

Mission Timeline for Launch Sunday, Nov. 15 at 7:27:15 p.m. EST

MET	Time	Event
-7:40:00	11:47:15 AM	Crew Wake
-05:30:00	1:57:15 PM	CE Launch Readiness Briefing
-05:00:00	2:27:15 PM	Launch Shift On Console
-04:59:59	2:27:16 PM	Dragon IMU align and Configure for launch
-04:30:00	2:57:15 PM	Dragon prop pressurization
-04:15:00	3:12:15 PM	Crew weather brief
-04:05:00	3:22:15 PM	Crew handoff
-04:00:00	3:27:15 PM	Suit donning and checkouts
-03:22:00	4:05:15 PM	Crew walk out from Neil Armstrong Operations & Checkout Building
-03:15:00	4:12:15 PM	Crew Transportation to Launch Complex 39A
-02:55:00	4:32:15 PM	Crew arrives at pad
-02:35:00	4:52:15 PM	Crew ingress
-02:20:00	5:07:15 PM	Communication check
-02:15:00	5:12:15 PM	Verify ready for seat rotation
-02:14:00	5:13:15 PM	Suit leak checks
-01:55:00	5:32:15 PM	Hatch close
-01:10:00	6:17:15 PM	ISS state upload to Dragon
-00:45:00	6:42:15 PM	SpaceX Launch Director verifies go for propellant load
-00:42:00	6:45:15 PM	Crew access arm retracts
-00:37:00	6:49:15 PM	Dragon launch escape system is armed
-00:35:00	6:52:15 PM	RP-1 (rocket grade kerosene) loading begins 1st stage LOX (liquid oxygen) loading begins
-00:16:00	7:11:15 PM	2nd stage LOX loading begins
-00:07:00	7:20:15 PM	Falcon 9 begins engine chill prior to launch
-00:05:00	7:22:15 PM	Dragon transitions to internal power
-00:01:00	7:26:15 PM	Command flight computer to begin final prelaunch checks Propellant tank pressurization to flight pressure begins
-00:00:45	7:26:30 PM	SpaceX Launch Director verifies go for launch
-00:00:03	7:27:12 PM	Engine controller commands engine ignition sequence to start
+0/00:00:00	7:27:15 PM	Liftoff
+00:00:58	7:28:13 PM	Max Q (moment of peak mechanical stress on the rocket)
+00:02:37	7:29:52 PM	1st stage main engine cutoff (MECO)
+00:02:40	7:29:55 PM	1st and 2nd stages separate
+00:02:48	7:30:03 PM	2nd stage engine starts
+00:07:29	7:34:44 PM	1st stage entry burn
+00:08:50	7:36:05 PM	2nd stage engine cutoff (SECO-1)
+00:08:59	7:36:14 PM	1st stage entry burn
+00:09:29	7:36:44 PM	1st stage landing
+00:12:03	7:39:18 PM	Crew Dragon separates from 2nd stage
+00:12:48	7:40:03 PM	Dragon nosecone open sequence begins