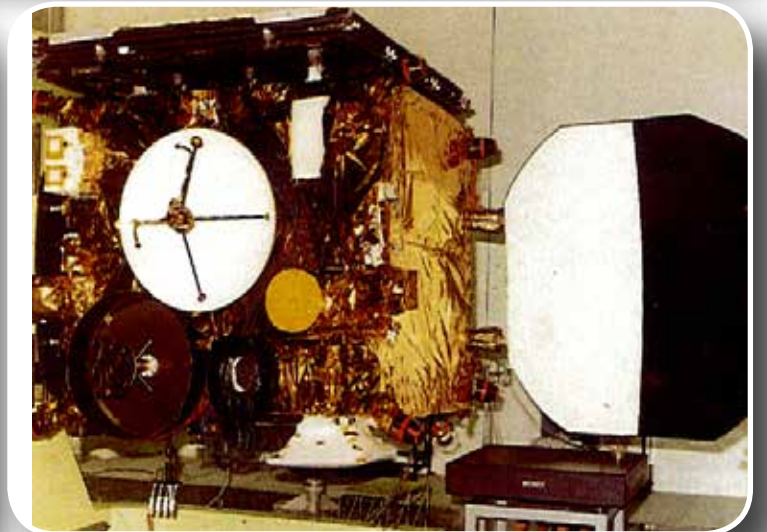
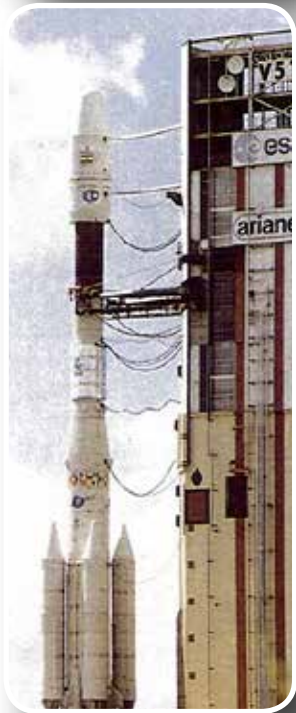
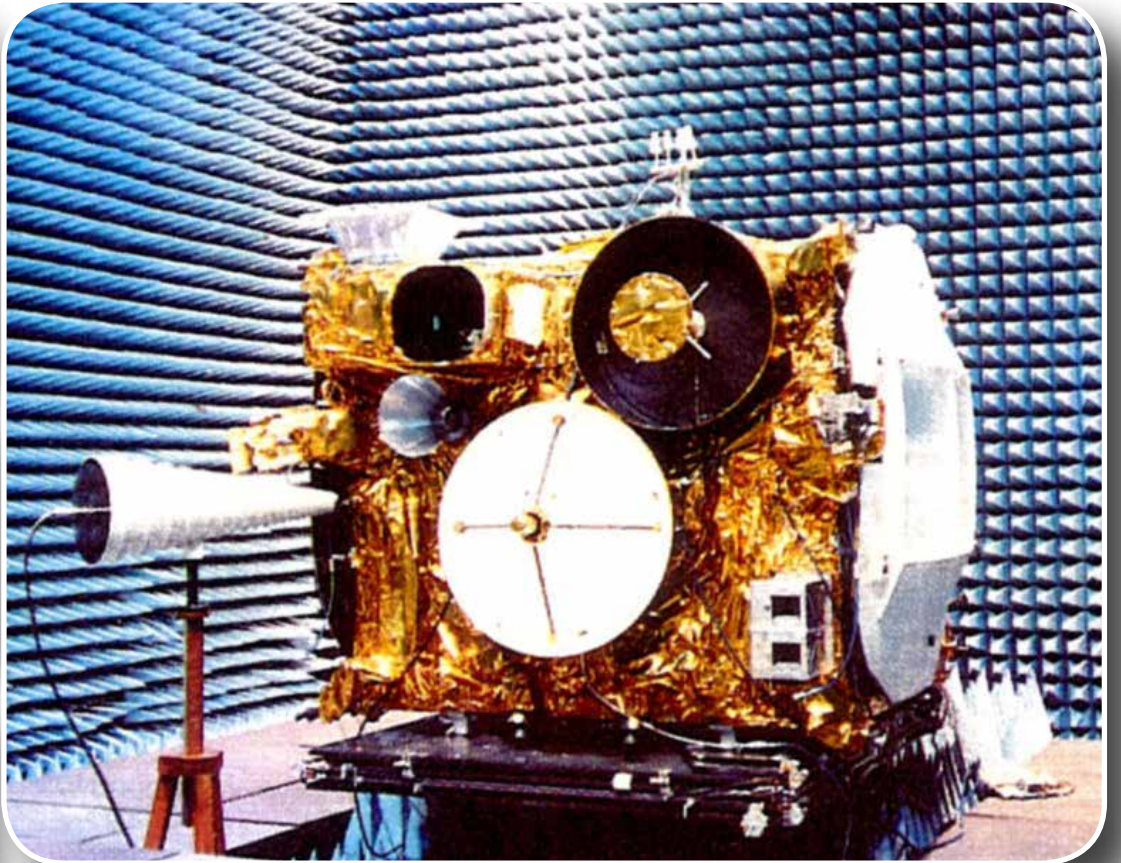
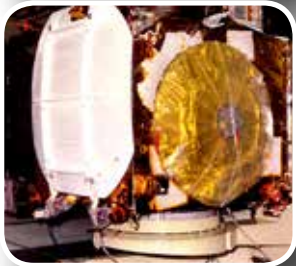


# INSAT-2A Mission

10 July, 1992

## THE MISSION

The Indian National Satellite (INSAT-2A) on-board the Ariane-4 lifted-off from Kourou, French Guiana on July 10, 1992. INSAT-2A, the first in the INSAT-2 series was a multipurpose satellite for Telecommunication, Television Broadcasting and Meteorological Services.



*Ariane-4*



# INSAT-2A

## THE SATELLITE

INSAT-2A was the first multipurpose satellite built by India and successfully operationalised in August 1992. INSAT-2A carried 12 normal C-band (for FSS), 6 extended C-band (for FSS) & 2 S-band (for BSS) Transponders. It also carried 1 Data Relay Transponder, 1 SAR (Search and Rescue) Transponder and a Very High Resolution Radiometer (VHRR) with 2 km resolution in the visible band and 8 km resolution in thermal infrared and water vapour band for meteorological application.

### SPECIFICATIONS

<b>Weight</b>	1906 kg
<b>Power</b>	1024 W
<b>Stabilization</b>	3-axis body stabilized with two Momentum Wheels & one Reaction Wheel, Magnetic Torquers
<b>Type of Satellite</b>	Communication
<b>Payloads</b>	<ul style="list-style-type: none"><li>• 12 Normal C-band Transponders</li><li>• 6 Extended C-band Transponders</li><li>• 2 S-band Transponders</li><li>• 1 Data relay Transponder</li><li>• 1 SAR Transponder</li><li>• VHRR</li></ul>
<b>Mission Life</b>	10 Years

