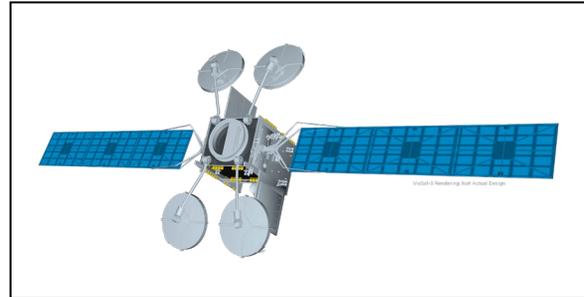


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ViaSat-3

Description and Purpose: The ViaSat-3 ultra-high capacity satellite system is a highly-advanced global constellation comprised of three geostationary ViaSat-3 class satellites. The first ViaSat-3 class satellite will provide broadband connectivity service to the Americas, the second ViaSat-3 class satellite will cover Europe, Middle East and Africa, and the third ViaSat-3 class satellite will deliver service to the Asia-Pacific market.

Each ViaSat-3 class satellite is expected to offer over 1 Terabit per second (Tbps)—or 1,000 Gbps—of total network capacity to deliver a global broadband network with enough bandwidth to deliver affordable, high-speed, high-quality internet and video streaming services. The ViaSat-3 constellation is anticipated to have approximately eight times the capacity of Viasat’s current satellite fleet combined.

Customer: Viasat, Inc.

General Characteristics:

The ViaSat-3 constellation will carry a Viasat-designed and manufactured payload on a Boeing 702 satellite platform. An evolution of the 702 satellite, the ViaSat-3 platform will carry all-electric propulsion and have the capability to support more than 25kW of payload power at the satellite’s end of life, making it among the highest performing satellites ever built.

Background:

In addition to the ViaSat-3 satellite bus platforms, Boeing also built ViaSat-2, a Boeing 702HP-based satellite that was launched in 2017. The first two ViaSat-3 satellites are scheduled for launch in 2021 with the third ViaSat-3 satellite planned for launch in 2022.

Miscellaneous:

As a part of its business relationship with Boeing, Viasat is working cooperatively across the Boeing enterprise. Viasat also works with Boeing Commercial Airplanes (BCA) to include Viasat’s portfolio of award-winning Ka-band airborne satellite terminals as a factory line-fit option on Boeing commercial aircraft.

Airlines are able to specify Viasat in-flight connectivity on new Boeing aircraft and take delivery of the planes with the Viasat equipment already installed. Factory installation avoids costly down-time involved with taking planes out of service for post-production retrofits. With the system installed, airlines have the ability to access Viasat's high-speed in-flight internet service, which offers passengers vastly improved in-flight Wi-Fi experiences with full streaming and data rates similar to an 'at-home' internet connection.

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