



Navy Mishap Prevention and Hazard Abatement (MP/HA) Program

MP/HA Program



MP/HA Program Purpose

- To contribute to a safe work environment for the Navy's Total Force by eliminating or controlling qualified hazards.

MP/HA Program Objectives

- Correct hazards beyond funding capability of local commanders
- Protect life not property
- Address emerging high risk problems
- Educate Navy on Mishap Prevention
- Provide 32-hr Navy Ergonomics Program Course (5-9 annually)
- Address Navy-wide issues (economy of scale)

MP/HA Program



MP/HA Program primary focus:

- Falls from heights
- Ergonomics Operations/Processes
- Electrical

Possible Sites



<p>NORTHWEST</p> <ul style="list-style-type: none"> NAS Whidbey Island, WA NAVSTA Everett, WA NAVSTA Everett, WA NSB Bangor, WA <p>SOUTHWEST</p> <ul style="list-style-type: none"> NAF El Centro, CA NAS Fallon, CA NAS Lemoore, CA Naval Base Coronado, CA NAS North Island NAF San Clemente Island NAF Point Mugu Naval Base San Diego, CA NAVSTA San Diego Broadway Complex Naval Base Pt. Loma, CA SUBASE San Diego NIWC, CA NAS Point Mugu CBG Port Huamame NWS Seal Beach, CA Fallbrook Det. Concord Det. San Diego Det. <p>PACFLT</p> <ul style="list-style-type: none"> Hawaii <ul style="list-style-type: none"> NAVSTA Pearl Harbor PMRF Barking Sands NCIC Pacific Pearl Harbor NSY Guam <ul style="list-style-type: none"> Naval Forces Marianas Japan <ul style="list-style-type: none"> Fleet Activities Yokosuka Fleet Activities Sasebo Fleet Activities Okinawa NAF Atsugi NAF Misawa NSF Diego Garcia Korea <ul style="list-style-type: none"> Fleet Activities Chinhae Singapore <ul style="list-style-type: none"> NR Contracting Center 	<p>MID-ATLANTIC</p> <ul style="list-style-type: none"> NAS Oceana, VA FOTICLANT Dam Neck, VA NAVPHB Base Little Creek, VA NAVSTA Norfolk, VA NSA Norfolk, VA NWS Yorktown, VA NSA Jacksonville, FL NAS Keflavik, IC <p>SOUTHEAST</p> <ul style="list-style-type: none"> NAS Jacksonville, FL NAVSTA Mayport, FL NAF Key West, FL NAVSTA Pascagoula, MS CBG Gulfport, MS WPINETA Charleston, SC SUBASE Kings Bay, GA NAVSTA Guantanamo Bay, Cuba NAVSTA Roosevelt Roads <p>NAVEUR</p> <ul style="list-style-type: none"> COMNAVACT UK NAVSUPACT Naples, Italy NAF Middenhall, UK NAVSUPACT Souda Bay, Greece JMF St. Margan, UK NAVSUPACT Gaeta NAS Sposetale Sicily NAVSTA Rota, SP NAVSUPACT La Maddalena, Italy <p>RESFOR</p> <ul style="list-style-type: none"> NAS JRB New Orleans, LA NSA New Orleans, LA NAS Atlanta, GA NAS JRB Base Fort Worth, TX NAS JRB Willow Grove, PA 	<p>GNET</p> <ul style="list-style-type: none"> NAS Corpus Christi, TX NAVSCICG, Athens, GA NAVSTA Ingleside, TX NAVSTA Great Lakes, IL NTC Great Lakes, IL NAS Kingsville, GA NAS Pensacola, FL NAS Whiting Field, TX NAS Meridian, MD NSU Saratoga Springs, NY <p>NAVAIR</p> <ul style="list-style-type: none"> NAES Lakehurst, PA NAS Patuxent River, MD NAWG China Lake, CA NAWG Orlando, FL <p>NAVSEA</p> <ul style="list-style-type: none"> NSWC Crane, IN NSWC Dahlgren, VA NSWC Carderock, MD NSWC Indian Head, MD NSCW Corona, CA NSWC CSS Panama City, FL NSWC SSES, Philadelphia, PA NIWC, Keyport, VA NIUMC Det AUTEC, FL SCSC Wallops Island, VA SCSC Wallops Island, VA NSY Puget Sound, WA NSY Norfolk, VA NSY Portsmouth, NH <p>ONR</p> <ul style="list-style-type: none"> Naval Research Laboratory, DC 	<p>CNO</p> <ul style="list-style-type: none"> NAVSTA Annapolis, MD U.S. Naval Academy, MD NSA Washington, WA NAF Washington, WA NAC (JFSC), VA NPS Monterey, CA NSA Mid South, TN NSA Bahrain, Bahrain <p>COMUS MERCHANTS</p> <p>Tenants</p> <ul style="list-style-type: none"> Cherry Point, NC Jacksonville, FL Lemoore, CA Oak Harbor, WA Pensacola, FL Twenty-nine Palms, CA Camp Lejeune, NC Charleston, SC <p>COMUS HOSPITALS</p> <p>Stand-alone</p> <ul style="list-style-type: none"> Guam Rota, Spain <p>Tenants</p> <ul style="list-style-type: none"> Guantanamo Bay, Cuba Keflavik, Iceland Naples, Italy Okinawa, Japan Roosevelt Roads, PR Sporiella, Italy Yokosuka, Japan
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SH-60 Unprotected engine maintenance



