



THE BREWER TROPHY AVIATION EDUCATION ASSOCIATION

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Amateur Radio and Aviation Education VI

First Chinese Amateur Radio Satellite Now in Space

AMSAT China (CAMSAT) reports that at around 0230 UTC on December 15, China launched its first Amateur Radio satellite -- named XW-1 -- into space.

The microsatellite -- a secondary payload aboard the CZ-4C rocket launched from the Taiyuan Satellite Launch Center -- was launched into a Sun-synchronous orbit with an apogee of approximately 1200 kilometers.

XW-1 successfully reached orbit at 0253 UTC. Members of the XW-1 launch team reported they received a beacon from the satellite shortly after the satellite deployed. In the first few days, the XW-1 team will work on the satellite's FM and store-forward transponder mode and its linear transponder mode.

Once those tests are complete, they will upload a new flight program to set up the payload schedule.

The satellite's communications payload includes a beacon and three cross band transponders operating in FM, SSB/CW and digital modes.

Uplink and downlink frequencies can be found on the CAMSAT Web site:

<http://www.camsat.cn/index.php>, or the AMSAT web site at:
<http://www.amsat.org/amsat-new/satellites/status.php>.

A handwritten signature in black ink that reads "Paul G. Brewer III". The signature is stylized and cursive.

President, BTAEA

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