

STARSHIP LAUNCH READINESS

LAUNCH ESTIMATE -- Sept 13 - Oct 1

As of April 6 - Compiled by @GrandpaJoe42

Overall Progress >		
STAGE ZERO		COMPLETE
Fuel Farm		COMPLETE
Commodity Storage Tank Installation		10/18/2021
Cryogenic Pipe Installation and Insulation Coverings		1/25/2023
Kettle Boiler and Pump/Motor Installation		1/25/2023
Methane / Oxygen / Nitrogen / Helium Deliveries		1/25/2023
Orbital Launch Table		COMPLETE
Construct OLT		7/31/2021
Booster Quick Disconnect		6/11/2022
Nitrogen / Water - Fire Suppression System		4/29/2022
Add awning covers and side protection		2/1/2023
Flame Protection		2/1/2023
Orbital Launch Integration Tower		COMPLETE
Construct Tower		7/28/2021
Install and Test Lifting and Catching Arms (Chopsticks)		10/5/2021
Cryogenic Pipe Coverings		2/6/2022
Ship Quick Disconnect		11/24/2021
Remove Scaffolding and Construction Equipment		1/25/2023
Shielding on Tower		COMPLETE
Water Deluge		
BOOSTER		9
Booster Construction		10/30/2022
Booster Cryogenic Proof Test with Thrust Simulation (Puck Shucker x13)		12/22/2022
Add Grid Fins (4 of 4)		10/11/2022
Install Raptor Engines		7/20/2023
Transport to Launch Site		7/20/2023
Transfer to Orbital Launch Table (OLT)		7/20/2023
Wet Dress Rehearsal		7/20/2023
Booster Aerocovers		7/20/2023
Engine Protection		1/20/2023
Static Fire (31 of 33)		8/25/2023
STARSHIP		25
Ship Construction		9/21/2022
Cryogenic Proof Test		11/2/2022
Transfer to Test Stand A		10/10/2022
Cryogenic Proof Test with Thrust Simulation (Puck Shucker)		11/8/2022
Return to Build Site		11/9/2022
Install Engines		1/17/2023
Ship Finish Work / Fine Tuning / Raceway Covers		8/22/2023
Rollout to Launch Site		1/17/2023
Install Thermal Protection System (Hex Tiles)		1/17/2023
Wet Dress Rehearsal		1/23/2023
Static Fire (All)		6/26/2023
Transport to Orbital Launch Table		8/31/2023
Remove Lifting Points, Replace Tiles on Nosecone		8/30/2023
FULL STACK		25/9
Stack Starship on top of Booster using Chopsticks		8/23/2023
Integration Testing		
Wet dress rehearsal		

	APPROVALS	OFT2
100	FCC Radio Communications Approval	8/14/2023
100	County Approvals	
100	FAA Programmatic Environmental Assessment	9/8/2023
99	FAA Launch License	Pending Imminent Approval (63 items TBD)
90	Temporary Flight Restriction (TFR via NOTAM)	Posted and Cancelled
90	Coastal Restrictions (MSIB via Coast Guard) NOTMAR	Posted and Cancelled
	LAUNCH DAY	
	Flight Termination System (FTS)	Not Installed - Destack likely
	Road Closures / Beach Closures	
	Venting From the Fuel Farm	
	Flight Termination System (FTS) Armed	
	Venting from the tower	
	Venting from the Booster and Ship	
	Frost Lines forming	
	LOX Pouring from Launch Table	
	SpaceX Livestream	
	FireX Fire Suppresion System	
	Launch!	

