

## Apollo 13 50<sup>th</sup> Anniversary Launch Commemoration Event

Location: Kansas State Fairgrounds

Cost: **Free** for the whole family

Date: Saturday April 4<sup>th</sup>, 2020 from 9:00 a.m. – 12:30 p.m.

Ending at 12:30 so participants can attend the 1:30 [Apollo 13 Mission Control Debrief](#)

Back-up Date/Time Sunday April 5<sup>th</sup>, 10:00 am-2:00 pm

Organized by the  
Kansas Organization for Space Modeling ([KOSMO](#))  
and the St. Louis Rocketry Association ([SLRA](#))



Apollo 16 40<sup>th</sup> Commemoration 3/2012 Las Cruces, NM



Las Cruces Sun News 3/2009

### Event Schedule

- **9:00 – 9:45 [Apollo 13](#) 50<sup>th</sup> Anniversary Commemoration**

We will step through the history of the US vs Russia race to land on the moon by launching scale replicas of the historic Space vehicles: [Wac Corporal](#), [V-2](#), [Vostok](#), [Jupiter C](#), [Little Joe](#), [Mercury Redstone](#) dual launch, [Mercury Atlas](#), [Gemini Titan](#), [Atlas/Agena](#), [Little Joe II](#), and [Saturn IB](#).

The culmination of the Commemoration Event will be a 1:100 scale [Apollo 13 Launch Reenactment](#) from a working replica of the historic Apollo Launch Pad Complex 39A, complete with [countdown audio](#) beginning with President John F. Kennedy's "We Shall Go to the Moon" speech, followed by historic audio clips from the Apollo 8, 11, and 13 missions.

Prior to each launch the Public Address Announcer will provide an historical prospective of each rocket.

- **9:45 – 12:30 Sport Launch and Precision Duration Apollo 13 Splashdown Spot Landing Competition**

#### 1. Sport Launch

Attendees are encouraged to bring their own rockets and rocket engines to launch with KOSMO and SLRA members after the Apollo 13 Launch Reenactment. Spectators attending this event will be treated to flights of other scale and non-scale rockets creatively crafted by KOSMO and SLRA members.

There will be a limited supply of Take it/Fly it rockets, donated by KOSMO and SLRA members, for young attendees who are interested in joining in on the fun and excitement that is model rocketry. Rocket engines and assistance in prepping the rockets for flight will also be provided free of charge.

#### 2. Precision Duration Apollo 13 Spot Landing Competition

Competition Objective: Achieve a flight duration time as close as possible to 39 seconds (Apollo 13 times 3 astronauts=39 seconds) while attempting to land on a 10' diameter vinyl Earth that will be positioned in the rocket recovery area. Landing on the Earth takes precedence over duration score (difference between flight duration time and 39 second target time). If more than one competitor, within the same Class, lands on Earth; the tie breaker will be determined by their duration scores. If no-one in the Class lands on Earth then rankings will be based solely on flight duration scores.

Competition Classes:



1. [Odyssey](#) Class (age 16 and under)
2. [Aquarius](#) Class (age 17 and over)

Awards:



St. Louis Science Center Apollo 11 50<sup>th</sup> Precision Duration Lunar Spot Landing Competition

1. [Mr. Milton Windler](#) (Apollo Maroon Team Flight Director/Apollo 13 Lead Flight Director) has graciously agreed to sign the [Achievement Certificates](#) that will be presented to the top three finishers in each Class.
2. [Estes Corporation](#) is donating two [1:200 Scale Ready-to-fly Saturn V](#) rockets and [Hobby Town \(Wichita, KS\)](#) is donating one as well. These rockets will be awarded to the competition champions. In the Odyssey Class, Saturn Vs will be awarded to the male and female champion.

Requirements: You must provide your own rocket and engines, unless you obtain a Take it/Fly it rocket

For additional information email KOSMO at: [info@kosmo427.org](mailto:info@kosmo427.org)

