

Individual Critical Task List

13J Fire Control Specialist - SL10
Enlisted, MOS: 13J, Skill Level: SL1

Approved
03 Nov 2022

Effective Date: 03 Nov 2022

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Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the USAFCE G32 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Target Audience: The Skill Level 10 Fire Control Specialist serves as a member of a Fire Control/Fire Support section across multiple weapon systems and formations. Duties include primary tactical data system operations, basic communications, database management, fire mission processing, meteorological data processing, establishing and maintaining fire support and maneuver coordination measures, and performing operator and unit level maintenance on primary automation tools and section equipment.

Total Number of Tasks: 69

- **Training Domain/Location Column** – identifies the training location and the Leadership Domain (Institutional, Operational, or Self-Development) where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word “OP” will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (S-D, INST), the resident course where the task was taught.
- **Sustainment Training Frequency Column** – indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency.
- **Sustainment Training Skill Level Column** – lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier’s manual standards.

Task Number	Task Title	Training Domain / Location	Sust Tng Freq	Sust Tng Sl
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Subject Area 1. Advanced Field Artillery Tactical Data System (AFATDS) Operations

061-300-1001	Install Software on an AFATDS	OP	AN	SL 1-4
061-300-1002	Initialize an AFATDS	AIT	AN	SL 1-4
061-300-1004	Establish an AFATDS Communications Configuration	AIT	AN	SL 1-4
061-300-1005	Maintain Unit Data in an AFATDS	AIT	AN	SL 1-4
061-300-1008	Establish Data Distribution Criteria in an AFATDS	AIT	AN	SL 1-4
061-300-1009	Input Commander's Guidance to an AFATDS	AIT	AN	SL 1-4
061-300-1010	Establish Fire Mission Processing Preferences in an AFATDS	AIT	AN	SL 1-4
061-300-1011	Input Target Information to an AFATDS	AIT	AN	SL 1-4
061-300-1012	Update Map Settings in an AFATDS	AIT	AN	SL 1-4
061-300-1015	Process a Received Guidance in an AFATDS	AIT	AN	SL 1-4
061-300-1017	Input Muzzle Velocity Information to an AFATDS	AIT	AN	SL 1-4
061-300-1019	Manage Meteorological (MET) Data in an AFATDS	AIT	SA	SL 1-4
061-300-1022	Install Digital Maps in an AFATDS	OP	SA	SL 1-4
061-300-1024	Manage Geometry Data in an AFATDS	AIT	SA	SL 1-4
061-300-1025	Maintain Target Lists in an AFATDS	AIT	SA	SL 1-4
061-300-1026	Input a Cannon Unit to an AFATDS	AIT	SA	SI 1-4
061-300-1027	Input a Rocket Unit to an AFATDS	AIT	SA	SL 1-4
061-300-1028	Input an Observer Unit to an AFATDS	AIT	SA	SL 1-4
061-300-1029	Input a Radar/Sensor Unit to an AFATDS	AIT	SA	SL 1-4
061-300-1030	Send Unit Status in an AFATDS	AIT	SA	SL 1-4
061-300-1032	Process a Fire Mission in an AFATDS	AIT	QT	SL 1-4
061-300-1036	Establish a 188-220C Network in an AFATDS	AIT	QT	SL 1-4
061-300-1037	Establish an INC 188-220 Network in an AFATDS	AIT	QT	SL 1-4
061-300-1038	Manage a Network in an AFATDS	AIT	QT	SL 1-4
061-300-1039	Designate a Network to a Communication Device in an AFATDS	AIT	QT	SL 1-4
061-300-1040	Process a Fire Mission for a Cannon Unit in an AFATDS	AIT	QT	SL 1-4
061-300-1041	Process a Fire Mission for a Rocket/Missile Unit in an AFATDS	AIT	QT	SL 1-4
061-300-1042	Perform the Backup Database Function in an AFATDS	AIT	SA	SL 1-4
061-300-1043	Restore Database in an AFATDS	AIT	SA	SL 1-4
061-300-1044	Input Airspace Coordination Measures (ACM) Guidances to an AFATDS	AIT	SA	SL 1-4
061-300-1045	Input Pasquill Data to an AFATDS	OP	SA	SL 1-4
061-300-1046	Process a Shift Mission in an AFATDS	AIT	QT	SL 1-4

