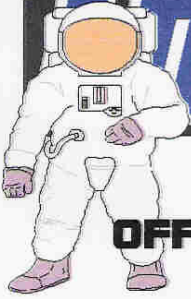


# THE KOSMONAUT



MARCH-APRIL 2010

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OFFICIAL JOURNAL OF THE KANSAS ORGANIZATION  
FOR SPACEMODELING NAR SECTION 427



**KOSMO  
CELEBRATES  
30TH YEAR!**



**HONORING  
THE  
MISSION**

**KOSMO  
LAUNCH  
CALENDAR**

Keith Ravenstein checks out the progress  
of Luke Zongker's high power model

**BUHLER  
SPORT  
LAUNCH  
KOSMONAUTS  
MEET IN  
HUTCHINSON**



# March Launches Cancelled

## Club looks forward to April Activities

Reported by Duane Lanterman, secretary

March around the county has been strange weather wise, and no less so in Kansas. Unusually cool weather has everyone longing for warmer weather and a chance to start outside activities. Our first scheduled launch saw a wind chills of 32 degrees, a ceiling of 1600' and winds from the north at 19 at the scheduled start time. The back up date 2 weeks later resulted in a steady rain in the morning with occasional snow flakes thrown in. The launch in Ellinwood became a meeting in Hutchinson. A nice group of 8 members discussed the upcoming launch in Hutch, celebrating the 40<sup>th</sup> anniversary of Apollo 13, and the upcoming launch at our new field in Buhler.

We have been corresponding with Dave Kovar of the FLARE NAR section in New Mexico in regard to the 40<sup>th</sup> Anniversary of the Apollo 13 launch at the Kansas Cosmosphere and Space Center. He will be bringing the scale launch pad and Saturn V model to launch at the Apollo 13 activities. He will also be launching a Mercury RedStone and Gemini Titan. KOSMO members will be assisting with the launch. The first activity is the SpaceWorks tour on April 15. This is free and members wishing to take the tour should meet in front of the Cosmosphere a little before 10am that day. Friday afternoon *Apollo 13* will be showing at the Cosmosphere at 4pm followed by *The Wonder of It All* at 7pm. (some tickets may still be available for this movie, contact John Palmer) Saturday April 17 KOSMO members will meet in front of the Cosmosphere at 8am to assist with the model rocket launch. Those who have FRS radios are asked to bring them and use channel 7 (no quite code). At 8:30 at the football field next to the museum the launching will begin capped by the Saturn launch at app. 9am. At 10am the activities will move to the Sport Arena near the museum and will consist of a round table discussion with the flight directors of Apollo 13. An autograph session will follow. This should conclude at about noon. The Kosmonauts have received some free tickets to this event. Some may still be available, but if not, admission will be available for the nominal fee of \$5. A showing of the *Apollo 13* movie will then be available again at 1pm. A dinner and VIP event end the day at 6 and 8:30. It does not appear that the club has tickets to these sold out events, but if one is available, it was moved that John Palmer attend as he has put in many hours coordinating with the Cosmosphere in regard to the model rocket launch.

It was moved that we give Dave Kovar one of our club hats and buttons. All members attending are urged to wear their club hats and a club T-shirt if you have one. Saturday morning Ron Shipley will distribute the new 30<sup>th</sup> anniversary club buttons designed by Steve Saner to club members

In other business, Keith Ravenstein reported that he had purchased two First Aid kits for the club. Mark Johnson will check on purchasing two fire bottles once NAR funds are available.

The last item of business was the upcoming launch in Buhler, Ks. Kirk Zongker reported it will be at the sports complex at the NE edge of town. The field should allow for models up to 1000' of altitude, mostly D power and below, although heavier models with E power should be ok.

The launch will run from 10am-5pm. \$3 for members, \$4 for non-members. (those making 4H qualifying flights will be allowed to fly for free). A BBQ will happen at noon for a minimal charge. A map of the launch site can be seen at our club's website [www.kosmo427.org](http://www.kosmo427.org).

We ended the meeting looking at members recent rocket projects, checking out Dave Kovar's rockets on the internet, and discussing the current state of manned space flight. On to Hutch !!



