

Tech Ops Safety Action Program (T-SAP)

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T-SAP Advisory: TSAP-14-006		Email Subscribe Unsubscribe Print	
Status: Active		Effective Date: 08/22/2014	
Facility Information			
NAS Category:	Equipment:	Locations:	Fac ID Code:
NAVIGATION	GS	ALL	14JA, 14JB, 14JC, 14JD, 14JE, 14JF, 14JG
Event Information			
Title:	Glide Slope Work Platforms		
Problem:	The Mark 20A (MK20A) Glide Slope (GS) tower ladders were funded through a NAS Implementation Team project with the goal of bringing the towers into compliance with Occupational Safety and Health Administration (OSHA) standards. An optional part of the project was to install work platforms, NSN 8200-00-003-0050-1. The contractor, Parsons, under the T4 contract (DTFAWA-12-C-00064), was tasked to retrofit the GS towers with a work platform inside of the tower frame. The work platforms were designed to provide specialists a flat place to stand while working on the antennas. The problem with installing the work platform is the routing of the one inch antenna conduit on the inside of the tower frame at some locations. The one inch antenna conduit distributes electrical power for obstruction lights and antenna heaters.		
Symptom:	Research revealed that not all facilities with MK20A GS towers want to modify existing towers with work platforms, opting not to install them. Meanwhile, other facilities find the platforms provide a safer work environment when performing antenna maintenance, but have not been able to install them due to the existing tower design.		
Solution:	The Western Service Area (WSA) has developed a standard operating procedure (Fall Protection Upgrade Installations at Glide Slopes) to resolve the antenna conduit issue by providing a safe way to install the work platforms. Use of this procedure has been successful at many sites within WSA, and was approved by the manufacturer's engineering group.		
Remarks:	The standard operating procedure is attached to this T-SAP Advisory. The POCs for Fall Protection Upgrade Installations at Glide Slopes are the Technical Services Operations Group (TSOG) Managers for each of the Service Areas.		
	<p>Western Service Area Susy Medina E-mail: susy.medina@faa.gov Tel: (425) 227-2388</p> <p>Central Service Area Noel Cavazos E-mail: noel.cavazos@faa.gov Tel: (817) 222-4006</p> <p>Eastern Service Area Kyle Evans E-mail: kyle.evans@faa.gov Tel: (404) 305-6371</p>		
POC Information	Email	Title	Phone
Technical POC1:			
Technical POC2:			
Supply POC:			
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