

SUNSHINE DERBY PROFICIENCY AIR RALLY

Welcome to the Fourth Annual Sunshine Derby!

The Paradise Coast Chapter 99s welcome you to come on out and enjoy the fourth annual Sunshine Derby award luncheon on Saturday, April 28, 2012 at the Gallagher's Restaurant, Fowler & Colonial Blvd, Fort Myers, Florida. This is our premier fund raising event for the year for our 99s Chapter, and we appreciate your participation to help make this event a success. Below we have listed a few key items as reminders:

- **The Sunshine Derby is a completely different format this year: it features a TREASURE HUNT and a POKER RUN, testing your ability to read a sectional chart and observe your surroundings.**
- We encourage all participants to complete their applications early to ensure plenty of time to fly the Poker Run and the Treasure Hunt. **The route may be flown any time from April 7th – April 28th.**
- Be sure to keep checking the Paradise Coast Chapter 99s web site at www.paradisecoast99s.org for event information and updates.
- The insurance forms, included in the registration packet, are time consuming to process, but are a necessity in today's world. Please be sure to complete these forms in a timely manner and send back to Paradise Coast Chapter 99s, 21530 Pearl Street, Alva, FL 33920. Remember, a copy of the insurance policy is NOT acceptable as proof of insurance.
- Please be sure to bring a camera and current paper or electronic Miami and Jacksonville Sectional charts.
- We are looking forward to a friendly, fun, competition as the winner will take home bragging rights in addition to the plaque!
- Questions? Contact us by e-mail at paradisecoast99s@hotmail.com or call 239-633-0077.

Thank you for your participation. We look forward to seeing you all at Page Field!

Sunshine Derby Committee
PARADISE COAST CHAPTER 99S
21530 Pearl Street
Alva, FL 33920
239-633-0077
paradisecoast99s@hotmail.com

SUNSHINE DERBY 2011

APPLICATION FOR ENTRY

February 26, 2011

Entry Deadline: February 15, 2011

_____ = Proficiency (ground) speed handicap. Pilots must indicate the GROUND SPEED
(Statute mph) they want used for their handicap for the entry to be accepted. This is the GROUND SPEED that must be averaged over the entire official race course distance. The course is measured from center of the airport to the center of the airport. Ground speed must absorb and take into consideration flights down runways, turns on course, airport patterns, headwinds, tailwinds, etc. **ANY CHANGES TO THE GROUND SPEED AFTER THE ENTRY IS SUBMITTED MUST BE APPROVED BY THE OFFICIAL JUDGE, TERRY CARBONELL (239) 633-0077.**

Pilot: _____ Co-Pilot: _____

Address: _____ Address: _____

City: _____ City: _____

State: _____ Zip: _____ State: _____ Zip: _____

Phone: _____ Phone: _____

Fax: _____ Fax: _____

E-Mail: _____ E-Mail: _____

Aircraft Make, model & year: _____

Aircraft N Number: _____ Color: _____

Home base: _____

Pilots please provide the following information:

Total logged hours: _____ Are you a 99? Circle: YES NO

Please list other aviation organizations to which you belong:

Mail check for \$50.00 before February 15, 2011 to:

PARADISE COAST CHAPTER 99S
PO Box 7042
Fort Myers, FL 33919

2011 SUNSHINE DERBY

Official Information, Rules & Regulations

GENERAL INFORMATION:

1. The Sunshine Derby is a day VFR cross-country proficiency event of approximately 200-250 statute miles open to all conventional single engine and twin engine aircraft, conducted on a handicap system. Experimental aircraft are eligible to compete; however, home-build aircraft are not eligible to compete. The race course will be a secret course to be disclosed via internet on the evening prior to the race.
2. All pilots are invited to participate, male and female; and a 2 person crew is required, but pilots may elect to take additional passengers.
3. Pilots are to choose their own ground speed handicap in statute miles per hour, and estimated fuel to be used to the 1/10 of a gallon. The speed handicap **MUST** be included with the entry application for that entry to be accepted. Fuel estimates will be turned in at the pre-race briefing on Saturday morning of the race.
4. The race is organized and conducted by the Paradise Coast Chapter 99s. All contestants **MUST** abide by all the rules and regulations set forth by the Paradise Coast Chapter 99s. Any violations of the rules or procedures will result in penalties or disqualification from the race as outlined in the rules. Emphasis is placed on safety and fairness to all concerned.
5. The Chief Judge, Chief Timer and Fuel Judge are ineligible to participate as contestants.

PILOT QUALIFICATIONS:

6. Entry is open to all licensed pilots, holding a private certificate or higher. A co-pilot (or observer) who need not be licensed is also mandatory. Additional passengers may be carried at the discretion of the pilot.

AIRCRAFT QUALIFICATIONS:

7. The Sunshine Derby is limited to commercially certified stock fixed wing aircraft, single or twin engine.
8. Aircraft **MUST** have a range of at least 250 statute miles without refueling. It is highly recommended that all aircraft bring their tow bar with them to facilitate movement of aircraft.
9. Aircraft must have a current annual or be within the 100 hour inspection, if applicable, and have the proper entries in their log books.

