

# Rocket to launch from US to study galaxy creation

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A rocket set to launch from Virginia's Wallops Island Flight Facility will study how the first galaxy was formed.

NASA says the Black Brant XII suborbital rocket carrying the [Cosmic Infrared Background](#) Experiment is scheduled to be launched Tuesday night.

It will study when the first [stars and galaxies](#) formed in the universe and how brightly they burned their nuclear fuel.

The [launch](#) will be on a larger and more powerful rocket than previous flights. That should allow it to reach a higher altitude so it can provide for longer observation time for the instruments.

The rocket may be visible to residents in the mid-Atlantic region.

The experiment will splash down in the Atlantic Ocean more than 400 miles (640 kilometers) off the Virginia coast. It won't be recovered.

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