

Welcome to NARCON 2003

DART (Diego Area Rocket Team) #317 is proud to be the first west coast Section to sponsor NARCON in many years. We want to extend a warm welcome to all attendees and their families visiting America's Finest City . . . San Diego, California. Our hope is that NARCON 2003 will be a wonderful experience for all. The workshop leaders have presented us with a wide array of topics which should prove to be educational and most enjoyable. Our committee members are extremely dedicated and have expended many hours to ensure that everyone has a great time. Let's enjoy the convention and have some fun!

Mike Jerauld
NAR 78750
Co-Director, NARCON 2003

Joanna Woerner
NAR 76602
Co-Director, NARCON 2003

NARCON 2003 PROCEEDINGS

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CREDITS & ACKNOWLEDGEMENTS

NARCON Committee Members:

Mike Jerauld	NARCON Co-Director, Proceedings and DART Vice President
Joanna Woerner	NARCON Co-Director, Registration, Official Den Mother and DART Secretary/Treasurer
Stephen Mickelsen	Raffle and Donations Coordinator
Mike Veno	Logistics Coordinator
Andy Woerner	DART Section Advisor and Support Leader
Val Derkach	DART President
Philip Odegard	Webmaster and local high school Boy Wonder
Stacy Marshall	Graphics Designer Extraordinaire & life saver
David Marshall	Launch Support and other life saver

NARCON Vendors and Sponsors:

Aeropack	Apogee	Art Applewhite Rockets
Black Sky	BMS	Discount Rocketry
Holatron	Now Hybrids	Rocket Hunter
Rocket Rage	Saturn Press	Shrox Industria
Skunk Works Rocketry	What' s Up Hobbies	LOC/Precision
Public Missiles Ltd.	Top Flight Recovery Systems	

Workshop Presenters:

Mark Bundick	Pete Alway	Kevin Harness
Mike Jerauld	Wayne Mrazek	Steve Lubliner
Tom Baiga	Rick Boyette	Marc McReynolds
Philip Odegard	Scott Bartel	Tim Van Milligan
Andy Woerner	Martin Bowitz	Joe Mullin
Shrox		

SCHEDULE of EVENTS

Friday, March 14th:

Registration	<i>2:00 p.m. - 7:00 p.m.</i>
Vendor Room	<i>2:00 p.m. - 7:00 p.m.</i>
Welcoming	<i>7:00 p.m.</i>
Breakout Sessions	<i>8:00 p.m.</i>

Saturday, March 15th:

Continental Breakfast <i>(for attendees staying at the Doubletree)</i>	<i>7:00 a.m. - 8:00 a.m.</i>
DART Launch and Lunch	<i>9:00 a.m. - 12:00 p.m.</i>
Workshops	<i>1:00 p.m. - 5:00 p.m.</i>
Banquet/Town Hall Meeting	<i>6:00 p.m. - ?</i>

Sunday, March 16th:

Workshops	<i>9:00 a.m. - 12:00 p.m.</i>
Official Closing	<i>Noon</i>

Le Mans Start A Streamer Duration Fun-Fly Contest

Sponsored by Quest Aerospace

All entrants in the Fun-Fly are asked to meet in Room 201 on Friday, March 14th at 9:30 PM for a flight brief and build session.

CONSTRUCTION RULES:

Come to Room 201, sign in and build your rocket (you may choose to add your streamer at this point or bring it to the launch and attach it there)

Write your name and NAR number (if applicable) on the side of the rocket

Turn the rocket into "Impound" and be assigned a number designating the flight order for Saturday.

All rockets must be constructed per the manufacturer's instructions, all parts except the streamer or streamer tab must be used, no modifications or deviations will be allowed.

The only external modification allowed is for flashing to be removed from the small area of the fins where the engine hook retaining ring is attached.

Entrants are allowed to select their own streamer within NAR Streamer Duration rules.

