

OFT-2 Rendezvous Summary Timeline for Launch Thursday, May 19

ALL TIMES APPROXIMATE AND SUBJECT TO CHANGE

Event	GMT (DDD/HH:MM:SS)	MET (D/HH:MM:SS)	Dock (D/HH:MM:SS)	Houston HH:MM:SS)	Eastern HH:MM:SS)
Liftoff	139/22:54:45	000/00:00:00	-001/00:15:39	Thur(05/19) 17:54:45	Thur(05/19) 18:54:45
Launch Vehicle Separation	139/23:09:43	000/00:14:58	-001/00:00:41	Thur(05/19) 18:09:43	Thur(05/19) 19:09:43
Orbital Insertion burn	139/23:25:45	000/00:31:00	-000/23:44:39	Thur(05/19) 18:25:45	Thur(05/19) 19:25:45
NC (Phasing Maneuver) burn	140/00:10:34	000/01:15:49	-000/22:59:50	Thur(05/19) 19:10:34	Thur(05/19) 20:10:34
DEMO 2B: Abort burn	140/00:54:45	000/02:00:00	-000/22:15:39	Thur(05/19) 19:54:45	Thur(05/19) 20:54:45
DEMO 2A: RCS Control and LVLH Attitude Hold	140/01:24:45	000/02:30:00	-000/21:45:39	Thur(05/19) 20:24:45	Thur(05/19) 21:24:45
NHPC1 (Height Adjust/Plane Change Maneuver-1) burn	140/19:12:18	000/20:17:33	-000/03:58:06	Fri(05/20) 14:12:18	Fri(05/20) 15:12:18
NHPC2 (Height Adjust/Plane Change Maneuver-2) burn	140/19:34:52	000/20:40:07	-000/03:35:32	Fri(05/20) 14:34:52	Fri(05/20) 15:34:52
DEMO 4: Space-to-Space Commanding	140/19:39:52	000/20:45:07	-000/03:30:32	Fri(05/20) 14:39:52	Fri(05/20) 15:39:52
NSRPC (Coelliptic/Plane Change Maneuver) burn	140/20:00:22	000/21:05:37	-000/03:10:02	Fri(05/20) 15:00:22	Fri(05/20) 16:00:22
DEMO 3A: VESTA demos before TPI (Terminal Phase Rendezvous Initiation Maneuver)	140/20:17:07	000/21:22:22	-000/02:53:17	Fri(05/20) 15:17:07	Fri(05/20) 16:17:07
GO/No-GO for TPI Burn and Approach Ellipsoid entry	140/20:19:07	000/21:24:22	-000/02:51:17	Fri(05/20) 15:19:07	Fri(05/20) 16:19:07
TPI (Terminal Phase Rendezvous Initiation Maneuver) Burn	140/20:24:07	000/21:29:22	-000/02:46:17	Fri(05/20) 15:24:07	Fri(05/20) 16:24:07
DEMO 3B: VESTA demos before IF1	140/21:02:07	000/22:07:22	-000/02:08:17	Fri(05/20) 16:02:07	Fri(05/20) 17:02:07
IF1 (Inbound Flyaround Initialization Maneuver 1) Burn	140/21:09:07	000/22:14:22	-000/02:01:17	Fri(05/20) 16:09:07	Fri(05/20) 17:09:07
IF2 (Inbound Flyaround Initialization Maneuver 2) Burn	140/21:29:07	000/22:34:22	-000/01:41:17	Fri(05/20) 16:29:07	Fri(05/20) 17:29:07
ACI (Approach Corridor Initiation Maneuver) Burn	140/21:44:07	000/22:49:22	-000/01:26:17	Fri(05/20) 16:44:07	Fri(05/20) 17:44:07
DEMO 5: Corridor Hold Commanded by ISS crew at 255m	140/21:46:37	000/22:51:52	-000/01:23:47	Fri(05/20) 16:46:37	Fri(05/20) 17:46:37
Resume approach from 255m	140/21:51:37	000/22:56:52	-000/01:18:47	Fri(05/20) 16:51:37	Fri(05/20) 17:51:37
DEMO 6: Automatic Retreat to 200m	140/21:56:57	000/23:02:12	-000/01:13:27	Fri(05/20) 16:56:57	Fri(05/20) 17:56:57
DEMO 3C: VESTA demos before departing 200m	140/22:03:27	000/23:08:42	-000/01:06:57	Fri(05/20) 17:03:27	Fri(05/20) 18:03:27
Resume approach from 200m to 10m hold	140/22:09:27	000/23:14:42	-000/01:00:57	Fri(05/20) 17:09:27	Fri(05/20) 18:09:27
10m hold	140/22:57:43	001/00:02:58	-000/00:12:41	Fri(05/20) 17:57:43	Fri(05/20) 18:57:43
DEMO 3D: VESTA demos before departing 10m	140/23:05:44	001/00:10:59	-000/00:04:40	Fri(05/20) 18:05:44	Fri(05/20) 19:05:44
GO/No-GO for Final Approach	140/23:06:14	001/00:11:29	-000/00:04:10	Fri(05/20) 18:06:14	Fri(05/20) 19:06:14
FAI (Final Approach Initiation) Burn	140/23:06:44	001/00:11:59	-000/00:03:40	Fri(05/20) 18:06:44	Fri(05/20) 19:06:44
Docking	140/23:10:24	001/00:15:39	000/00:00:00	Fri(05/20) 18:10:24	Fri(05/20) 19:10:24