### **Presentation Order**

April 20, 2018

### **TRIBAL**

- 1. COLLEGE OF MENOMINEE NATION Keshena
- 2. FOND DU LAC TRIBAL COMMUNITY COLLEGE Baturn V
- 3. KAPI'OLANI COMMUNITY COLLEGE Kulia I Ka Nu'u
- 4. LITTLE BIG HORN COLLEGE Ihkachiishpishe Rocket Team
- 5. LAC COURTE OREILLES OJIBWA COMMUNITY COLLEGE Lac Courte Oreilles Ojibwa Community College
- 6. NORTHWEST INDIAN COLLEGE NWIC Team Tribal
- 7. TURTLE MOUNTAIN COMMUNITY COLLEGE Mighty Mckinocks
- 8. UTAH STATE UNIVERSITY-EASTERN BLANDING Eagles

#### **AISES**

- 9. CHIEF DULL KNIFE COLLEGE Haatamaahetaneo
- 10. FORT LEWIS COLLEGE Skyhawks
- 11. FORT PECK COMMUNITY COLLEGE FPCC High Flyers
- 12. LEECH LAKE TRIBAL COLLEGE Leech Lake Lakers
- 13. UNIVERSITY OF ALASKA-ANCHORAGE Qawaghhpak
- 14. UNIVERSITY OF CALIFORNIA-LOS ANGELES UCLA Bruin Rocketeers
- 15. UNIVERSITY OF COLORADO-BOULDER The Rocket Buffaloes
- 16. UNIVERSITY OF HAWAII AT MANOA AISES at UHM
- 17. UNIVERSITY OF NORTH CAROLINA-PEMBROKE BraveNation

# **Competiton Rubric**

Design Reports (Written)	50
Flight Readiness Presentation (Oral)	10
Flight Performance	40
	Total 100

Total 100

10

Arrive at competition with Ready-to-Fly Rocket (90-100% Complete) (Bonus points)

# April 19-21, 2018

**Wisconsin Space Grant Consortium** 

# First Nations Launch

9th Annual High-Powered Rocket Competition

## **Presentations**

Carthage College Todd Wehr Center

## Launch Site

Richard Bong State Recreation Area\*

\*see map insert











The material is based upon work supported By NASA under award number NNX13AE434

# Welcome FNL Teams Launch Weekend Schedule

### Thursday, April 19, 2018

9:00 - 9:45 a.m. 10:00 - 10:30 a.m. 10:30 - 11:30 a.m. 10:30 - 5:30 p.m. 10:30 - 3:00 p.m. 11:30 - 1:30 p.m. 12:00 - 1:00 p.m. 130 - 2:30 p.m. 3:00 - 4:00 p.m. 4:30 - 6:30 p.m.	Shuttle pick-up - Wyndham to Carthage Kick Off Registration Rocket Build Workshop Motor Build Workshop Lunch - Students Lunch - Advisor Meeting Payload Construction Tripoli Certification Dinner	Entrance Jockey B Foyer 128 B-C 128 B-C Café Café/PDR Jockey A Jockey A Café
	_ · · · · · · - ·	Café
5:00 <b>-</b> 5:30 p.m.	Tripoli Inspection	128 A
5:30 <b>-</b> 6:30 p.m.	Shuttle pick-up - Carthage to Wyndham	Front

### Friday, April 20, 2018

8:00 - 8:45 a.m.	Shuttle pick-up - Wyndham to Carthage	Entrance
9:00 <b>-</b> 10:15 a.m.	Tribal Presentations	Jockey B
10:15 - 10:30 a.m.	Break	Jockey B
10:30 <b>-</b> 11:45 a.m.	Tribal Presentations	Jockey B
11:45 - 1:00 p.m.	Lunch - Students	Café
11:45 - 1:00 p.m.	Lunch - Judges	PDR
1:15 - 3:00 p.m.	Presentations	Jockey B
3:00 - 3:15 a.m.	Break	Jockey B
3:15 - 4:30 p.m.	Presentations	Jockey B
4:30 - 5:00 p.m.	Shuttle pick-up - Carthage to Wyndham	Front

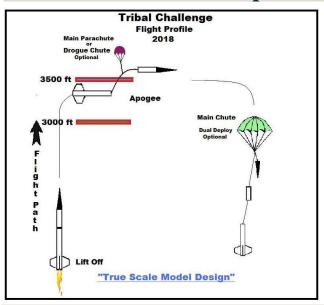
### Saturday, April 21, 2018

7:00 - 7:15 a.m. 8:00 a.m. 8:15 a.m. 8:30 - 4:00 p.m. 12:00 - 1:00 p.m. 4:15 p.m. 6:00 - 6:20 p.m. 6:30 - 7:30 p.m. 7:30 - 8:15 p.m.	Charter Bus pick-up - Wyndham to Bong Safety Meeting Group Photo Launch Break for Lunch Charter Bus Departs Bong Shuttles Depart Wyndham Award Banquet Joe Connolly - Guest Speaker	Entrance Bong Bong Bong Site Entrance Jockey B
7:30 <b>-</b> 8:15 p.m. 8:30 - 9:15 p.m.	Joe Connolly - Guest Speaker  Depart Carthage	Jockey B Front
o:50 - 9:15 p.m.	Depart Cartriage	riont

### Sunday, April 22, 2018

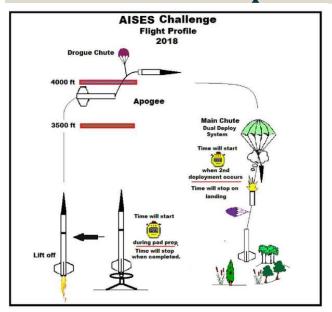
10:00 - 2:00p.m. Tripoli Level 1 & 2 Certification Flights Bong

# **Tribal Competition**



The challenge is to design, construct and launch a high power rocket "True Scale Model" of a current or retired rocket or missile used around the world.

# **AISES Competition**



The challenge is "Timed Duration Operation X2 (TDOX2)."
Each team will be timed on their pad preparation.