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RECENT NEWS

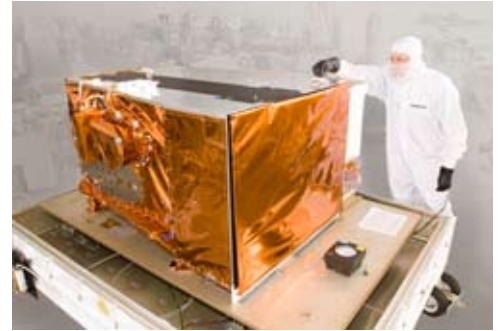
Raytheon Completes Key Test of Environmental Sensor

Advanced radiometer suite increases capabilities by multiples over legacy sensor.

The Visible Infrared Imager Radiometer Suite (VIIRS) produced by Space and Airborne Systems is designed to nearly double the on-orbit longevity of the existing polar weather sensor. Sensing improvements include 4 X better spectral coverage, 3 X better spatial resolution and 7 X better sea surface temperature reporting to aid decision making in matters of national priority, as compared to legacy sensor systems. The sensor completed ambient electromagnetic interference testing in November.

For more, go to

<http://raytheon.mediaroom.com/index.php?s=43&item=1146&pagetemplate=release>



Raytheon completes key test of environmental sensor

Raytheon Sensor Designed to Promote Understanding of Global Warming

The aerosol polarimetry sensor has now completed integration, baseline performance characterization, and vibration testing.

The aerosol polarimetry sensor (APS) developed by Space and Airborne Systems is the only instrument able to distinguish among various aerosols in Earth's atmosphere. Some aerosols contribute to warming and others to cooling, so their concentrations must be known to produce realistic climate models. APS' innovative optics support measurements from multiple viewing angles in multiple spectral bands for simultaneous collection of spectral and polarimetric data.

For more, go to

<http://raytheon.mediaroom.com/index.php?s=43&item=1139&pagetemplate=release>



Raytheon sensor designed to promote understanding of global warming passed vibration testing

Raytheon Technology to Assist in Hunt for Ice on Moon

Successful activation of the sensor on November 17 extends Raytheon's perfect 40-year record of on-orbit start up successes.

Miniaturized radio frequency (Mini-RF) sensors developed by SAS will use S- and X-band radar to investigate deep craters at the lunar poles. Radio signal data acquired by earlier NASA missions suggests that water ice might be present in areas lying in permanent shadow where photosensitive imaging instruments are rendered ineffective.

For more, go to

<http://raytheon.mediaroom.com/index.php?s=43&item=1111&pagetemplate=release>



Raytheon technology that will assist in hunt for ice on the moon is flying aboard India's Chandrayaan-1 spacecraft