**ABOVE: RON SHIPLEY WITH THE VIDEO CAMERA TO BE USED IN HIS KANSAS NEWMAN CLASSES**

**JOHN PALMER (L) AND DUANE LANTERMAN'S (R) RECENT BUILDS**

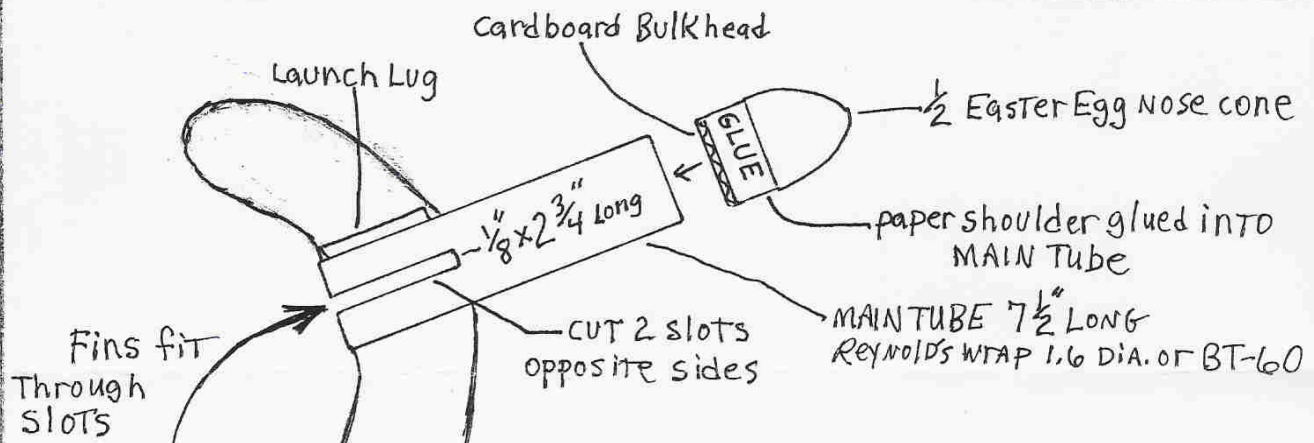
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# Whirlybird 2x upscale

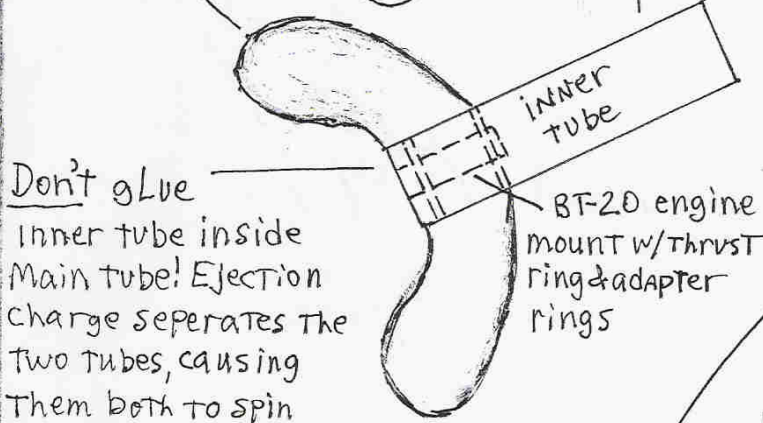
DRAWN BY: 4/4/08

Mr. Joseph Peklicz  
635 S Zane Hwy.  
Martins Ferry OH 43935-1236

ORIGINAL smaller 1970's plan by Chris Carstensen

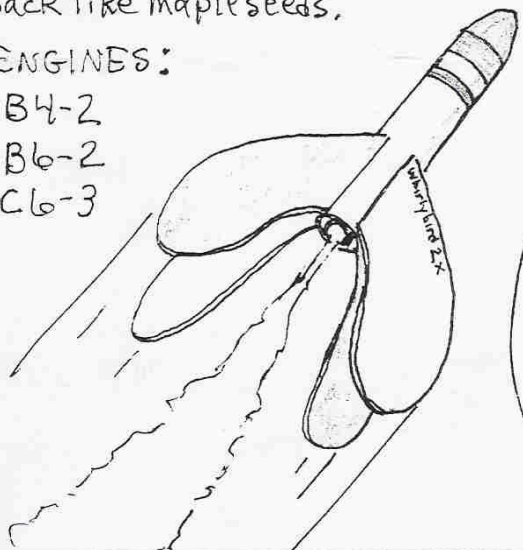


This tube fits inside the main tube snugly,  $5 \frac{1}{2}$  Long.



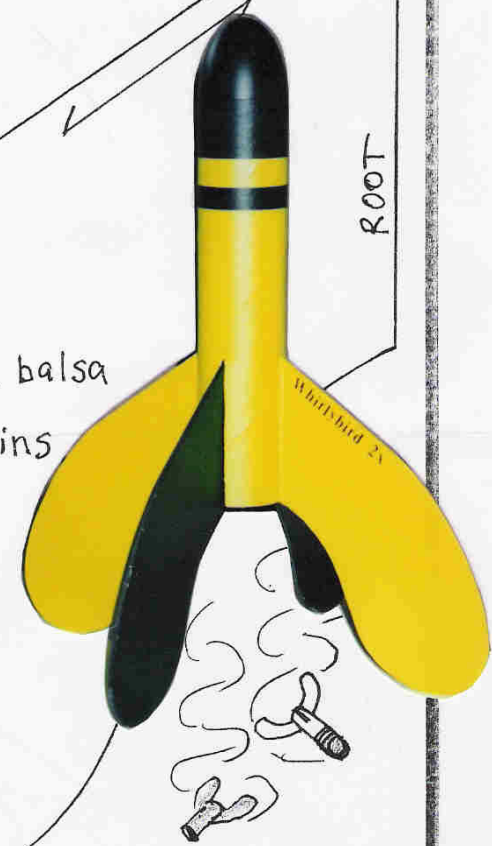
Don't glue inner tube inside main tube! Ejection charge separates the two tubes, causing them both to spin back like maple seeds.

