

sci.space.tech: Re: Huygens landing.

## Re: Huygens landing.

**Source:** <http://sci.tech-archive.net/Archive/sci.space.tech/2004-07/0004.html>

---

**From:** Henry Spencer ([henry\\_at\\_spsystems.net](mailto:henry_at_spsystems.net))

**Date:** 06/29/04

Date: Tue, 29 Jun 2004 14:07:37 GMT

In article <Xns9516E7DB612F9kensuhotmailcom@207.115.63.158>, Chris Schumacher <[kensu\\_\\_@hotmail.com](mailto:kensu__@hotmail.com)> wrote:

>*I was wondering if Huygens is actually going to land on Titan, or is simply going to crash into it, a la the Ranger series?*

It will make a relatively slow descent under a parachute. It's primarily an atmosphere probe, with landing very much a secondary issue, but it will *\*probably\** survive touchdown/splashdown and report briefly from the surface.

>*And speaking of which, all of Cassini's images seem to be in monochrome. Doesn't it have a color camera as well?*

It's got the standard spacecraft setup: a monochrome camera with a filter wheel in front of it, so it can shoot color images by doing multiple shots with different filters. As with most such cameras, it doesn't actually do color images unless there's specific reason, since they produce three times as much data and then have to be combined and color-corrected.

--

"Think outside the box -- the box isn't our friend."  
-- George Herbert

| Henry Spencer  
| [henry@spsystems.net](mailto:henry@spsystems.net)