodigy.net)

**Radio Control Contest Director**

**Steve Roselle**  
 933 Barbara Ave  
 Mountain View, Ca 94040  
 (650) 969-1721  
[mailto:sroselle@earthlink.net](mailto:mailto:sroselle@earthlink.net)

## 2011 SAM Champs - Event Listing - Free Flight

Contestant Name		No.			
<b>Monday October 3rd, 2011 0800 - 1600</b>					
#	Event Name	Model	Engine		Wing Area
			Make	Size	Sq. Inches
1	<b>A Fuselage*</b>				
2	<b>Fuel Allotment*</b>				
3	Large Stick Rubber#				
4	Small Cabin Rubber#				
5	.020 Replica				
7	Tomboy (can be flown all 5 days)				
25	Atoms Only (can be flown all 5 days)				
29	<b>C Nostalgia</b>				
30	<b>1/4A Nostalgia</b>				
31	<b>Nostalgia Rubber</b>				
<b>Tuesday October 4th, 2011 0800 - 1600</b>					
8	<b>B Fuselage*</b>				
9	<b>A Pylon*</b>				
10	Small Stick Rubber#				
11	Commercial Rubber#				
12	OT Hand Launch Glider				
13	Red Buzzard - Mass Launch @ 0900				
6	Texaco (Tuesday and Friday)				
7	Tomboy (can be flown all 5 days)				
25	Atoms Only (can be flown all 5 days)				
32	<b>B Nostalgia</b>				
33	<b>Early 1/2A Nostalgia</b>				
<b>Wednesday, October 5th, 2011 0800 - 1600</b>					
14	<b>C Fuselage*</b>				
15	<b>B Pylon*</b>				
16	Large Cabin Rubber#				
17	4 Oz. Wakefield#				
18	OT Catapult Glider				
19	1/2A Texaco (Wednesday and Thursday)				
7	Tomboy (can be flown all 5 days)				
25	Atoms Only (can be flown all 5 days)				
34	<b>A Nostalgia</b>				
35	<b>1/2A Nostalgia</b>				
36	<b>Nostalgia Wakefield</b>				
<b>Thursday, October 6th, 2011 0800 - 1600</b>					
20	<b>30 Second Antique*</b>				
21	<b>C Pylon*</b>				
22	8 Oz. Wakefield#				
23	Twin Pusher - Mass Launch @ 0900				
24	Rubber Scale				
19	1/2A Texaco (Wednesday and Thursday)				
7	Tomboy (can be flown all 5 days)				
25	Atoms Only (can be flown all 5 days)				
<b>Friday, October 7th, 2011 0800 - 1500</b>					
26	Compressed Air Event Mass Launch @ 0900				
27	Jimmy Allen				
28	Old Ruler				
6	Texaco (Tuesday and Friday)				

\* Free Flight Power Championship Events, #Free Flight Rubber Powered Championship Events

The Nostalgia events will be flown under the Nostalgia Rules as set forth in the current NFFS Rulebook. Contestants will need to fill out this event listing form and send it, along with a completed SAM Champs entry form, and their entry fee to SAM Champs Registrar, Gene Drake, as set forth on the main entry form. Any Nostalgia Rubber flyoffs will be conducted in the same manner as in Large OT Rubber.

## SAM CHAMPS 2011 FREE FLIGHT RULES

**General Rules:** All models and flights shall be in accordance with the latest AMA and 2010 SAM rules unless otherwise stated. All pertinent AMA Safety Rules covering the model, modeler and support equipment shall be in effect. All models except scale models must bear the entrants identification tag and AMA number. Snuffer tubes are required for DT fuses or proof that the RC DT has been registered with the RC officiating table (per Section II, D, 10 of the SAM Rule book).

**Gas Power:** Will be flown with five-minute maxes unless the rules specify some other max, or the Contest Director adjusts max flight times to suit the weather conditions on the day of the contest. In 1/2 A Texaco, the longest of three flight times is the contestant's score.