FLIGHT RULES:

Engine ejection will result in disqualification for that flight

Each rocket is scheduled for 2 flights on provided motors

Only 1 return is required

CONTEST PROCEDURES:

AT THE LAUNCH –

Come to the designated Contest area when your name/number is called

Check in with the RSO and receive your rocket and flight card

Prep the rocket for flight and fill out flight card

Proceed to the LCO table, turn in your flight card and receive your motor

Install the motor and load the rocket on the assigned launch pad

Tightly clutch any good luck item you have as the LCO announces the flight and pushes the button

Retrieve the rocket and return it to the RSO table and wait until your number is called again

Return to the RSO and repeat the process

First, Second, and Third Place Trophies will be presented at the Saturday Evening Banquet.

NARCON 2003 OVERVIEW

DART, Section 317 of the National Association of Rocketry is pleased to have selected the Doubletree Club Hotel as the headquarters for NARCON 2003. The Official kickoff for NARCON will be Friday at 2:00 P.M. when Registration and the Vendor Room will open. At 7:00 P.M. everyone is invited to meet in the Solana Room for an Official Welcoming. Immediately following will be three fun-filled breakout sessions from 8:00 to 9:00. At 9:30, Fun Fly contestants should come to Room 201 and build their Antari! The Vendor Room will close for the evening at 10:00 P.M.

Saturday morning festivities will start at 7:00 A.M. with a Continental Breakfast for attendees staying at the Doubletree Club Hotel. At 8:30 A.M. a chartered bus will arrive at the hotel to transport attendees to DART's regularly scheduled launch at Fiesta Island. The Le Mans A Streamer Duration Fun-Fly Contest will take place around 9:30 A.M. Vendors have been invited to demonstrate some of the latest and most advanced items available. There will be a local rocket vendor at the launch to satisfy any last minute urges you may have. Lunch will be provided and the bus should arrive back at the hotel by 12:30 P.M.

The Saturday afternoon Workshops will take place in the Meeting Rooms located in the lower lobby from 1:00 P.M. until 5:00 P.M. The Banquet will be held in the Solana Room at 6:00 P.M. We are honored to have the NAR President Mark Bundick give the key-note address: Growing Up Wallops. We will also have an awards ceremony for the three top finishers of the Fun-Fly Contest and door prizes will be drawn. Following the banquet the NAR President Mark Bundick will host a NAR Town Meeting. The Vendor Room will have to close by 11:00 P.M.

Sunday morning Workshops will start at 9:00 A.M. and run until 12:00 P.M. At noon there will be an Official Closing in the Cabrillo Room. The Vendor Room will remain open until 2:00 P.M.

This Proceedings booklet contains an outline of NARCON events, a schedule and matrix of all workshops, an attendee roster and information on each workshop. Workshop leaders have provided the materials listed accordingly and may hand out additional materials during the workshops. A Vendor Ads Section has been added to the back of the booklet.

All registered NARCON attendees will receive a door prize ticket. Ticket numbers will be drawn throughout the weekend and a listing of unclaimed prizes will be posted at the Registration table. Winners from Friday and Saturday need to claim their prizes prior to the Official Closing. Any unclaimed prize numbers will go back into the ticket pool and all remaining prizes will be drawn during the Closing. Remember you must have your ticket in order to claim any prizes. Good luck to all who purchase door prize tickets.

Workshop Matrix

Friday	Coronado	Cabrillo	Balboa	Solana	Room 201
7:00				Welcome	
8:00	Backslider: The Super Roc Rocket Glider	Rocket Photography Potpourri	Entry Level Competition		
9:30					Contest Briefing/ Building Session
Saturday					
7:00					Continental Breakfast*
8:00					
9:00	Fiesta Island Launch				
10:00					
11:00					
12:00					
1:00					
2:00	Cloning the Classics	Rocketry Electronics 2	Big Rockets for Beginners		
3:00	Upscaling the Classics	The Art of Electronic Recovery			
4:00	RockSim6.0	Introduction to Hybrids			
6:00				Banquet	
Sunday					
9:00	Rocketry for Teachers	Staging and Clustering	TARC Team briefing		
10:00	Minimum Diameter/ Maximum Altitude	Vacuum Forming Basics			
11:00	L3 Start to Finish	Quasi Glass Finishing			
12:00		Closing Meeting			

* For NARCON attendees staying at the Doubletree Club Hotel

Fiesta Island Launch Site



HOTEL LAYOUT

