3322-9965
Hubble telescope, current time, above earth.

Tasking:
Move to the optimum position/location and describe the target focussed on in the photograph – the Hubble telescope.
Hubble orbits 600 kilometers (375 miles) above Earth, working around the clock to unlock the secrets of the Universe. It uses excellent pointing precision, powerful optics, and state-of-the-art instruments to provide stunning views of the Universe that cannot be made using ground-based telescopes or other satellites.

Hubble was originally designed in the 1970s and launched in 1990. Thanks to on-orbit service calls by the Space Shuttle astronauts, Hubble continues to be a state-of-the-art space telescope.

Hubble's accomplishments are extraordinary. For example, before Hubble, distances to far-off galaxies were not well known. Questions about how rapidly the universe is expanding, and for how long, created great controversy.

Hubble's discoveries have changed all of that.

- Every day, Hubble delivers between 10 and 15 gigabytes of data to astronomers all over the world. This has created a data archive of over 1 terabyte.
- Taken more than 400,000 separate observations.
- Hubble has observed more than 25,000 astronomical targets.
- Hubble has provided data for thousands of scientific papers.
- Circling the Earth about once every 95 minutes, Hubble has traveled over 3 billion miles.