# Titans in Space

**Launch Announcement**

The Titans in Space launch team is excited to announce the first launch of the Titans in Space project!  **Titans in Space** (TIS) is scheduled to launch March 26, 2011 at 9:30AM CST. We will launch from Gluckstadt, MS at the Madison County Career and Technology Center. Preflight will begin at 7:30 AM CST.

Visit QRZ.com and search the call sign KC5NXD for updated Flight News, and Launch Information.  Our club website is:

http://www.madison-schools.com/18912081810027520/site/default.asp  We are also on Twitter where you can follow up to the minute launch announcements.  The preflight and launch will be stream-cast live at www.ustream.com; be sure to search for username kc5nxd.

FlightComm for this launch:
**KC5NXD – Gluckstadt, MS**
443.700 - 77 Hz tone Madison/Ridgeland, MS
146.760 – 100 Hz tone Jackson Metro
145.39 – 77 HZ tone Pelahatche area

Track the project on Twitter with username: KC5NXD
Everyone is invited to login and enjoy the chase.


**Launch Details:**

Saturday - March 26, 2011 – dependent on the weather
Preflight: 7 – 9AM CST (Webcast LIVE – www.ustream.com and search for kc5nxd)
Launch: 9:00 – 9:30AM CST (Webcast LIVE – www.ustream.com and search for kc5nxd)
Launch address: 142 Calhoun Parkway, Madison, MS 39110

**Flight Prediction:**
Burst Altitude: 28,910m (94,825ft) Approx
Range:  Will announce the day before launch
Flight Time: Will announce the day before launch
Landing: Will announce the day before launch


**CURRENT FLIGHT STATUS**:
=== GO ===

**FlightComm Ops:**
K5LEM (Advance chase)
N5VEI – (On-site and lag chase)
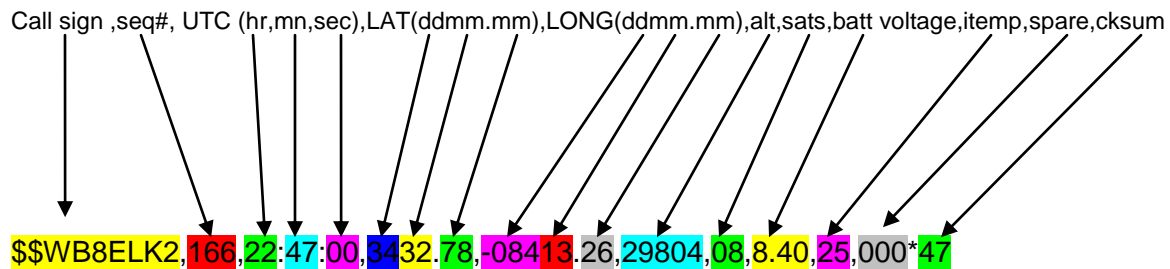AE5SK – ( possible advance chase)
Volunteers needed


**Propulsion:**
1000g He

**Payload:**
APRS – KC5NXD-11  144.39Mhz  www.aprs.fi or www.findu.com
2 meter voice beacon – 146.565Mhz
20 meter telemetry beacon – approx 14.079 – 14.080.5 (Telemetry will be in 4 modes which will
be Domino-ex16, CW, RTTY, & Hellscreiber)
GOPRO HD camera
Science Experiments
Experimental cut-down device
SPOT Locator device

HF transmitter data will be in a data stream format of:

Call sign ,seq#, UTC (hr,mn,sec),LAT(ddmm.mm),LONG(ddmm.mm),alt,sats,batt voltage,itemp,spare,cksum

$$WB8ELK2,166,22:47:00,3432.78,-08413.26,29804,08,8.40,25,000*47

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# TITANS IN SPACE

**210 Sunnybrook Rd. , Ridgeland, MS 39157**