

## OFT-2 Rendezvous Summary Timeline for Launch Tuesday, August 3

Event	GMT (DDD/HH:MM:SS)	MET (D/HH:MM:SS)	Dock (D/HH:MM:SS)	Houston (Day(MM/DD) HH:MM:SS)	Eastern (Day(MM/DD) HH:MM:SS)
Liftoff	215/17:20:18	000/00:00:00	-001/00:16:55	Tues(08/03) 12:20:18	Tues(08/03) 13:20:18
Launch Vehicle Separation	215/17:35:16	000/00:14:58	-001/00:01:57	Tues(08/03) 12:35:16	Tues(08/03) 13:35:16
Orbital Insertion burn	215/17:51:18	000/00:31:00	-000/23:45:55	Tues(08/03) 12:51:18	Tues(08/03) 13:51:18
NC (Phasing Maneuver) burn	215/18:36:00	000/01:15:42	-000/23:01:13	Tues(08/03) 13:36:00	Tues(08/03) 14:36:00
DEMO 2B: Abort burn	215/19:20:18	000/02:00:00	-000/22:16:55	Tues(08/03) 14:20:18	Tues(08/03) 15:20:18
DEMO 2A: RCS Control and LVLH Attitude Hold	215/19:50:18	000/02:30:00	-000/21:46:55	Tues(08/03) 14:50:18	Tues(08/03) 15:50:18
NHPC1 (Height Adjust/Plane Change Maneuver-1) burn	216/13:44:45	000/20:24:27	-000/03:52:28	Wed(08/04) 08:44:45	Wed(08/04) 09:44:45
NHPC2 (Height Adjust/Plane Change Maneuver-2) burn	216/14:07:20	000/20:47:02	-000/03:29:53	Wed(08/04) 09:07:20	Wed(08/04) 10:07:20
DEMO 4: Space-to-Space Commanding	216/14:15:00	000/20:54:42	-000/03:22:13	Wed(08/04) 09:15:00	Wed(08/04) 10:15:00
NSRPC (Coelliptic/Plane Change Maneuver) burn	216/14:32:43	000/21:12:25	-000/03:04:30	Wed(08/04) 09:32:43	Wed(08/04) 10:32:43
DEMO 3A: VESTA demos before TPI (Terminal Phase Rendezvous Initiation Maneuver)	216/14:49:32	000/21:29:14	-000/02:47:41	Wed(08/04) 09:49:32	Wed(08/04) 10:49:32
GO/No-GO for TPI Burn and Approach Ellipsoid entry	216/14:51:32	000/21:31:14	-000/02:45:41	Wed(08/04) 09:51:32	Wed(08/04) 10:51:32
TPI (Terminal Phase Rendezvous Initiation Maneuver) Burn	216/14:56:32	000/21:36:14	-000/02:40:41	Wed(08/04) 09:56:32	Wed(08/04) 10:56:32
DEMO 3B: VESTA demos before IF1	216/15:34:32	000/22:14:14	-000/02:02:41	Wed(08/04) 10:34:32	Wed(08/04) 11:34:32
IF1 (Inbound Flyaround Initialization Maneuver 1) Burn	216/15:41:32	000/22:21:14	-000/01:55:41	Wed(08/04) 10:41:32	Wed(08/04) 11:41:32
IF2 (Inbound Flyaround Initialization Maneuver 2) Burn	216/16:01:32	000/22:41:14	-000/01:35:41	Wed(08/04) 11:01:32	Wed(08/04) 12:01:32
ACI (Approach Corridor Initiation Maneuver) Burn	216/16:16:32	000/22:56:14	-000/01:20:41	Wed(08/04) 11:16:32	Wed(08/04) 12:16:32
DEMO 5: Corridor Hold Commanded by ISS crew at 255m	216/16:19:02	000/22:58:44	-000/01:18:11	Wed(08/04) 11:19:02	Wed(08/04) 12:19:02
Resume approach from 255m	216/16:24:02	000/23:03:44	-000/01:13:11	Wed(08/04) 11:24:02	Wed(08/04) 12:24:02
DEMO 6: Automatic Retreat to 200m	216/16:29:22	000/23:09:04	-000/01:07:51	Wed(08/04) 11:29:22	Wed(08/04) 12:29:22
DEMO 3C: VESTA demos before departing 200m	216/16:48:15	000/23:27:57	-000/00:48:58	Wed(08/04) 11:48:15	Wed(08/04) 12:48:15
Resume approach from 200m to 10m hold	216/16:54:15	000/23:33:57	-000/00:42:58	Wed(08/04) 11:54:15	Wed(08/04) 12:54:15
10m hold	216/17:24:32	001/00:04:14	-000/00:12:41	Wed(08/04) 12:24:32	Wed(08/04) 13:24:32
DEMO 3D: VESTA demos before departing 10m	216/17:32:33	001/00:12:15	-000/00:04:40	Wed(08/04) 12:32:33	Wed(08/04) 13:32:33
GO/No-GO for Final Approach	216/17:33:03	001/00:12:45	-000/00:04:10	Wed(08/04) 12:33:03	Wed(08/04) 13:33:03
FAI (Final Approach Initiation) Burn	216/17:33:33	001/00:13:15	-000/00:03:40	Wed(08/04) 12:33:33	Wed(08/04) 13:33:33
Docking	216/17:37:13	001/00:16:55	000/00:00:00	Wed(08/04) 12:37:13	Wed(08/04) 13:37:13
Docking Complete	212/17:55:36	001/00:35:18	+000/00:18:23	Wed(08/04) 12:55:36	Wed(08/04) 13:55:36

\*\*\*ALL TIMES APPROXIMATE AND SUBJECT TO CHANGE\*\*\*