**Rubber Power:** Towline Glider, Wakefield and Large Rubber models will fly to a five-minute max; Commercial Rubber and Small Rubber models will fly to a 3 minute max. All Cabin, Wakefield and Commercial Rubber models shall ROG from the ground or from a platform not higher than 30 inches. Jimmy Allen models may be hand launched and will fly to a 2-minute max.

**Gliders:** HL and Catapult Gliders- Best 3 of 9 attempts. Catapult to be 6-in. handle and 9-inch maximum rubber loop (same as AMA rules). Towline gliders can use "golf club" or auto rudder, but no circle tow. Tow line to be 200 feet with flag near tow hook/loop.

### Notes:

1. The three FF Mass Launch events will be flown at 0900 with a photo shoot prior (i.e., plan to be ready about 0850)
2. Once again, the 2011 SAM Champs will hold an event that harks back to very early model aviation. Ron Boots has agreed to sponsor the Compressed Air event in conjunction with the Dick Griswold estate. The event will be composed of a 9 AM mass launch on Friday, Oct. 7th with the winner receiving a cash award of \$100. Following the mass launch, the event will be continued as a typical 3 flight event with cash awards be given for the first three places. The awards will be \$50, \$25, and \$15 respectively. The time from the mass launch may be selected as one of the three required flights for the 3 flight event.
3. With the exception on OT Catapult and OT Hand Launch Glider, each official flight score must be submitted and recorded at the scorers tent prior to flying the next official flight. No more than three flight scores in OT Catapult and Hand Launch Glider can be submitted at one time.
4. The Tomboy and the Atom's Only events will be fun events that can be flown throughout the week. The Tomboy event will actually be two events- one for internal combustion (IC) engines and one for electric motors. See the separate rules for each event. Turn in scores at the end of each day. Scoring will be by contestant's highest single flight time during the week.
5. Free Flight Concours: Any model entered in the Concours events must make one qualifying official flight, certified by a witness during the Champs.
6. 1/2 A Texaco. Fuel allotment will be 8 cc. Best time of three flights is the contestant's score. Construction shall follow the form of the original model and ROG will be required unless modified by the CD.
7. Atom Free Flight sponsored event is for original/repro Atom 0.098 spark ignition engines and un-scaled Old Timer models.

### **These are the rules for IC Tomboy at the 2011 SAM Champs at Las Vegas.**

1. Tomboy is a classic English beginner's model which was often powered by a Mills .75cc/.045 cu in diesel engine. Plans were published in the November, 1950 Aeromodeller.
2. Plane: either the 36" or the 44" span version of the Tomboy is allowed. The 44" model is basically the same plane with 2 rib bays added at each wing tip and one rib bay added to each tip of the stab. This is detailed on the original plans.
3. Minor strengthening of the fuselage structure (2-4 diagonals in the forward bays) is allowable. Modifications for DT are allowed.
4. Power: any diesel up to 1 cc or any COX reed valve engine up to .049 cu in, including the "product motor" (the one left over from the ready to fly CL planes). Any prop may be used.
5. Fuel: 3 cc, which is the capacity of a stock Mills P75 [.75 cc / .045 cu in]. Any fuel may be used, except no gasoline may be added to the glow fuel.
6. Flights: There is no max time. Fly as many flights as you wish. Turn in the longest time each day by 4:00 pm. Longest flight in the 5 day contest wins. Hand launch is allowed. Timer: The timer must stay within 200 ft. of the launch point. (Same as AMA) He may use binoculars.
7. Plans and/or a short kit are available from at least 4 sources as follows:
  - Al Lidberg, 1030 E. Baseline, Suite 105-1074, Tempe, AZ  
85283.[aalmips@aol.com](mailto:aalmips@aol.com)
  - AMA Plans Service- [www.modelaircraft.org](http://www.modelaircraft.org)
  - Bob Holman Plans, P.O. Box 741, San Bernardo, CA 92402, call 909-885-3959
  - Jim O'Reilly, 4760 N. Battin, Bel Aire, KS 67220, [KSFreeflit@aol.com](mailto:KSFreeflit@aol.com)
8. Awards/Sponsorship: Mike Myers is sponsoring this event by awarding an Indian Mills .75cc as 1st Place. Plates for your participation plaque will be awarded through 5th place.

