

# 48<sup>th</sup> ANNUAL!!! GREAT GRAPE GATHERING 2018 FREE FLIGHT CONTEST EVENT SCHEDULE – SEPTEMBER 7 - 9, 2018

## NATIONAL WARPLANE MUSEUM AIRFIELD, GENESEO, NY.

(Numbers in parentheses refer to notes on pages 2 & 3.)

### ENTRY FEES.

\$10.00 - 1<sup>st</sup> Event, \$5.00 subsequent events \$25.00 maximum  
Juniors – no fee.

### FRI., SEPT. 7<sup>TH</sup>, 9:00 AM TO 5:00 PM

½A Nostalgia Gas Sponsor –  
C Nostalgia Gas Sponsor –  
0.020 Replica/¼A Nostalgia Gas (7) Sponsor –  
AMA A/B Classic Gas Sponsor –  
Diesel Duration (Fri, Sat & Sun)(4) Sponsor –  
Vic Smeed Memorial Event (Fri & Sat) (9) Sponsor – Pat & Richard Barlow  
P30 (6) Sponsor –  
HL/CL Glider combined (Fri & Sat) (1) Sponsor –  
Senator Sponsor –  
36” Bungee Glider (Fri & Sat) (13) Sponsor –

### FLYING ACES CLUB EVENTS

FAC No-Cal Scale Sponsor –  
FAC Dime Scale Sponsor –  
FAC WWII Mass Launch Sponsor –

**Informal ‘Fish Fry’ at the Conesus Lake Hotel (Rodeway Inn)  
Friday evening. (Note: A varied menu is available, not just fish.)**

### SAT., SEPT. 8<sup>TH</sup>, 9:00 AM TO 5:00 PM

B Nostalgia Gas Sponsor –  
C/D Classic Gas Sponsor –  
1/2A Old Favourites (11) Sponsor –  
Diesel Duration (Fri, Sat & Sun)(4) Sponsor –  
Vic Smeed Memorial Event (Fri & Sat) (9) Sponsor – Pat & Richard Barlow  
E36 Electric (12) Sponsor –  
Cloud Tramp (2) Sponsor – Pat & Richard Barlow  
Nostalgia Rubber Sponsor –  
SAM Small Rubber Stick <150 sq.in. Sponsor –  
SAM Large Rubber Stick >150 sq.in. Sponsor –  
HL/CL Glider combined (Fri & Sat) (1) Sponsor –  
Junior HL Glider (Sat & Sun) (1) Sponsor –  
36” Bungee Glider (Fri & Sat) (13) Sponsor –

### FLYING ACES CLUB EVENTS

FAC Golden Age Scale Sponsor –  
FAC Embryo Endurance Sponsor –  
FAC 2 Bit Plus one, OT Rubber Sponsor –  
FAC Combined Race Planes (Mass Launch) Sponsor –

### SPECIAL EVENTS

#### SAT., SEPT. 8<sup>TH</sup>, 9:00 am to 5:00 pm

Ladies Cloud Tramp Mass Launch Sponsor – Pat & Richard Barlow  
1/2A Texaco (rules on p3) Sponsor –  
(Note: Diesels will be allowed – an exception to SAM rules.)

Open Rubber event for the **Dave Andrew Memorial Trophy** – one unlimited mass launch flight at or near 12 noon, weather permitting

**HEATHER’S BARBECUE** On-Site Informal Dinner, Saturday evening – in the HAG facilities (BYOB)

### SUN., SEPT. 9<sup>TH</sup>, 9:00 AM TO 4:00 PM

A Nostalgia Gas Sponsor –  
ABC Ignition (10) Sponsor –  
½A Classic Gas Sponsor –  
Diesel Duration fly-off (4) Sponsor –  
Unlimited Towline Glider (3) Sponsor –  
E20 Electric (14) Sponsor –  
Junior HL Glider (Sat & Sun) (1) Sponsor –  
SAM Small Rubber Fuselage <150 sq. in. Sponsor –  
SAM Large Rubber Fuselage >150 sq.in. Sponsor –  
SAM Commercial Rubber Sponsor –  
Mulvihill/Unlimited Rubber (5) Sponsor –

