JRAT — JOINT RISK ASSESSMENT TOOL

Leaders: Are you and your team using JRAT?

The Joint Risk Assessment Tool (JRAT), is an interactive, web-based application that helps the Marines, Navy, Army, Air Force, and Coast Guard apply risk management per Joint Publication 3-0, Joint Operations, as well as each service's respective risk management publications.

MCO 5100.29C Vol. 2 Ch.3 03.02.F - Use the Joint Risk Assessment Tool (JRAT). The JRAT is a Web-based software application that assists the user with completing a deliberate joint risk assessment matrix. The software guides the user through each of the steps in an intuitive fashion with help screens and process information. The JRAT allows the chain-of-command to supervise and conduct quality control of the risk assessment process. The site will also provide up-to-date and relevant safety information and tutorials, and will serve as the primary transition tool for the Marine Corps to the Joint Risk Assessment Matrix. Upon completion of an assessment, reports can be printed and the assessment can be shared electronically. The USMC JRAT site is available via CAC access at: https://jrat.safety.army.mil/login.aspx

Previously, each service used its own risk assessment tool, and even within the Marine Corps, commands would use a Word or Excel document replicating the deliberate risk assessment. In 2019, the Army fielded JRAT to replace their Ground Risk Assessment Tool (GRAT), which was developed in 2008. JRAT offers a separate portal for each branch of service as well as service-specific mishap statistics, mishap summaries, guidance and vignettes – all specific to mission type. The vignettes give Marine personnel an idea on how to look for hazards, identifying controls for hazards and provides numerous mission sets to help create a risk assessment.

- JRAT provides options for selecting pre-populated mission types, subtasks, hazards and controls.
- JRAT provides users with the freedom to create mission types, subtasks and hazards – or even use a mission type from another service if applicable.
- JRAT is a lot more detailed when it comes down to identifying the controls to put in place.
- JRAT actually provides users with controls, how the controls are implemented, and who's responsible for implementing controls.
- JRAT is CAC-enabled.
- The JRAT tool allows user to save the assessment within the program and allows sharing the assessment across the services – worldwide.
- JRAT uses the Deliberate Risk Assessment Worksheet (DRAW), DD Form 2977.
- The goal is to get all the services/organizations on the same page, speaking the same language regarding risk management.

We want to minimize the risk as best we can through proper controls and then we want to execute the mission, and if we do it right, safety is a byproduct of effective risk management.

Military and civilian users must have an account to access JRAT.
For more information, visit https://jrat.safety.army.mil/ or contact your risk management specialist.