The following is the linked information from the Informational Page

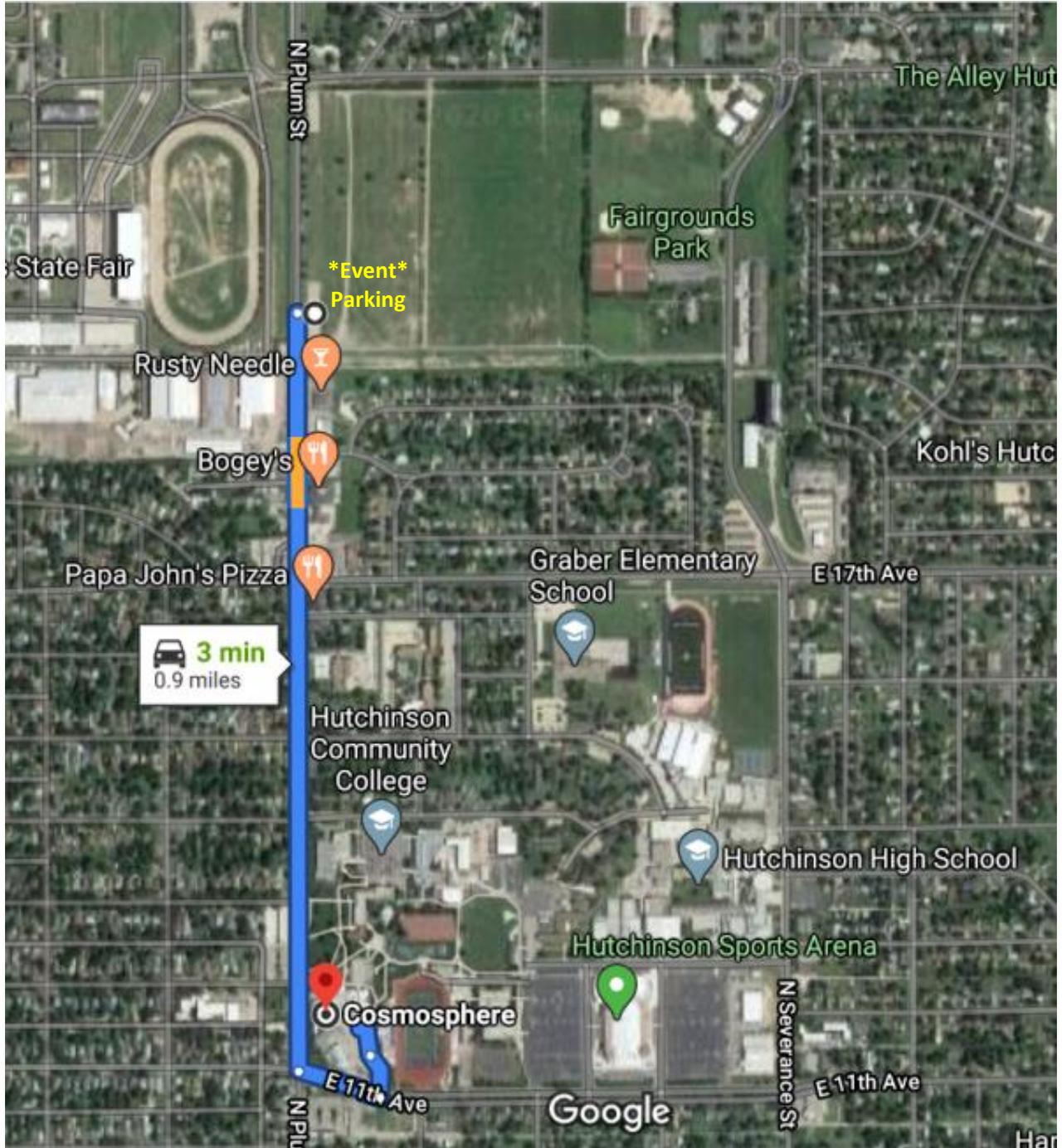
### Hutchinson Kansas-Kansas State Fairgrounds Parking Lot (KOSMO Launch Site)

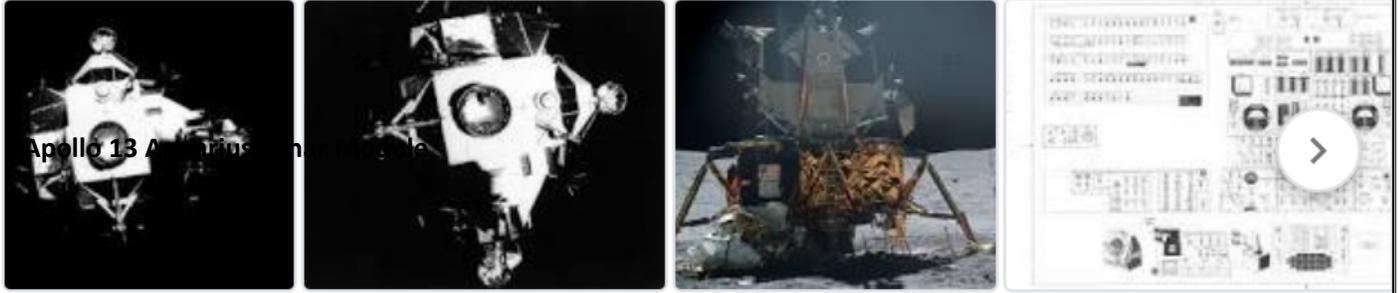
From the Cosmosphere, head East on East 11<sup>th</sup> Ave and in .4 miles turn North on N Severance St. Continue on N Severance St. for .8 miles then turn left into the venue site parking area. Look for the Apollo 13 50<sup>th</sup> Anniversary directional signs

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[Google Map View](#)

[Zoom in of Venue Site Areas](#)





In April 1970, the **Apollo 13 lunar module Aquarius** played an unexpected role in saving the lives of the three astronauts after an oxygen tank in the service **module** ruptured, disabling the CSM. **Aquarius** served as a "lifeboat" for the astronauts during their return to Earth.