### FLYING ACES CLUB EVENTS

FAC Simplified Scale Sponsor –  
FAC Half Wakefield Sponsor –  
FAC WWI Mass Launch Sponsor –

### GIANT RAFFLE (DONATIONS WELCOMED)

There will be a raffle for a huge selection of indispensable model paraphernalia. Lots of invaluable prizes – lots of opportunity to win.

#### BOB GORDON MEMORIAL TROPHY Sponsor –

The Bob Gordon Trophy will be awarded to the flier with the highest aggregate time in all free flight power events flown.

#### DAVE ANDREW MEMORIAL TROPHY

The Dave Andrew Trophy will be awarded to the winner of a mass-launch event for any rubber model with fixed surfaces.

#### JIM ANDERSON MEMORIAL TROPHY

The Jim Anderson Trophy will be awarded to the flier with the highest aggregate time in all rubber events (except Cloud Tramp and FAC events)

#### JACK MCGILLIVRAY ACHIEVEMENT AWARD (15)

The Jack McGillivray Trophy will be awarded to the flier with the highest points total in all FAC events flown.

#### DON REID MEMORIAL TROPHY

The Don Reid Memorial Trophy will be awarded to the highest placing Gollywock flier. (Contestants flying the Gollywock in any event should notify the organizers.)

#### JOHN MAGEE MEMORIAL TROPHY

The John Magee Memorial Trophy will be awarded to the winner of the FAC WWII Mass Launch event.

#### THE MAAC CAN-AM FREE FLIGHT TROPHY

#### NWM FF SERIES GRAND CHAMPION (16)

The Model Aeronautics Association of Canada trophy will be presented. Points will be awarded on the basis of placings in all events flown by a contestant in both the ESFFC and the GGG.

# FREE FLIGHT RULES, GGG 2018

## **VALID MAAC OR AMA MEMBERSHIP CARD REQUIRED (INCLUDING ANYONE FLYING FOR FUN ONLY – FIELD USAGE FEE OF \$5/DAY WILL APPLY)**

Builder of the Model rule applies only to FAC events.

Contestants receive a plaque for the first event won or placed in, and ‘stickers’ to denote that event and any further events also won or placed in.

SAM, AMA, FAC and NFFS rules apply where applicable, subject to CD discretion and the following notes.

- 1) HL/CL Glider: AMA Rules. Fly Friday and/or Saturday and score the best 3 of 6 flights. Juniors may fly CLG in the combined event and HLG in a separate event.
- 2) Cloud Tramp: Five flights – highest and lowest times discarded.
- 3) Unlimited Towline: Any size/weight model, straight tow only, no bunt and no moving surfaces except autorudder.  
  
