



National Aeronautics and  
Space Administration



GLAST  
Gamma-Ray Large Area Space Telescope

# GLAST Mission Status

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*Kevin Grady*



Gamma-ray Large Area  
Space Telescope





# Mission Status



Gamma-Ray Large Area Space Telescope

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- ◆ **Successful Pre-Ship review completed on Friday.**
- ◆ **Large Area Telescope and GLAST Burst Monitor fully qualified and integrated onto observatory.**
- ◆ **Spacecraft has been fully integrated and qualified. Several spacecraft components will be integrated at the launch site.**
  - Flight battery, the Ku-band antenna, solar array, Ku-band antenna and solar array flight release mechanisms, structural dampers, Ku-band transmitters).
- ◆ **Completed successful Flight Operations Review (Feb 7/8)**
  - Ground elements in-place and implementing L-60 freeze.
  - Approximately 250 hours of ETE testing (12 individual tests) with Mission Operations Center controlling observatory.
  - Over 95% of flight operations procedures have been verified.
  - Over 300 flight STOL procedures run from MOC with observatory.
- ◆ **Launch services:**
  - Most of the launch vehicle hardware is at the launch site. Exceptions are 5 of the solids which are in storage and the interstage adapter which is in CA.
  - Completed successful KSC Ground Operations Review.



# Launch Site Bound



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*GLAST on the way to Florida.*







# GLAST Schedule Ahead



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	<b>Flight Operations Review</b>	<b>February 7/8</b>
	<b>Pre-Ship Review</b>	<b>February 29</b>
■	<i>Ship to Launch Site</i>	<i>March 3</i>
■	<i>Complete S/C integration</i>	<i>April 2</i>
■	<i>Complete C/C testing</i>	<i>April xx</i>
■	<b>Mission Readiness Review</b>	<b>April 22</b>
■	<b>Fuel Spacecraft</b>	
■	<i>Move observatory to SLC-17b</i>	<i>May 1</i>
■	<b>Flight Readiness Review</b>	<b>May 12</b>
■	<b>Launch Readiness Review</b>	<b>May 15</b>
■	<i>Launch</i>	<i>May 16</i>
■	<i>Complete On-orbit C/O</i>	<i>July 16</i>