061-300-1047	Process a Polar/Laser Mission in an AFATDS	AIT	QT	SL 1-4
061-300-1048	Process a Multiple Precision Aimpoint Mission (MPAM) in an AFATDS	AIT	SA	SL 1-4
061-300-1049	Process a Precision Guided Munitions (PGM) Fire Mission in an AFATDS	AIT	QT	SL 1-4
061-300-1050	Establish a Final Protective Fires (FPF) Mission in an AFATDS	OP	SA	SL 1-4
061-300-1051	Install the Joint Master Unit List (JMUL) in an AFATDS	OP	SA	SL 1-4
061-300-1052	Establish an Artillery Systems Cooperation Activities (ASCA) North Atlantic Treaty Organization (NATO) Network in an AFATDS	OP	AN	SL 1-4
061-300-1053	Establish an Artillery Systems Cooperation Activities (ASCA) 188-220C Network in an AFATDS	OP	AN	SL 1-4
061-300-1054	Process a Coordinated Illumination Mission in an AFATDS	OP	QT	SL 1-4
061-300-1055	Process a Continuous Illumination Mission in an AFATDS	OP	QT	SL 1-4
061-300-1056	Process an Immediate Smoke Mission in an AFATDS	OP	QT	SL 1-4
061-300-1057	Process an Immediate Suppression Mission in an AFATDS	OP	QT	SL 1-4
061-300-1058	Process a Quick Smoke Mission in an AFATDS	OP	QT	SL 1-4
061-300-1059	Process a Family of Scatterable Mines (FASCAM) Mission in an AFATDS	OP	QT	SL 1-4
061-300-1060	Process an Excalibur Mission in an AFATDS	OP	QT	SL 1-4
061-300-1061	Process a Precision Guided Missile (PGM) Priority Fire Mission in an AFATDS	OP	QT	SL 1-4
061-300-1062	Process an Army Tactical Missile System (ATACMS) Anti Personnel/Anti-Materiel (APAM) Mission in an AFATDS	OP	QT	SL 1-4
061-300-1065	Process a Dual-Purpose Improved Conventional Munition (DPICM) Mission in an AFATDS	OP	QT	SL 1-4

Subject Area 2. CENTAUR (SL1)

061-308-1000	Install CENTAUR Software	OP	AN	SL1-4
061-308-1002	Process a Fire Mission with CENTAUR	OP	QT	SL 1-4

Subject Area 3. Communications

061-275-1003	Troubleshoot Voice Communications	OP	QT	SL 1-4
061-275-1004	Configure Radio to Transmit Digital Data	OP	QT	SL 1-4
061-275-8004	Operate SINGARS-Advanced System Improvement Program (ASIP) with VIC-3	AIT	QT	SL 1-4
113-000-1017	Communicate in a Radio Net	AIT	QT	SL 1-4
113-25U-9051	Install Antenna Group OE-254	AIT	QT	SL 1-4
113-620-2051	Operate AN/PRC-150 Radio Set	AIT	QT	1-4
113-COM-1016	Operate Simple Key Loader (SKL) AN/PYQ-10	AIT	QT	SL 1-4

Subject Area 4. Manual Technical Fire Control Procedures (SL1)

061-280-1002	Construct a Surveyed Firing Chart	AIT	MO	SL 1-4
061-280-1003	Determine Chart Data Using a Surveyed Firing Chart	AIT	MO	SL 1-4
061-280-1004	Apply a Graphical Firing Table (GFT) Setting on the GFT	AIT	MO	SL 1-4
061-280-1005	Determine Firing Information using the Tabular Firing Table (TFT)	AIT	QT	SL 1-4
061-280-1007	Compute Firing Data on the Record of Fire (DA Form 4504)	AIT	MO	SL 1-4
061-280-1008	Record Firing Data on the Multiple Launch Rocket System (MLRS) Fire Direction Center (FDC) Fire Mission Log (DA FORM 7232)	AIT	MO	SL 1-4
061-280-1009	Extract Firing Information using the Graphical Firing Table (GFT)	AIT	MO	SL 1-4
061-280-1011	Plot a Target by Shift from a Known Point	AIT	MO	SL 1-4
061-280-1012	Extract Firing Information using the Graphical Site Table (GST)	AIT	MO	SL 1-4
061-280-1013	Determine Site Using Manual Computations	AIT	MO	SL 1-4
061-280-1014	Determine High Angle Site Using the 10-Mil Site Factor	AIT	MO	SL 1-4