10. Aircraft must have communications capability in the frequency range of 118.0 – 129.5 MHz. Hand-held radio capabilities are acceptable.

RACE OPERATIONS:

11. VISUAL FLIGHT RULES prevail. Instrument flight is prohibited and will result in disqualification from the race. Proper sectional charts are required and are the responsibility of the PIC.

12. Starting, taxiing and take-off sequence will be at the discretion of the official starter and will *normally* start with the highest specified race handicap ground speed taking off first. The starter reserves the right to alter the starting sequence in the interests of safety and fairness. Any aircraft unable to take off at the assigned time; or late entries will be started after all other contestants have departed in their assigned order.

13. All aircraft must leave the starting line with full fuel tanks except for the fuel used for taxiing and run-up. It is the responsibility of the pilot to ensure that the fuel tanks are topped off upon arrival at the airport. There will be no additional topping off once the aircraft is escorted to the impound area.

14. All pre-flight inspections must be made before taxiing to the starting line.

15. Planes will take off in 1-2 minute intervals, at the discretion of the starter and must fly the full length of the runway before turning on course.

16. Any time taken for an unscheduled stop will be included in the official time of the participating team.

17. Each team will be provided with an official score sheet to record the identification of the picture of the airport marker at each checkpoint along the route. After completing the race, teams will remain with the aircraft until the race official has collected the official score sheet.

18. All contestants will cross the finish line as described in the pre-race briefing and taxi to the pre-determined fueling spot before cutting off the engine. Engines must be cut immediately upon arrival at the designated fueling spot or upon signal from the ramp official. Turbo-charged aircraft or other aircraft requiring idle time prior to shut-down must be identified to the race officials prior to the start of the race. The pilot must remain with the aircraft until refueling is complete. PLEASE NOTE THAT THE FUELING STATION AT LABELLE AIRPORT TAKES CREDIT/DEBIT CARDS ONLY.

19. All aircraft parked at the LaBelle airport are parked at the sole and exclusive risk of the owner/operator of the aircraft. The ramp space is limited so it is strongly suggested that each aircraft provide tie-downs for grass parking, if necessary. It is the sole and absolute responsibility of the pilot to tie down and secure the aircraft.

20. Airport and Fly-by procedures: At each airport checkpoint, the contestant must fly the full length of the runway to be identified by the spotters. It is suggested to illuminate your landing light and to call 3 miles out to alert the spotters of your presence. Be sure to be vigilant for traffic – both aircraft participating in the Derby and for non-participating aircraft. Dual fly-bys are permitted with passing to be done on the right. At the finish line, landing aircraft should give priority right of way to aircraft making their fly-by for the finish line.

APPLICATION FOR ENTRY AND FEES:

21. The application for entry must be completed and submitted with the entry fee to be considered for competition in the race. The handicap ground speed in miles per hour **MUST** be included on the application for the application to be accepted. In the event a pilot must fly a plane other than the one submitted on the application, it must be immediately reported to the Official Judge who reserves the right to accept or refuse the change.

22. Each contestant must carry a minimum of bodily injury and property damage insurance on the aircraft to be flown in the race as stated on the certificate of insurance. Each contestant is required to file a certificate of insurance (form attached) upon registration in the race. A certificate issued on the insurance company's own form will be accepted provided it describes the event, date and insured's participation in the event and limits of liability. **DO NOT SUBMIT THE INSURANCE POLICY AS IT CANNOT BE ACCEPTED AS PROOF OF INSURANCE.** Please be sure that your policy does not exclude coverage during competitive events. As this is a proficiency event, designed to enhance a pilots' skills, the insurance company should not reasonably object.

23. By entering the race and submitting the entry application, all participants agree to abide by the rules and regulations of the Sunshine Derby; agree to abide by all FAR's and acknowledge and agree that the decision of the Chief Judge is final.

24. The entry fee for the event is \$50.00, which includes 2 tickets to the post race barbecue. Additional barbecue tickets may be purchased at an additional cost of \$8.00 each.

IMPOUNDING AND INSPECTION OF AIRCRAFT:

25. Upon arrival, each aircraft will be topped off with fuel. It is the responsibility of the contestant to complete the refueling as race personnel will not be responsible for refueling any aircraft. Upon completion of re-fueling, the Fuel Judge will verify that the aircraft has been topped off and direct the contestant into their respective position.

PRE-RACE BRIEFING:

26. A pre-race briefing will be held at 10:00 a.m. (or as soon thereafter as all racers are present) on the morning of the race. It is **mandatory** that all pilots attend the briefing. The briefing is optional for co-pilots and passengers, but it is strongly recommended that all contestants attend.

27. Any announcements made at the briefing will be binding on all contestants.

SCORING:

28. The object of the Sunshine Derby is to demonstrate the ability of the contestant to fly a cross country course in such a manner as to most closely equal the contestant's speed handicap and fuel estimate. Scores will be determined by matching the actual speed against the handicap speed and fuel used against the fuel estimate, with the speed and fuel each counting for ½ of the score.

