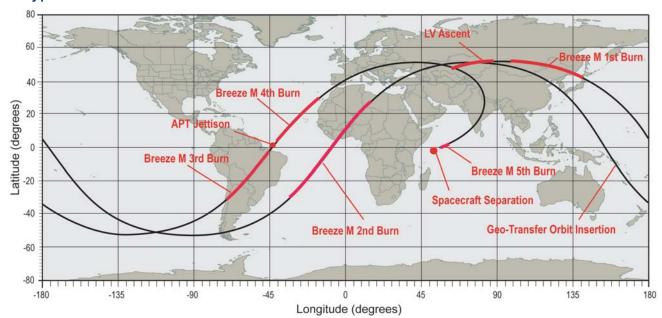
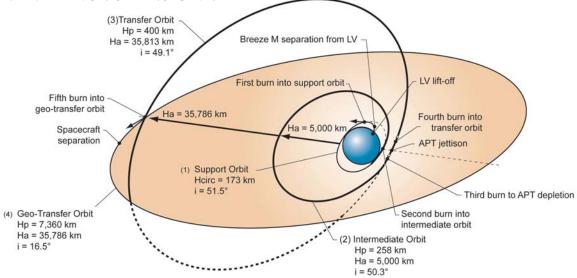
MISSION PROFILE

The Proton Breeze M launch vehicle, utilizing a 5-burn Breeze M mission design, will lift off from Pad 39 at the Baikonur Cosmodrome, Kazakhstan, with the MEASAT-3 satellite on board. The first three stages of the Proton will use a standard ascent trajectory to place the Breeze M fourth stage and the MEASAT-3 satellite into a sub-orbital trajectory, from which the Breeze M will place itself and the spacecraft into a circular support orbit. Once MEASAT-3 is in the support orbit, it will be propelled into its transfer orbit by a series of additional burns of the Breeze M. Separation occurs approximately 9 hours, 12 minutes and 10 seconds after liftoff.

Typical 5-Burn Proton Ascent Ground Track



Typical 5-Burn Insertion Into Orbit



THE SATELLITE



Satellite Operator:

MEASAT www.measat.com

Satellite Manufacturer:

Boeing Satellite Systems www.boeing.com/defense-space/space/bss /factsheets/601/measat3/measat3.html

Platform:

601HP

Separated Mass:

4,765 Kg

Design Life:

15 years

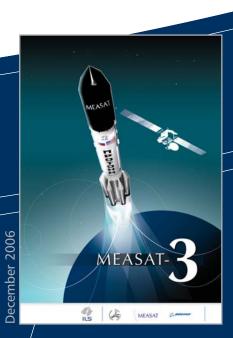
Mission:

MEASAT-3 is the newest addition to the MEASAT fleet.

Built by Boeing Satellite Systems, Inc., and based on the Boeing 601HP bus, MEASAT-3 will provide 24 C-band and 24 Ku-band 36 MHz transponders over a 15-year service life. Designed to be co-located with MEASAT-1 at 91.5° East longitude, MEASAT-3 will provide high-powered C-band coverage over more than 100 countries and Ku-band spot beams focused on Malaysia, Indonesia and South Asia. With the launch of MEASAT-3, the MEASAT network will provide C-band coverage over 70 percent of the world's population and high-powered DTH quality Ku-band coverage over 160 million TV households.



International Launch Services

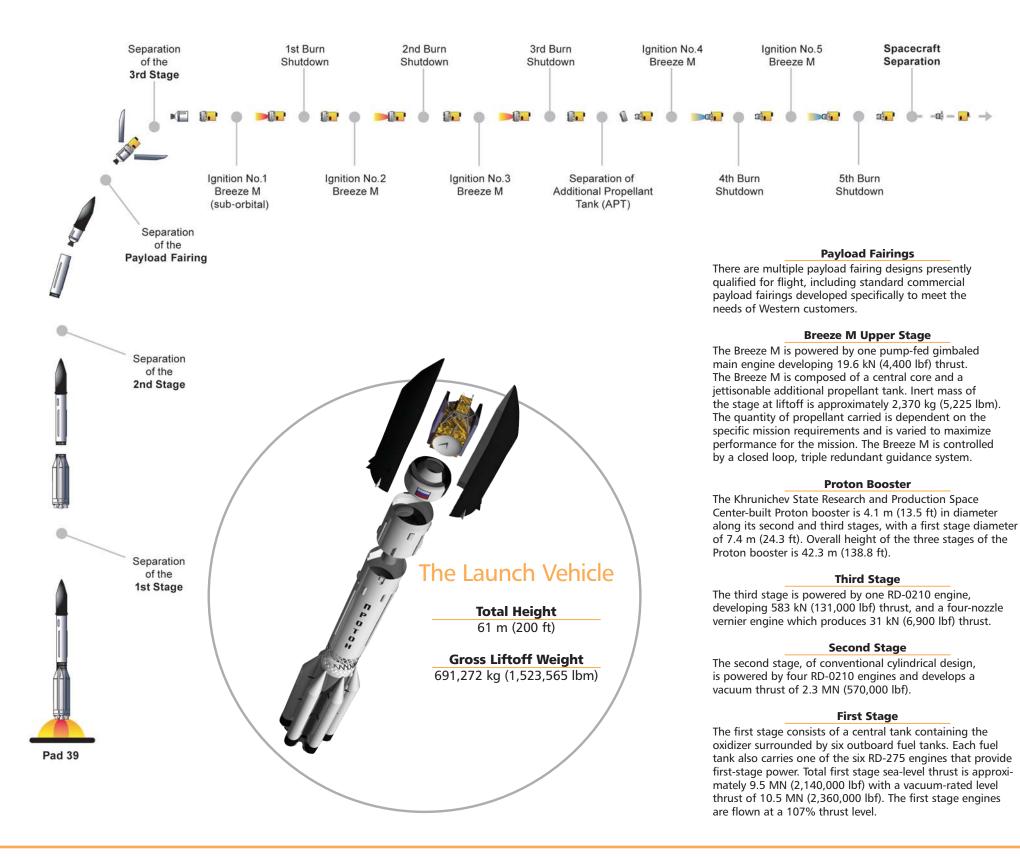


MÉASAT-3

Mission Overview

- 1st MEASAT launch on an ILS vehicle
- 4th ILS Proton Launch in 2006
- 323rd Proton launch

MISSION ASCENT PROFILE



Countdown and Flight Events Summary

EVENT	HR:MIN:SEC
Ignition sequer	ce start00:00:02.5
Stage one ignit	ion, 40 percent thrust00:00:01.6
Command stag thrust to 100 p	e one ercent00:00:00.9
Liftoff	
Maximum dyna	mic pressure00:01:05
Stage one/two	separation00:02:03
Stage two/thre	e separation00:05:30
Payload fairing	jettison00:05:45
Stage three up separation from	oer stage n Breeze M00:09:44
Breeze M first l	ourn ignition
Breeze M first l	ourn shutdown
Breeze M secor	d burn ignition01:08:30
Breeze M secor	d burn shutdown01:25:23
Breeze M third	burn ignition03:29:07
Breeze M third	burn shutdown03:40:52
Breeze M fourt	n burn ignition
Breeze M fourt	n burn shutdown03:47:46
Breeze M fifth	ourn ignition
Breeze M fifth	ourn shutdown08:58:39
Breeze M/space	craft separation