5

After install SH-60 engine maintenance with stand



6

Pearl Harbor "Post and Chain" guardrails



7

Install of OSHA compliant guardrails



8

MP/HA Program



The MP/HA program provided these fall protection solutions



9

Before MP/HA Project



Recycle center paper sorting process



[Recycle Center](#)
[Naval Base Kitsap \(NBK\), Bangor WA](#)

10

After MP/HA Project



Recycle center paper sorting process, after the HA project

11

Before HA Project Sail Loft



PROBLEM: Sailors were working in awkward back, hand, and neck postures at the sewing stations. The height and depth of the webbing tables forced the sailors to assume awkward back postures (forward flexion) and extended reaches while standing on hard surfaces. Two sailors had to reach overhead to retrieve bolts of fabric 60 to 100 lbs.

CORRECTIVE ACTION: Enlarged the sewing station and provided table lifters to readjust the sewing workstation which reduced most of the awkward postures. Task lighting and adj seating was also provided. Custom designed and built a vertical support frame (or fixture) for the webbing to hold the fabric and reposition the work piece to best suite the area being worked upon. Provided a mechanical assist for fabric bolts to reduce manual handling and lifting.

12

After HA Project Sail Loft



10% production rate increase

ROI 149 days



Vertical storage system for bolts of fabric eliminates lifting above shoulders or below knees, delivers product at elbow height and saves storage space



Custom fabricated fixture allows neutral postures when weaving netting



Sewing workstations have larger cutouts, task lighting and new seating

13

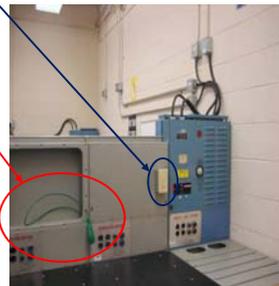
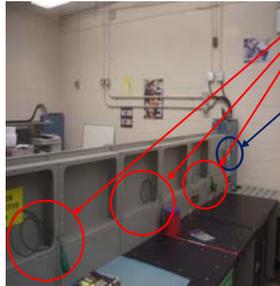
MP/HA Program



The MP/HA program provided these electrical solutions



Workbench wiring was gutted and benches were rewired to meet NAVAIR / SPAWAR / NEC requirements including ground safety straps, GFCI protection and correct color coding.



14