|  |  |
| --- | --- |
| PO 001 - Maintain Electrical Cables | EO 001.01 – Adhere to ElectricalSafety Precautions |
| EO 001.02 - Test Cables and Cords |
| EO 001.03 - Repair Electrical Cablesand Cords |
| EO 001.04 - Employ Basic SolderingTechniques |
| PO 002 - Maintain Electrical Motors | EO 002.01 - Explain DC Theory |
| EO 002.02 - Explain AC Theory |
| EO 002.03 - Maintain Electric DCMotors  |
| EO 002.04 - Maintain Electric ACMotors  |
| ~~EO 002.05 - Maintain Power Tools~~  **Remove** |
| PO 003 - Maintain Electronic Controllers | EO 003.01 - Explain Solid StateDevices |
| EO 003.02 - Explain ElectronicController |
| EO 003.03 - Explain NetworkingSystems |
| PO 004 - Maintain Shelter Electrical | EO 004.01 - Maintain Power Supplies |
| EO 004.02 - Maintain Batteries |
| EO 004.03 - Maintain SEV PowerDistribution |
| ~~EO 004.04 - Maintain Battery Charger~~ **Remove** |
| PO 005 - Maintain Generator ElectricalSystems | EO 005.01 - Explain DC GeneratorTheory |
| EO 005.02 - Explain AC Generator Theory |
| ~~EO 005.03 - Maintain Basic AC Generator~~ **Remove** |
| EO 005.04 - Maintain Tactical Field Generators  |
| PO 006 - Maintain Field Power Distribution | EO 006.01 - Plan Power Distribution |
| EO 006.02 - Setup Field PowerDistribution |
| EO 006.03 - Perform PowerDistribution Inspections |
| PO 007 - Maintain Mechanical Instruments\*\* Make M777 an OSS course, the vast majority of techs are not posted to gun units, so there will likely be skill fade over time | EO 007.01 - Maintain RadioactiveEquipment |
| EO 007.02 - Maintain MagneticCompasses |
| EO 007.03 - Employ Basic Tests andAdjustments on Quadrants |
| EO 007.04 - Setup Howitzer \*\* |
| EO 007.05 - Identify Howitzer MajorComponents and Tools \*\* |
| EO 007.06 - Setup Howitzer for OFCMaintenance \*\* |
| EO 007.07 - Perform 1st LineMaintenance on Mounts andQuadrants |
| EO 007.08 - Perform 2nd LineMaintenance on Mounts andQuadrants |
| PO 008 - Maintain Optical Systems | EO 008.01 - Explain Optical Theory |
| EO 008.02 - Setup Optical TestEquipment |
| EO 008.03 - Maintain Telescopes |
| PO 009 - Maintain Night Vision Devices | EO 009.01 - Maintain Night Sighting Devices  |
| EO 009.02 - Maintain Night Observation Devices  |
| PO 010 - Maintain Detection Devices | ~~EO 010.01 - Maintain Mine Detection Devices~~ **Remove** |
| PO 011 - Maintain AFV Electronic-OptronicSystems | EO 011.01 - Setup AFV for Inspection |
| EO 011.02 - Maintain AFV Electrical |
| EO 011.03 - Maintain AFV TurretElectrical Components |
| EO 011.04 - Maintain Laser Devices |
| ~~EO 011.05 - Maintain Thermal~~ **Remove**~~Observation Equipment \*\*~~ |
| EO 011.06 - Maintain AFV Day/ NightSighting Systems |
| EO 011.07 - Boresight AFV SightingSystems |
| EO 011.08 - Perform AFV SightingSystems Phasing and SynchronizationAlignments |
| EO 011.09 - Perform TurretCalibrations |
| PO 012 - Maintain AFV NavigationalSystems | EO 012.01 - Operate GPS Receiver |
| EO 012.02 - Maintain AFV NavigationSystems |
| PO 013 - Maintain Surveillance Systems | EO 013.01 - Set up SurveillanceSystems |
| EO 013.02 - Maintain SurveillanceSystems |
| PO 014 - Maintain Electronic Systems | EO 014.01 - Maintain Printed Circuit Boards |
| EO 014.02 - Maintain ElectronicSystems |
| EO 014.03 - Maintain C16 AGLS (CASW)  |
| PO 015 - Align/ Harmonize InertialNavigational Systems\*\* Make/Revert M777 to an SS course | EO 015.01 - Explain the Theory ofOperation for the Gun ManagementSystem (GMS) \*\* |
| EO 015.02 - Perform Harmonization onGun Management systems (GMS) \*\* |