**Applications:** Crewed lunar landing

**Diameter:** 13 feet 10 inches (4.22 m) without la...

**Crew capacity:** 2

**Width:** 31 feet (9.4 m), landing gear deployed



## Certificate of Achievement

In Recognition of Accomplishment at the Apollo XIII 50<sup>th</sup> Anniversary Celebration  
Precision Duration Apollo XIII Splashdown Spot Landing Competition

*Mr. Windlers' Signature Here*

**Milton Windler**  
**Apollo XIII Maroon Team**  
**Lead Flight Director**

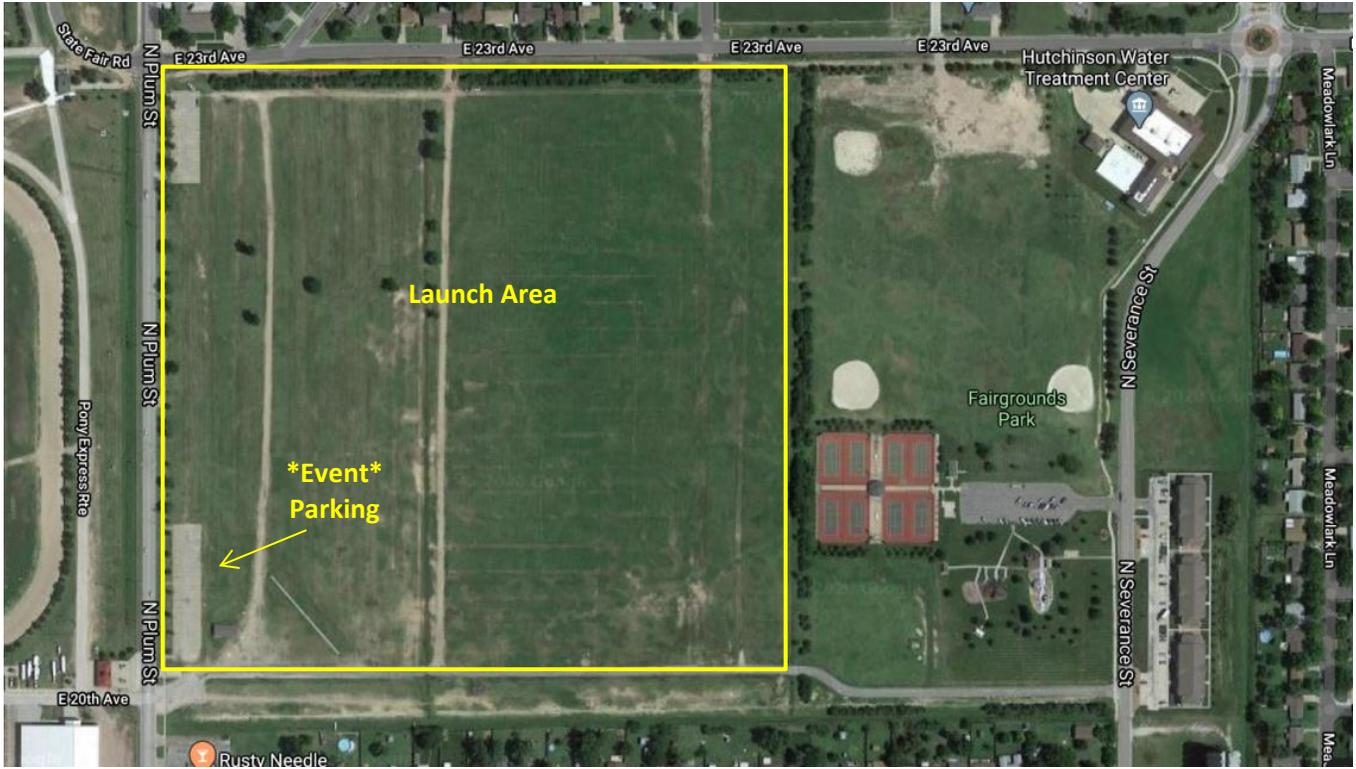


The perilous mission comes to a picture-perfect ending with the safe splashdown of the Apollo 13 Command Module Odyssey in the massive south Pacific Ocean, only four miles from the prime recovery Aircraft Carrier, U.S.S. Iwo Jima.



# Apollo 13 50<sup>th</sup> Anniversary Commemoration Launch Site Area

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Source: Google

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