16S.74A Hazard Risk Mitigations

Description

Implement 80% of approved interventions to mitigate the top five (5) hazards associated with airborne losses of separation.

Special Designations: OSI, Agency Priority Goals, DOT Goals, STI

Commentary (July 2016)

As of July 27, 14 of 26 actions are complete (53 percent). Two actions remain overdue, but both have action plans in place to be completed by the end of August. The actions closed in July were:

1. Loss of Wake Separation, Activity 3: 84 percent of field personnel have completed Instructor-Led Recurrent Training, which included topics on wake separation.
2. Tower Visual Scanning, Activity 3: Conduct low-fidelity research to test aspects of the techniques identified in Activity 1and produce a test report.

Commentary (June 2016)

As of June 30, 12 of 26 actions are complete (46 percent). Two actions are overdue, but both are making good progress to be completed by the end of August. At least two additional activities should be completed by the end of July. The following three actions that were completed in June were:

1. Helicopter Operations, Activity 1"Develop materials to support July 2016 recurrent training to ensure helicopter characteristics and capabilities for controller awareness are included."
2. Wake Encounter, Activity 2,"Pending outcome of Activity 1a, develop a software modification to ERAM requiring that the data block indicate heavy or super Wake Encounter, Activity 3 "
3. Explore the feasibility, including a cost analysis, of developing an advisory system using a system such as Conflict Probe to assist with climb/descend clearances such that wake encounter is mitigated. If the capability is feasible, develop a draft Functional Description Narrative (FDN). Otherwise, document the rationale for not pursuing this mitigation via a white paper. Work with the ATO Operational Concepts Group, AJV-72, as applicable. (This would provide an automated cautionary advisory for climbing and descending through possible wake."

Status Table (Calculated Rollup Metric)

Period	Target	Actual	Status
10/2015	80%	0%	Green
11/2015	80%	0%	Green
12/2015	80%	0%	Green
01/2016	80%	8%	Green
02/2016	80%	12%	Green
03/2016	80%	23%	Green
04/2016	80%	23%	Green

05/2016	80%	34%	Green
06/2016	80%	46%	Green
07/2016	80%	53%	Green

✓ Indicates that the item is complete.