

Individual Critical Task List

74A, Officer- Second Lieutenant (2LT), v25.1
Officer, AOC: 74A, Rank: 2LT

Approved
16 Jun 2025

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Target Audience: Active Component or Reserve Component Lieutenants assigned or under orders to a 74A CBRN Officer position.

Total Number of Tasks: 80

- **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. Unassigned

031-74D-1015	Conduct Operator Wipe Down Using the M100 Sorbent Decontamination System (SDS)	OP	SA	2LT-1LT
031-74D-1016	Detect Chemical Agent Vapors Using the Improved Chemical-Agent Monitor (ICAM)	S-D	AN	2LT-1LT
031-74D-1017	Emplace a Chemical Agent Alarm	INST	SA	2LT-1LT
031-74D-1019	Detect Chemical Warfare Agents Vapors Using the Joint Chemical Agent Detector (JCAD)	INST	SA	2LT-1LT
031-74D-1020	Decontaminate Equipment With the M26 Decontamination Apparatus	INST	SA	2LT-1LT
031-74D-1021	Report Chemical Reconnaissance Data With A CBRN 4 Chemical Report	INST	SA	2LT-1LT
031-74D-1022	Report Biological Reconnaissance Data With A CBRN 4 Biological Report	INST	SA	2LT-1LT
031-74D-1023	Report Radiological Reconnaissance Data With A CBRN 4 Radiological Report	INST	SA	2LT-1LT
031-74D-1024	Report Nuclear Reconnaissance Data With A CBRN 4 Nuclear Report	INST	SA	2LT-1LT
031-74D-1025	Locate Radiological Contamination with an AN/PDR-77 Radiac Set	INST	AN	2LT-1LT
031-74D-1026	Detect Neutron/Gamma Radiation Dose and Gamma Radiation Dose Rate with an AN/UDR-13/14 Radiac Set	INST	AN	2LT-1LT
031-74D-1027	Locate Radiological Contamination with an AN/VDR-2 Radiac Set	INST	SA	2LT-1LT
031-74D-1032	Report a Chemical Incident Using a CBRN 1 Report	INST	SA	2LT-1LT
031-74D-1033	Report a Biological Incident Using a CBRN 1 Report	INST	SA	2LT-1LT
031-74D-1034	Report a Nuclear Incident Using a CBRN 1 Report	INST	SA	2LT-1LT
031-74D-1035	Report a Radiological Incident Using a CBRN 1 Report	INST	SA	2LT-1LT
031-74D-1036	Interpret a Chemical Downwind Message (CDM)	INST	QT	2LT-1LT
031-74D-1037	Interpret an Effective Downwind Hazard Message	INST	SA	2LT-1LT
031-74D-1040	Detect Hazardous Vapors, Explosive Limits, and Oxygen Levels With the MultiRAE® Pro	INST	AN	2LT-1LT
031-74D-1041	Identify Solid and Liquid Chemical Threats With the First Defender (Raman)	INST	SA	2LT-1LT

031-74D-1042	Detect Radionuclides With the IdentiFINDER	INST	SA	2LT-1LT
031-74D-1043	Identify Components of an Improvised Chemical or Biological (CB) Weapons Lab	INST	QT	2LT-1LT
031-74D-1044	Conduct a CBRN Dismounted Surveillance Mission	INST	QT	2LT-1LT
031-74D-1047	Decontaminate Vehicles or Terrain With a M12A1 Power-Driven Decontaminating Apparatus (PDDA)	INST	AN	2LT-1LT
031-74D-1051	Identify Components of Chemical or Biological (CB) Production Facilities	INST	AN	2LT-1LT
031-74D-1057	Operate the Trudefender Fourier Transform (FT) Spectrometer	INST	SA	2LT-1LT
031-74D-1075	Identify Materials Capable of Shielding Radiation	INST	QT	2LT-1LT
031-74D-2012	Organize Operational Decontamination	OP	QT	2LT-1LT
031-74D-2019	Determine Decontaminant for Chemical Warfare Agents	INST	SA	2LT-1LT
031-74D-2020	Conduct a Radiological Survey	OP	QT	2LT-1LT
031-74D-2023	Plan CBRN Survey	OP	QT	2LT-1LT
031-74D-2028	Plot a CBRN 5 Chemical Report	INST	QT	2LT-1LT
031-74D-2029	Plot a CBRN 5 Biological Report	INST	QT	2LT-1LT
031-74D-2030	Plot a CBRN 5 Radiological Report	INST	QT	2LT-1LT
031-74D-2031	Plot a CBRN 5 Nuclear Report	INST	QT	2LT-1LT
031-74D-2032	Apply Protective Measures for Friendly Troops in a STRIKWARN Area	INST	SA	2LT-1LT
031-74D-2055	Test Water for Chemical Agents Using the M272 Water Test Kit	S-D	AN	2LT-1LT
031-74D-3008	Identify Safety and Emergency Procedures for Personnel Working in Chemical Protective Clothing (CPC)	OP	SA	2LT-1LT
031-74D-3012	Plan Decontamination Operations	INST	QT	2LT-1LT
031-74D-3014	Calculate Shielded Radiation Dose-Rates	INST	QT	2LT-1LT
031-74D-3015	Prepare a Simplified Fallout Prediction	INST	QT	2LT-1LT
031-74D-3016	Determine Radiation Decay Factors	INST	QT	2LT-1LT
031-74D-3017	Calculate Time of Entry (TE) / Time of Stay (TS) for Fallout Areas	INST	QT	2LT-1LT
031-74D-3018	Calculate Optimum Time of Exit from Fallout Areas	INST	QT	2LT-1LT
031-74D-3019	Compute Total Dose for Fallout Area	INST	QT	2LT-1LT
031-74D-3020	Determine the Route of Least Radiation Exposure through a Fallout Area	INST	QT	2LT-1LT
031-74D-3021	Calculate Neutron-Induced Radiation Hazards	INST	QT	2LT-1LT
031-74D-3052	Notify Units of Expected Contamination with a CBRN 3 Simplified Chemical Hazard Prediction	INST	AN	2LT-1LT
031-74D-3054	Assess Unit CBRN Training Requirements	INST	SA	2LT-1LT
031-74D-3055	Conduct a CBRN Dismounted Reconnaissance Initial Area Assessment	INST	QT	2LT-1LT

