

15C1C Accommodating Commercial Space Transportation into the NAS

Description

Safely and efficiently integrate new types of operations, such as commercial space and unmanned aircraft, into the NAS and enable the benefits these operations will provide.

Special Designations: OSI, FAA Strategic Initiatives

Commentary (June 2015)

Work is ongoing on the planned operational demonstration to be conducted at the Command Center before the end of FY15. Failure of CRS7 launch has slipped targeting of SpaceX Dragon reentry to later this year. Accomplishments: System distributed to Command Center and HQ. Shakedown of distributed hardware components and software application completed successfully.

Challenges: Working with vehicle operator to receive additional data for testing based on recent launch failure.

Next steps: Additional system testing and training. Identifying proof-of-concept requirements.

Accomplishments: Completed SpaceX Falcon 9 CRS7 launch operational support.

Challenges: None.

Next steps: Planning for next SpaceX Falcon 9 launch. Continue to support development of Joint Space Operations Group procedures document.

Commentary (May 2015)

Work is ongoing on the planned operational demonstration to be conducted at the Command Center before the end of FY15. Targeting SpaceX Dragon CRS7 reentry in late July/early August. Accomplishments: System shakedown of hardware components and software application completed successfully at Tech Center.

Challenges: Working with vehicle operator to receive additional data for testing.

Next steps: Addressing results of hardware/software security scans and logistics of shipping hardware to Command Center and HQ. Plan to ship hardware during week of 6/15, followed by additional system testing during weeks of 6/22 and 6/29.

Continuing to support ongoing missions, capturing lessons learned and procedures updates with each operation.

Accomplishments: Completed SpaceX Falcon 9 CRS6 launch and Dragon CR6 reentry operational support. Conducting preparation activities for upcoming SpaceX Falcon 9 CRS7 launch.

Challenges: None.

Next steps: Planning for SpaceX Falcon 9 CRS7 launch. Continue to support development of Joint Space Operations Group procedures document.

Status Table (Calculated Rollup Metric)

Period	Target	Actual	Status
10/2014	1	1	[Green]
11/2014	1	1	Green
12/2014	1	1	Green
01/2015	1	1	Green
02/2015	1	1	Green
03/2015	1	1	Green
04/2015	1	0.8333	Green
05/2015	1	1	Green
06/2015	1	1	Green

✓ Indicates that the item is complete.