- ENGINES:
- B4-2
  - B6-2
  - C6-3



use  $\frac{3}{32}$  balsa  
make 4 fins

FULL SIZE FIN PATTERN

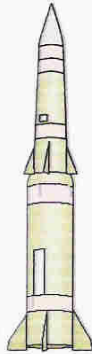


# Buhler Sport Launch

Saturday April 24  
10am-5pm

Launch Fee  
Members \$3  
Non-members \$4

Field is sized for D power  
and below with app 1000'  
flights - E power ok in heavier models



Hot Dogs/Chips/Drink  
Available at Noon

Check [www.kosmo427.org](http://www.kosmo427.org) or  
call 620-793-7491 for last  
minute updates

Softball Diamond/Park - NE part of Buhler

## KOSMO 2010 Launch Calendar

April 17 - Hutch Cosmosphere - Apollo 13 Anniversary Launch

April 24 Buhler Sport Launch

June 5-6 KRAMO 30 Hutch Fair Grounds Regional Contest

July Barton Co Fair/ Reno County Fair

Aug Rush Co. Fair

Sept. 5 FFFF Ellinwood, Ks.

Sept. 19 FFFF Back-up date

Oct. 23 Night Flight - Hutch Fair Grounds

Nov. 6 Low and Slow - Steve Saner Residence -Andover

**GOOD CLEAN  
FUN AT MACH 1**





# HONORING THE MISSION

40TH ANNIVERSARY of APOLLO 13

**FRIDAY, APRIL 16, 2010**

**IMAX showings of the film *Apollo 13* will be shown throughout the day, check at [www.cosmo.org](http://www.cosmo.org) for show times and pricing.**

**7:00 P.M.**

**Screening of *The Wonder of it All***

*A documentary by Jeff Roth detailing the manned spaceflight program from the early missions through the Apollo era and featuring interviews from a number of astronauts and key players in the development of manned spaceflight – Limited seating, please call for reservations.*

**SATURDAY, APRIL 17, 2010**

**IMAX showings of the film *Apollo 13* will be shown throughout the day, check at [www.cosmo.org](http://www.cosmo.org) for show times and pricing.**

**9:00 A.M.**

**Saturn V Rocket Launch**

*Relive the liftoff of Apollo 13 as you watch the launch of a scale model of the Saturn V and hear the actual audio footage of pre- and post-launching activities. Free event (weather permitting) at Gowans Stadium.*

**10:00 A.M.**

**Apollo 13 Mission Control Live Presentation**

*Come and experience a round-table discussion moderated by noted space author Andrew Chaikin with many of the famed Apollo 13 Mission Control staff including Flight Directors Gene Kranz, Milton (Milt) Windler, Gerry Griffin, CSM EECOM, Sy Liebergot, Ed Fendell INST/COMM, Jerry Bostick Flight Dynamics, CapCom Jack Lousma, and Guenter Wendt. Admission will be \$5 for adults and \$2 for children 12 and under.*

**6:00 P.M.**

**Apollo 13 Gala Dinner – SOLD OUT**

*A gala dinner featuring guest speakers Apollo 13 Astronauts James Lovell and Fred Haise, and NASA Flight Director Gene Kranz will be held in the Cosmosphere's Main Lobby. Several other astronauts, including Apollo 12 Astronaut, Alan Bean, and Mission Control Flight Directors and Controllers from Apollo 13 will also be in attendance. Gala Dinner: \$150 per non-member/\$130 per member*

**8:30 P.M.**

**Apollo 13 VIP Event – SOLD OUT**

*The evening will conclude with a VIP reception in the Hall of Space Museum's Apollo Gallery where the Apollo 13 capsule, *Odyssey*, is exhibited. At this private event, guests will have the opportunity to have their photo taken with James Lovell, Fred Haise and Gene Kranz in front of *Odyssey*. This reception requires an additional ticket. Dinner and VIP Reception: \$300 per non-member/\$260 per member*

Tickets for the Dinner and VIP event are being offered to Cosmosphere Members on a first-come, first-serve basis until February 20, at which time tickets to the event will be offered to the general public. The gala dinner is limited to 300 guests and the VIP reception to 100 guests.

**COSMOSPHERE**  
KANSAS COSMOSPHERE & SPACE CENTER

1100 north plum | hutchinson, ks | 800.397.0330 | [cosmo.org](http://cosmo.org)