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### **These are the rules for Electric Tomboy at the 2011 SAM Champs at Las Vegas:**

Tomboy is a classic English beginner's model which is an easy build and flies right off the building board. Plans were published in the November 1950 Aeromodeller.

- Plane: Either the 36" or the 44" span version of the Tomboy is allowed. The 44" model is basically the same plane with 2 rib bays added at each wing tip and one rib bay added to each tip of the stab. This is detailed on the original plans.
- Configuration: To be the same as shown on the Tomboy plan. Motor to be mounted with the prop and thrust line located per Tomboy plan. Beef up of structure including mods. for DT are allowable.
- Any commercially available electric motor and non folding prop may be used.
- Batteries: A two-cell LiPo of any capacity may be used in conjunction with a timer set for a maximum 2 minute cut off.
- Flights: There is no maximum time. Fly as many flights as you wish. Turn in the longest time each day at 4:00 p.m. Longest flight in the five day contest wins. R.O.G. or hand launch is acceptable, and allowed.
- Timer: The timer must stay within 200 ft. of the launch point (same as AMA). He may use binoculars.
- Plans are available from the sources shown above.
- Awards/Sponsorship: Otay Mesa Electric Free Flight Flyers are sponsoring this event by awarding a suitable Outrunner motor, ECS and an electronic power cutoff timer for a Tomboy as First Place. Plates for your participation plaque will be awarded through 5th place.

## 2011 SAM Champs - Event Listing - Radio Control

Contestant Name	Contestant	No.	3/15/11 snr			
Monday October 3rd, 2011 0800 - 1600						
Code	SRB	Event	Model	Engine Make and Size	Wing Area Sq. Inches	Channel
*	2B	Antique Glow				
**	3B	Pure Antique				
<b>s</b>	<b>3S</b>	<b>Brown Jr. Texaco</b>				
<b>s</b>	4S	A Texaco				
<b>#</b>	3E	SOS Electric - Mass Launch @ 0900				
Tuesday, October 4th, 2011 0800 - 1600						
*	5B	A Glow LER				
**	4B	C Ignition LER				
*	1B	1/2A Texaco				
<b>s</b>	8S	Ohlsson Sideport				
<b>#</b>	1E	Electric LMR				
<b>xs</b>	--	4 Stroke LER				
Wednesday, October 5th, 2011 0800 - 1600						
*	5B	B Glow LER				
**	4B	A Ignition LER				
*	<b>7B</b>	<b>Texaco Glow</b>				
**	<b>6B</b>	<b>Texaco Ignition</b>				
<b>#</b>	5E	Speed 400 LMR - Mass Launch @0900				
Concours Display 1830 - 2130 (Fly any Day)						
		Concours RC				
Thursday, October 6th, 2011 0800 - 1600						
*	5B	C Glow LER				
**	4B	B Ignition LER				
<b>s</b>	2S	Brown Jr. LER				
<b>s</b>	1S	1/2A Scale				
<b>#</b>	<b>2E</b>	<b>Electric Texaco</b>				
Friday, October 7th, 2011 0800 - 1600						
<b>#</b>	4E	Electric Wakefield				
<b>s</b>	6S	FOXaCOY				
<b>s</b>	<b>5S</b>	<b>Classic Texaco</b>				
<b>s</b>	7S	Ohlsson 23				
<b>s</b>	9sG	OT Glider				
<b>s</b>	10S	Nostalgia Combined				
<b>xs</b>		Speed 400 Scale Duration				

Code Key	
*	Glow Championship Events
**	Ignition Championship Events
<b>#</b>	Electric Championship Special Events
<b>s</b>	Special Event
<b>xs</b>	Experimental Special Event
<b>SRB</b>	Sam Rule Book

## SAM CHAMPS 2011 RADIO CONTROL RULES And related information

**General Rules:** All models and flights shall be in accordance with the latest AMA and 2010 SAM rules unless otherwise stated. All pertinent AMA Safety Rules covering the model, modeler and support equipment shall be in effect. All models except scale models must bear the entrants identification tag and AMA number.