Bungee (Hi Start) launch permitted; The launch system shall be no more than 25g of commercially available rubber strip attached to between 100’ and 150’ of inextensible line. There shall be a ring of no more than 1” diameter attached to the end of the line, for connection to a hook on the model and there shall be a flag or streamer of no less than 38.75 sq in attached to the line no more than 12” from the ring. Three qualifying flights of 2 minutes followed by flyoffs in 30 second increments.
- 4) Diesel Duration: Engine run 12 sec. Three qualifying flights Friday and/or Saturday for a qualifying total of 250 sec. Qualifiers make an unlimited flyoff flight between 08:00 and 10:00 Sunday.
- 5) Mulvihill: Any rubber powered model of 300 sq.in. wing area or less. Make 3 qualifying flights of 2, 3 and 4 minutes, successively, then increasing by minute increments. If a max is not achieved on a qualifying flight, subsequent qualifying flights may still be attempted.
- 6) P30: Models shall have fixed surfaces and propeller must be direct drive (no gearboxes). Winning models and motors may be weighed, at the CD's discretion.
- 7) 0.020 Replica/¼A Nostalgia: Engine runs: 0.020 Replica - 12 sec. for 3 qualifiers then 10 sec for first two flyoffs, then 9 seconds: ¼A Nostalgia - 9 sec. for 3 qualifiers, then 6 seconds for first two flyoffs, then 5 seconds. 2 minute maximums.
- 8) All FAC Events will be flown to current FAC Rules.
- 9) The rules for the Vic Smeed Memorial event are:-  
a) Model must be a cabin type power model designed by Vic Smeed (biplanes allowed, cabin can be interpreted as an open cockpit, r two).  
b) Entrant may use two different models to make the necessary flights – as long as both comply with the rules.  
c) Model(s) may be scaled to suit any size engine.  
d) Glow or diesel may be used.  
e) Engine run 12 seconds (cut off timer allowed).  
f) 3 qualifying flights – 90 second maximum. Flyoff one unlimited flight.  
g) Flights may be made on Friday and/or Saturday.
- 10) The rules for the ABC Ignition event are:-  
a) Any type of model (cabin or pylon) – must be SAM legal or NFFS Nostalgia ignition.  
b) Engines must conform to SAM rules for ignition engines.  
c) Hand launch permitted.  
d) 16 second engine run, 2 minute max.

- 11) The rules for the 1/2A Old Favourites event are:-  
a) Any power model using a nostalgia legal 1/2A engine or the Cox TD 049/051. The model must have all fixed surfaces (except for DT), and no composite material structures except in the motor mount.  
b) Engine run/max times shall be 3 qualifying flights at 9 secs/2 mins. A maximum of 3 additional attempts will be allowed for the qualifying flights – any engine overrun is an attempt and a flight of less than 40 seconds may be declared an attempt by the contestant - prior to making any further flights. The first two flyoff flights shall be 6 sec/2 mins, all remaining flyoff flights 5 sec/2 min. No attempts allowed in flyoffs, an engine overrun is automatically a zero score - all

other scores count. Diesels shall have 2 second longer engine runs (ie. 11 sec/8 sec/7 sec) with the same maximum times.

- 12) The rules for E36 electric are:-  
a) 36 in. maximum projected wingspan.  
b) 120 gm. minimum weight, ready-to-fly, required.  
c) No autosurfaces except DT.  
d) Any type electric motor allowed.  
e) Nicad or LiPo batteries allowed, 2-cell LiPo limit or 6-cell nicad limit.  
f) Gearing and folding props allowed.  
g) Two minute maxes required for all flights.  
h) First three official flights to be made with a 10 sec. motor run each. If all maxes, a fourth flight to be made with 10 sec. motor run, and if maxed, then all later flights to be made with 5 sec. motor runs until a max is dropped.  
i) Six attempts are allowed for the first three official flights, immediate declaration is required and the maximum flight time for attempts is 20 sec, overruns being automatic attempts for the first three official flights and overruns after the third official flight to be automatically awarded a "0" score.
- 13) 36” Bungee launched glider shall be flown as follows:-  
A glider of no more than 36" wingspan, to be launched from a bungee line consisting of 75 feet of line and no more than 25 ft of 1/8" rubber (single strand), attached to a pole or stake fixed to the ground. There shall be a ring of no more than 1” diameter attached to the end of the line for connection to a hook on the model and there shall be a flag or streamer of at least 38.75 sq in attached to the line no more than 12” from the ring. There will be three qualifying flights with maximums of 60 seconds. A maximum of 3 additional attempts will be allowed for the qualifying flights – a flight of 20 seconds or less may be declared an attempt by the contestant - prior to making any further flights. Flyoffs will have maximums in increments of 30 seconds, no attempts will be allowed.
- 14) E20 Electric rules are:-  
a) Projected wingspan not to exceed 20”  
b) No auto surfaces except DT.  
c) Minimum weight 1 oz.  
d) 8.5 mm coreless electric motor (eg Parkzone PKZ-3616)  
e) No geared motor.  
f) Propeller not to exceed 2.7” diameter.  
g) Battery not to exceed 160 Mah, 3.7 v, single cell LiPo  
h) Unlimited attempts are allowed for the first three qualifying flights. Qualifying flights shall have no more than 20 second motor run and a 90 second flight maximum. Attempts are flights of less than 20 seconds and/or a motor overrun or motor restart.  
j) Three qualifying maximums permit entry to flyoffs.  
j) Flyoffs are 10 second motor run and 2 minute max
- 15) Points for the Jack McGillivray Trophy will be awarded on the following basis:-  
a) Points will be awarded to fliers participating in FAC events at the GGG flown per the rule book or with official authorization for deviations from the FAC rules.  
b) Points will be awarded according to the table in section 16.  
c) For events which allow participants to have multiple entries, each flier will be counted only once. That is, a flier does not receive a point for beating him or herself. Neither does a flier receive more than one point for beating another competitor who is flying more than one model in the event.  
d) The trophy will be awarded to the flier with the highest point total.  
e) In the event of a tie the flier who has flown the greater number of events shall be declared the winner.
- 16) Points for the Grand Champion Award – The MAAC CAN-AM Free Flight Trophy – will be earned on the basis of the table below for all non-FAC events at the ESFFC and the GGG.

