Boeing Delta II to Launch Four More Globalstar Satellites, Totaling Sixteen Orbited Within 70 Days

The next Boeing Delta II launch will orbit another four Globalstar satellites - to total sixteen satellites launched by Boeing since June for the emerging telecommunications company.

The launch is scheduled for 12:37:41 a.m. EDT Aug. 17 from Space Launch Complex 17B at Cape Canaveral Air Station, Fla. There is a three-minute launch window.

The launch will bring the total number of Globalstar satellites on orbit to 36, and will help The Boeing Company set a record for the most satellites (17) orbited within the shortest period of time (80 days) for any launch vehicle in history. Three Delta II launches each carrying four Globalstar satellites took place on June 10, July 10 and July 25. Boeing also launched NASA's FUSE spacecraft on June 14.

"This fuels our affirmation that we are using our resources effectively to give our customers a streamlined, consistent, quality ride to space," said Jay Witzling, Boeing vice president of Delta II and Titan Fairing Programs. "The entire Delta team is committed to this goal, and has worked very hard over the past few months, fostering Delta's reputation as the industry workhorse."

The Delta II is manufactured in Huntington Beach, Calif., with final assembly in Pueblo, Colo., and is powered by the RS-27A engine built by Boeing in Canoga Park, Calif. Alliant Techsystems, Magna, Utah, builds the graphite epoxy motors for boost assist. Aerojet, Sacramento, Calif., manufactures the second-stage engine; and AlliedSignal, Teterboro, N.J., builds the guidance and flight control system.

The Globalstar network is a planned constellation of 48 satellites orbiting at 764 nautical miles (1414 km) above the Earth that will supply global mobile telephony service.

Live Satellite Broadcast Feed

Boeing and Loral will broadcast the launch live beginning at 12:20 a.m. EDT Aug. 17. The US satellite Ku-band transmission will be on Telstar V, Transponder 17 with a vertical polarization, located at 97 degrees west. The downlink frequency will be 12022 MHz.

The European satellite broadcast will be carried on Intelsat K, Transponder Ku-5 upper. The polarity of the downlink will be horizontal and the frequency will be 11498.5 MHz. The satellite is located at 338.5 degrees west.

Bars and tone will be broadcast starting at 11:50 p.m. EDT Aug. 16.

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For further information:

Boeing Communications Expendable Launch Systems
714) 896-1301

Boeing Launch Hotline
(714) 896-4770