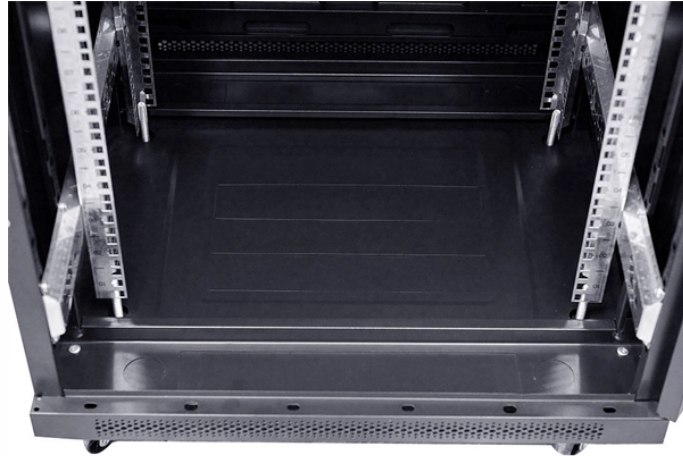


## Air Force needs to repair fiber optic cables



### Overview

This standard practice provides detailed information and guidance to personnel concerned with ensuring standardization of fiber optic cable topologies (optical fiber cabling and associated components) on military mobile vehicles used in air, land, and sea. This standard practice provides detailed information and guidance to personnel concerned with ensuring standardization of fiber optic cable topologies (optical fiber cabling and associated components) on military mobile vehicles used in air, land, and sea. Tech. Harvey, 309th Expeditionary Depot Maintenance avionics technician, performs a fiber optic fusion splice repair on an F-35A Lightning II at Hill Air Force Base, Utah, Sept. The Air Force Sustainment Center and Air Force Research Laboratory worked with the 309th Aircraft Battle. Effective communication is vital to any mission's success, so it's essential we have the means to do so. It's the job of Cable and Antenna Operations specialists to ensure that all cable and wireless systems are installed and maintained. From Local Area Networks (LANs) and Wide Area Networks (WANs). But one of the most important tools Richardson mentioned is a group of maintenance experts who can be dispatched around the world to perform heavy-duty repairs on

aircraft that have sustained massive battle damage. There are only about 150 of them in the entire Air Force, but Aircraft Battle Damage. Cable and Antenna Systems specialists provide command and control (C2) capabilities through installation, maintenance, fault isolation, and reconstitution of fixed cable and wireless distribution systems, local area networks (LAN), and wide area networks (WAN) in support of tactical and strategic. This Department of Defense Standard Practice is approved for use by the DLA Land and Maritime Columbus, Defense Logistics Agency, and is available for use by all Departments and Agencies of the Department of Defense. Many agencies add documentation later or require FOIA requests.

## Air Force needs to repair fiber optic cables



Joint Fiber Optic Working Group (JFOWG) – Mark Beranek (NAWCAD) described the JFOWG mission to provide a forum dedicated to standardization and commonality of fiber optic systems across DoD ...



Supply of fiber optic cables. Rebuild the interconnecting cable sets inside this test bench, and the 580th needs a contractor to build the four (4) fiber optic cables.



The Department of the Air Force Air Mobility Command, through the 763d Enterprise Sourcing Squadron, is soliciting proposals for the installation of electrical and fiber optic lines in Building 560 at ...



“Fusion splicing could be a very viable solution for fiber optic repair for aircraft battle damage, and eventually at the field level.” The small size of the fusion head used for the test allows it to go ...



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Locates, repairs, and replaces faulty closures in copper core, waveguide, coaxial, and fiber optic cable systems. Performs pneumatic troubleshooting to locate faulty splice closures and demivalve ...



Join the U.S. Air Force as a Cable and Antenna Defense Operations Specialist and take your career to new heights. Expert training and exciting challenges await.



The contractor shall provide all personnel, equipment, tools, materials, supervision, and quality control necessary, to perform Building 5 Fiber Optic Cable Repair Services, as defined in this PWS.



At the Department of Defense Maintenance Symposium last year, a group of ABDR Airmen won the People's Choice Award for the DOD Maintenance Innovation Challenge, for their ...

## Contact Us

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