To qualify for the award the flier must have recorded a time (but not necessarily a score) in at least one event in each of the two contests and must have recorded a time in each of at least two of the three categories – glider, rubber, and power. For the purposes of this scoring, Electric and 1/2A Texaco shall be counted as power events.

The Grand Champion award will be made to the flier with the highest number of points. In the event of a tie, the flier who has flown the greater number of events shall be declared the winner.

No. of Fliers	5+	4	3	2	1
Placing					
1	5	4	3	2	1
2	4	3	2	1	--
3	3	2	1	--	--
4	2	1	--	--	--
5	1	--	--	--	--

## **R/C Rules, etc., for Great Grape Gathering**

All the requirements applying to the free flight events for the Great Grape Gathering (insurance, membership, field rules, etc.) shall also apply to the R/C activities occurring concurrently.

### **1/2A Texaco**

1/2A Texaco is open to any Antique (pre-1939) or Old Timer (pre-1943) gas model design powered by any 1/2A engine (up to and including 0.050 cid). Fuel tank capacity including fuel tubing may not exceed 6.1 times the engine displacement (the equivalent of 1cc per 0.01 cu. in. of engine displacement). If the engine is equipped with a throttle, the throttle must be fixed in one position for the entire flight. (For safety purposes, the engine may be equipped with a fuel shutoff controlled by R/C, but this is not mandatory). Diesels and glow engines may use any fuel that has not been banned by the AMA or MAAC for safety reasons. Propeller must be 2-bladed and not exceed 8" in diameter.

- Minimum wing loading is 8 ounces per square foot.
- Model must be capable of ROG but hand launches may be permitted by the CD.
- Three (3) attempts may be made for (2) official flights. If the first two attempts result in official flights, no further attempts may be made. Contestants score is the total of two (2) official flights.
- Any flight less than 4 minutes is an aborted flight unless declared an official flight by the contestant. A contestant may voluntarily declare an aborted flight to the timer at any time within 4 minutes.
- Maximum flight time is 15 minutes.
- The timing for an official flight starts at the moment the model is released for immediate takeoff and ends when it next touches the ground, or any other object. In the case of a mid-air collision the flier may, at his discretion, declare the flight to be void and fly again.
- All landings must be made within a designated landing area. Flights landing outside this area will be given an official score of zero time, unless the attempt has otherwise qualified as an aborted flight before landing outside the designated landing area.

Qualified scale models may also be flown as well as electric (speed 400) models either scale or non-scale.