031-74D-3056	Direct a CBRN Dismounted Reconnaissance Survey	INST	QT	2LT-1LT
031-74D-3057	Organize Detailed Troop Decontamination	INST	SA	2LT-1LT
031-74D-3058	Establish a Detailed Equipment Decontamination (DED) Line	OP	QT	2LT-1LT
031-74D-3060	Plot a CBRN 3 Chemical Report	INST	QT	2LT-1LT
031-74D-3061	Plot a CBRN 3 Biological Report	INST	QT	2LT-1LT
031-74D-3062	Plot a CBRN 3 Radiological Report	INST	QT	2LT-1LT
031-74D-3063	Plot a CBRN 3 Nuclear Report	INST	QT	2LT-1LT
031-74D-3064	Perform MOPP Analysis Operations	INST	SA	2LT-1LT
031-74D-3065	Plan CBRN Sampling Mission	OP	QT	2LT-1LT
031-74D-3066	Direct a CBRN Dismounted Reconnaissance and Surveillance (R&S) Mission	INST	QT	2LT-1LT
031-74D-3067	Plan a CBRN Dismounted Reconnaissance Mission	INST	QT	2LT-1LT
031-74D-3070	Manage CBRN Defense Equipment (CBRNDE) at a Staff Level	OP	SA	2LT-1LT
031-74D-3075	Implement the CBRN Portion of the Command Inspection Program	OP	AN	2LT-1LT
031-74D-4021	Conduct a CBRN Vulnerability Assessment	INST	QT	2LT-1LT
031-74D-4066	Plan a Thorough Decontamination Mission	INST	QT	2LT-1LT
031-74D-4071	Perform a Hazard Prediction	INST	QT	2LT-1LT
031-74D-4073	Notify Units of Expected Contamination with a CBRN 3 Simplified Biological Hazard Prediction	INST	SA	2LT-1LT
031-74D-4075	Notify Units of Expected Contamination with a CBRN 3 Simplified Radiological Hazard Prediction	INST	SA	2LT-1LT
031-74D-4077	Notify Units of Expected Contamination with a CBRN 3 Simplified Nuclear Fallout Prediction	INST	SA	2LT-1LT
031-74D-4079	Prepare a CBRN 5 Chemical Report	INST	SA	2LT-1LT
031-74D-4080	Prepare a CBRN 5 Biological Report	INST	SA	2LT-1LT
031-74D-4081	Prepare a CBRN 5 Radiological Report	INST	SA	2LT-1LT
031-74D-4082	Prepare a CBRN 5 Nuclear Report	INST	SA	2LT-1LT
031-74D-4091	Prepare a CBRN 3 Chemical Report (Recalculated)	INST	QT	2LT-1LT
031-74D-4092	Prepare a CBRN 3 Biological Report (Recalculated)	INST	QT	2LT-1LT
031-74D-5004	Prepare Downwind Hazard Prediction for Toxic Industrial Materials	INST	QT	2LT-1LT
031-74D-6018	Notify Units of Expected Contamination with a CBRN 3 Chemical Hazard Prediction Based on a Missile Intercept Report	INST	SA	2LT-1LT
031-74D-6019	Notify Units of Expected Contamination with a CBRN 3 Nuclear Hazard Prediction Based on a Missile Intercept Report	INST	SA	2LT-1LT
031-74D-6023	Detect Explosive Vapors with a Trace Explosive Detector Kit	INST	SA	2LT-1LT
031-COM-2004	Identify Chemical Agents Using a M256A2 Chemical-Agent Detector Kit	INST	SA	2LT-1LT