29. Scores will be compiled by the official scorer taking into consideration the fuel, speed and penalties assessed against each contestant, if any, and the final results will determine the contestants standing.

30. The official judge will solely make the determination of any penalties to be assessed against any contestant, and, time permitting; will afford the penalized contestant an opportunity to contest the penalty before the final scores are published. Once published, all scores are final and no further protests shall be permitted.

31. Fuel will be in gallons and tenths; speed will be in miles per hour and distance will be measured in statute miles for purposes of calculating scores of each contestant.

PROTESTS AND PENALTIES:

32. Only the pilot will have the right to protest any violation of the Sunshine Derby rules.

33. Protests must be filed with the Official Judge within thirty (30) minutes of the arrival of the contestant's aircraft; or within thirty (30) minutes of the fueling of any other aircraft against whom the protest shall be directed.

34. All decisions of the Official Judge shall be final.

35. Penalties shall be as follows:

* Taking off prior to signal	0.2%
* Not flying the full length of the runway Either at take-off or on a fly-by	0.2%
* Cutting off or endangering another aircraft in the pattern	1.0%

- * Orbiting within 5 miles of the finish line 0.7%
- * S-turns while on final approaching finish line 0.4%
- * Failure to identify a picture or route marker 0.5%

Disqualification shall be for the following:

- * Failure to provide or complete all required documents
- * Flying an un-safe aircraft or failure to follow FAR's
- * Failure to be visually identified at the finish line
- * Flying the fly-by going the wrong direction at the finish line

PRIZES AND AWARDS:

36. Awards will be presented to the first 5 place winners (pilot and co-pilot) plus miscellaneous awards as may be determined at the sole discretion of the Sunshine Derby Committee.

SCORING EXAMPLE:

Time/Speed: All speed is in miles per hour.

Handicap speed (estimated ground speed submitted with entry) = _____ m.p.h.
 Par time (distance/handicap speed) = _____ hours x 3600 = _____ seconds
 Actual elapsed time in seconds/3600 = actual elapsed time in hours = _____ hrs
 Actual speed (distance/actual hours) = _____ m.p.h.
 Speed score (actual speed/handicap speed) x 100 = _____%

Fuel: All fuel is measured to the nearest 1/10 of a gallon.

Fuel score = (actual fuel/estimated fuel) x 100 = _____%

Note: If % is over 100, subtract from 200.

Total Score:

Total score = $\frac{\text{fuel \%} + \text{speed \%}}{2}$ = _____%

Penalties will be subtracted from the total score.

SUNSHINE DERBY PROFICIENCY AIR RACE

Schedule of Events

Saturday, February 26, 2011

8:00 a.m. – 10:00 a.m.	Re-fueling and impoundment of aircraft (east ramp fueling station)
10:00 a.m.	Swamp Cabbage Parade begins (non-racers ONLY)
10:00 a.m.	Pre-race briefing
10:30 a.m.	Let the race begin!
1:00 p.m.	Cook-out is open (west ramp) Vernon Conly Air Service hanger
3:00 p.m.	Scores posted/score review *
3:30 p.m.	Awards ceremony *

Departure for home base at your leisure.

* Times may vary based on race participants time running the course.

SUNSHINE DERBY PROFICIENCY AIR RACE

Welcome to the Third Annual Sunshine Derby!

The Paradise Coast Chapter 99s welcome you to come on out and enjoy the third annual Sunshine Derby Proficiency Air Race on Saturday, February 26, 2011 at the LaBelle Airport (X14), LaBelle, Florida. This is our premier fund raising event for the year for our 99s Chapter and we appreciate your participation to help make this event a success. Below we have listed a few key items as reminders:

- We encourage all participants to complete their applications early to ensure their spot in the line-up as we are expecting a large number of airplanes.
- Be sure to keep checking the Paradise Coast Chapter 99s web site at www.paradisecoast99s.org for event information and up-dates.
- The insurance forms, included in the registration packet, are time consuming to process, but are a necessity in today's world. Please be sure to complete these forms in a timely manner and send back to Paradise Coast Chapter 99s, P.O Box 7042, Fort Myers, FL 33919. Remember, a copy of the insurance policy is NOT acceptable as proof of insurance.
- Included with your entry fee are two (2) tickets to the post-race cook-out at the Vernon Conly Air Service hanger at the LaBelle Airport, west ramp. Should you desire additional tickets for extra crew members, family, friends, well-wishers and supporters, we encourage you to purchase them before February 15th so we can have a fairly accurate count for the meals we must prepare. This year, we have the return of DB Catering for that "Oh, sooo good" BBQ chicken and a special treat – Seth Howard from Everglades Seasoning Company will cook up some of his own famous recipe Swamp Cabbage!
- Please be sure to bring a current Miami Sectional with you along with a stop watch.
- Please be sure to bring your best "good attitude" with you and keep it available for use at all times. We are looking forward to a friendly, but fierce, competition as the winner will take home bragging rights in addition to the trophy!
- Questions? Contact us by e-mail at paradisecoast99s@hotmail.com or call 239-633-0077.

Thank you for your participation. We look forward to meeting you all in LaBelle!

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