

Host Section

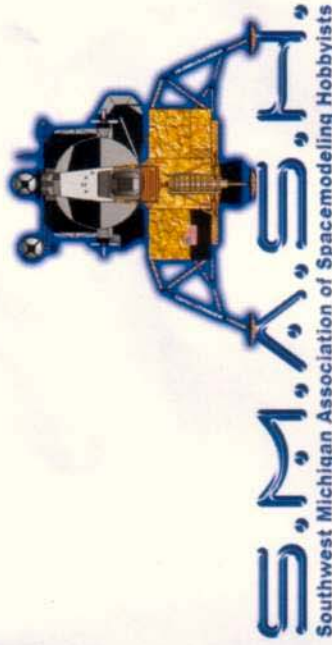
Southwest Michigan Association of Spacemodeling Hobbyists (SMASH) section #500 of the National Association of Rocketry (NAR). Founded in 1988 the section has promoted rocketry to the community making rocketry a fun, safe, and educational hobby for the whole family.



SMASH & MMAR members are from all over the Midwest. The members of SMASH would like to invite you to NARAM-54 in 2012.

Model Rocketry is a safe, educational and fun hobby

NARAM-54 made possible by these sections:



www.smashrocketry.org

www.mmarocket.com



This event is sanctioned by the National Association of Rocketry

www.nar.org



Contest Director

Contact information:
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Muskegon, Michigan
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231-755-0652

www.naram.org

www.naram.org

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NARAM-54

Celebrating the 50th Anniversary of John Glenn's Friendship 7 Flight

July 28, 2012 to August 3, 2012



Sport Launch

Saturday July 28th to Friday August 3rd
High Power Events TBD
Level 1, 2, 3 Certifications

Contest Events

July 30th to August 3rd

Research & Development (36)

C & T Div: G Egg Loft Altitude w/altimeters (24)

A & B Div: D Egg Loft Altitude w/altimeters (19)

Classic Model (20)

Sport Scale (20)

A Helicopter Duration (20)

B Boost Glider Duration (19)

C Streamer Duration Multi-Round (14)

A Super-Roc Duration (13)

A Parachute Duration Multi-Round (11)

Set Duration 50 Sec. (8)

Open Spot Landing(4)

Social Events

NAR Town Hall Meeting

Educational Fund Auction

Golden Jubilee Imagination Celebration

Dead Cow Soiree

Manufacturers Forum

Swamp Gas Night Launch

Mercury Atlas Commemorative Launch



www.naram.org

Launch Site

11,000 Acre facility, with a
waiver to 15000' AGL

MMAR Rocket Club Launch Site

At the Muskegon County Waste Water Facility
8301 White Road, Muskegon, Michigan
GPS: N43.263144, W-86.02958



Map of Hotel and Launch Site:

www.naram.org

Host Hotel



Holiday Inn

Muskegon Harbor

Downtown Muskegon, Michigan

Features:

pool, game area, exercise room, lounge, restaurants, Banquet facilities, computer work station,

(888)HOLI-DAY or
www.holidayinn.com



Camping



There are a number of campgrounds in the area and most have lakes for swimming and fishing:

For more information see the web site.

www.naram.org