



Webb To Do List

Use this handy check list to follow along with the Webb telescope's deployment on its journey 1 million miles from Earth. This is a summary of Webb's main activities before it's ready for the next phase of preparing its instruments for science.* The order and timing are approximate and may change. The Webb deployment process involves hundreds of individual deployments, and is human-controlled.

	Date	Time since launch	Activity
<input type="checkbox"/>	Mon, 27 Dec	2 days	Execute midcourse correction burn (MCC1 b)
<input type="checkbox"/>	Tues, 28 Dec	3 days	Deploy forward sunshield pallet
<input type="checkbox"/>	Tues, 28 Dec	3 days	Deploy aft sunshield pallet
<input type="checkbox"/>	Wed, 29 Dec	4 days	Lift deployable tower assembly
<input type="checkbox"/>	Thur, 30 Dec	5 days	Deploy aft momentum flap
<input type="checkbox"/>	Thur, 30 Dec	5 days	Release sunshield covers
<input type="checkbox"/>	Fri, 31 Dec	6 days	Deploy sunshield mid-booms (port and starboard)
<input type="checkbox"/>	Sat, 1 Jan	7 days	Begin sunshield layer tensioning
<input type="checkbox"/>	Sun, 2 Jan	8 days	Complete sunshield layer tensioning
<input type="checkbox"/>	Tues, 4 Jan	10 days	Deploy secondary mirror
<input type="checkbox"/>	Wed, 5 Jan	11 days	Deploy aft Instrument Radiator
<input type="checkbox"/>	Thur, 6 Jan	12 days	Deploy port primary mirror wing
<input type="checkbox"/>	Fri, 7 Jan	13 days	Deploy starboard primary mirror wing
<input type="checkbox"/>	Fri, 7 Jan	13 days	Webb is fully deployed!
<input type="checkbox"/>	Sun, 9 Jan	15-24 days	Begin individual mirror segment movements
<input type="checkbox"/>	Thur, 23 Jan	29 days	Midcourse correction burn (MCC2)/L2 insertion burn
<input type="checkbox"/>	Thur, 23 Jan	29.5 days	Orbit insertion complete!

SOURCES:

<https://blogs.nasa.gov/webb/2021/12/24/key-milestones-after-liftoff/>
<https://www.planetary.org/articles/jwst-first-images>

* As of 29 December 2021