Texaco Glow and Texaco Ignition are two separate events for this SAM Champs. The Texaco Championship trophy will be awarded for the one highest Texaco time recorded in the two events.

### Notes:

1. **Antique Glow/Pure Antique:** An entrant may enter either Antique Glow or Pure Antique, but not both. Please circle which Antique event you intend to fly. If you do not so indicate before flying, your score will not earn championship points.
2. **Brown Jr. LER and Texaco;** Any un-scaled Antique model is allowed. This includes Antique pylon models. We will waive the minimum wing span rule and allow the same model to be flown in both Texaco and LER.
3. **Ohlsson Sideport Events:** A rules deviation for the Ohlsson Sideport Event was approved by the SAM Board of Directors. All engines (large or small port) will be allowed a 45 second engine run. Note that the sideport event allows all O&R sideport engine sizes i.e., .19 & .23 as well as the big .60's. This deviation does not affect the separate O&R .23 event. But should you fly an O&R .23 event ship in the sideport event, remember that it must have the 10 OZ./SF wing loading required by the event.
4. **RC Model of the Year,** the Stratostreak, will be flown in the appropriate Rule Book events including Ignition, glow and electric with special awards for best placement in each event.
5. **RC Concours:** Any model entered in the Concours events must make one qualifying official flight, certified by a witness during the Champs.
6. **Frequency:** Include the channel planned to be flown if flying on 72 MHz. If flying on 2.4 GHz, so note in the column for channel. For those flying on the ham bands, include frequency information and a copy of your ham license attached to the entry form.

### Speed 400 Scale Duration Rules

- A. Model shall be a replica of a reciprocating engine powered, man carrying airplane of pre-1943 vintage. Powered sailplanes are not acceptable.
- B. Although models are not judged for scale, a reasonable effort should be made to simulate realistic coloring and markings. Model to be balsa/plywood construction. Foam may be used for detail only. A plan or 3 view may be needed for confirmation.
- C. There is a 16 oz. minimum weight requirement. There is no wing loading specification.
- D. Thrust will be provided by a non-folding, non-metal propeller of any size driven directly (i.e., no reduction drives) by a Graupner Speed 400 6-volt permanent magnet ferrite motor without ball bearings. After purchase, motor timing adjustments are allowed. To prevent damage to the motor, folding propellers may be used provided they are locked in the fixed position for normal flight.
- E. The battery may be six NiCad cells or six NiMh cells, or two Lithium chemistry cells of any capacity with manufacturer's label clearly visible.
- F. The power to the motor must be radio controlled but may be on/off or ESC.
- G. Flights may be hand launched with the landing area determined by field rules.
- H. The motor may be run only during the first 180 seconds of the flight; Any running of the motor afterwards results in a zero score for that flight. This time may be changed at the discretion of the CD.
- I. The model's score is the sum of the best two of three flights (15 minute max). In the event of more than one competitor achieving two maximum flights, at the CD's discretion, the winner may be determined by a flyoff.

### Four Stroke LER Experimental Rules for 2011 Champs A Fun Fly Duration event for SAM flyers who normally don't fly at contests.

Standard LER rules apply—with following exceptions.

1. Only Four stroke engines allowed.
2. Certain non-SAM 'Old Timey' Designs allowed Such as MB DragonFly—Check with C.D.
3. The 225in2/0.1in3 rule is WAIVED for this event
4. Engine run times are as follows:
  - **-0.001 to 0.300 in3 — 50 seconds**
  - **-0.301 to 0.650 in3 — 40 seconds**
  - **-0.651 to 1.200 in3 — 30 seconds**
5. Max is 7 minutes Score is sum of best 2 of 4 flights
6. No fly offs – Tie scores decided by coin toss

This event is sponsored by RC CD Steve Roselle who will provide trophies through 3rd place.