

Risk Assessment Mapping Process (RAMP)

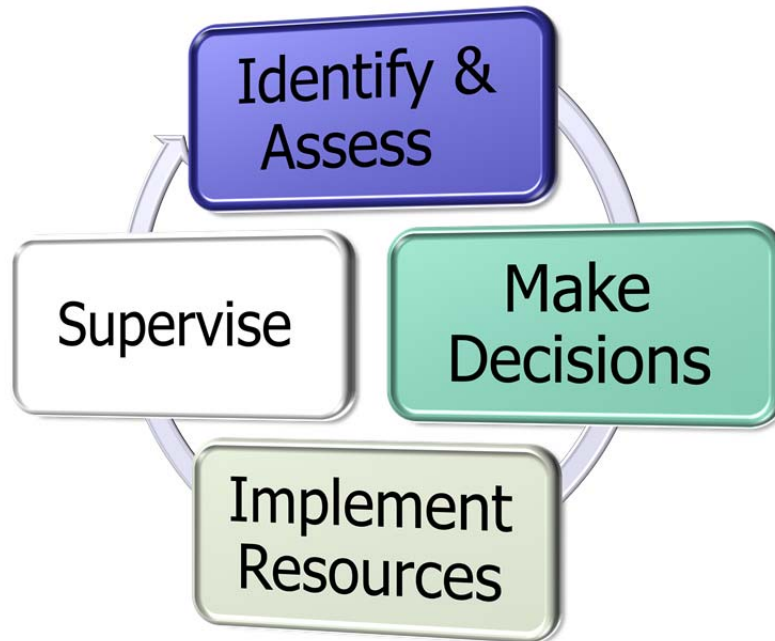


Figure 4-1.

1. RAMP is a cyclic process (Figure 4-1) to continuously assess and mitigate risk and/or stress. **RAMP does not replace engaged leadership.** RAMP simply correlates existing assessments already in place (Risk Assessment Codes/High-Med-Low/Colors) and used by commanders. RAMP is an additional resource to assist the commander. This optional method can help the commander and the FPC by the following:

a. Identify a problem and assess the impact on the individual and unit readiness.

b. Make decisions to improve the well-being of the individual.


c. Implement appropriate resources to reduce risk or stress at an acceptable level.

d. Supervise the individual through peers, leadership and mentoring.

2. RAMP uses basic risk management principles in reference (c) as the guiding process; it is the foundation that supports the mitigation plan for the commander.

3. RAMP “maps” or ties current matrices used by the Marine Corps to ensure uniformity/standardization and to provide appropriate trend analysis.

RAMP Matrix Procedures



Identify Assess			Make Decisions Implement Controls		Supervise
Initial Assessment Correlation Matrix			Combat Operational Stress Control	Marine Total Fitness Cords	Final Assessment Matrix Application of Resources (Controls) reduces level of severity and probability
Risks	Levels	Colors			
Critical	High	Red	Ill	Drained	
Serious	Medium	Orange	Injured	Depleted	
Moderate	Elevated	Yellow	Reacting	Stressed	
Minor/Negligible	Low	Green	Ready	Fit	

Figure 4-2.

4. Identify/Assess (Initial Assessment) (Figure 4-2)

- Through the FPC, identify the risk and/or stress affecting the individual and the unit’s readiness (Figure 4-2).
 - Identify the specific activity, life event, risk, or stress
 - There are five sample risk/stress assessment matrices (described on the following page) that commonly affect Service members. Note: These matrices are not all inclusive. Commanders have the latitude to add, adjust or modify the matrices.
- Assess the risk and/or stress as an expression of potential harm/severity, described below.
 - Risks: Critical, Serious, Moderate, or Minor/Negligible
 - Levels: High, Medium, Elevated, or Low
 - Colors: Red, Orange, Yellow, or Green. Note: For uniformity and standardization across the Marine Corps, the risks-levels-colors equate to each other and mean the same.

5. Make Decisions/Implement Controls

- Through the FPC, make the appropriate decisions to improve both the well-being of the individual and the unit's readiness.
- Implement controls, resources, or measures such as medical, chaplain, counseling, legal, SACO, financial assistance, family services, etc.

6. Supervise; Residual risk/stress (Final Assessment)

- After controls, resources, or measures are in place, identify and select appropriate risk-level-color assessment as an expression of reduced harm/severity.

Sample Assessment Matrices

Off-Duty Matrix			PROBABILITY				
			Likelihood of Occurrence Over Time				
			A Likely to impact individual readiness	B Probably impact individual readiness	C May impact individual readiness	D Unlikely to impact individual readiness	
SEVERITY	Factors & Stressors	I	License suspended or revoke; No training or use of PPE	1	1	2	3
		II	History of unsafe acts; History of traffic violations and/or alcohol related offenses; inadequate training or limited use of PPE	1	2	3	4
		III	Recently purchased a motorcycle as first time owner; participates in high risk activities or sports	2	3	4	5
		IV	Fully trained, wears all PPE, and skilled for off-duty activities	3	4	5	5
Risk Assessment Codes							
1- Critical/High/Red 2-Serious/Medium/Orange 3- Moderate/Elevated/Yellow 4 & 5- Minor/Negligible/Low/Green							

Financial Matrix			PROBABILITY				
			Likelihood of Occurrence Over Time				
			A Likely to impact individual readiness	B Probably impact individual readiness	C May impact individual readiness	D Unlikely to impact individual readiness	
SEVERITY	Factors & Stressors	I	Bankruptcy; foreclosure; collection agency	1	1	2	3
		II	Past due on bills; late on payments	1	2	3	4
		III	High debt load; manages to pay bills and saves or invest money	2	3	4	5
		IV	No debts; pays bills on time; saves or invest money				5
Stress Assessment Codes							
1- Critical/High/Red 2-Serious/Medium/Orange 3- Moderate/Elevated/Yellow 4 & 5- Minor/Negligible/Low/Green							

Sample Assessment Matrices (Cont'd)

Relationships Matrix			PROBABILITY				
			Likelihood of Occurrence Over Time				
			A Likely to impact individual readiness	B Probably impact individual readiness	C May impact individual readiness	D Unlikely to impact individual readiness	
SEVERITY	Factors & Stressors	I	Violence or abuse	1	1	2	3
		II	Recent divorce, separation or severely strained relationship	1	2	3	4
		III	Recent breakup or family/social discord/seeking counseling services	2	3	4	5
		IV	Healthy family/social relationship				5
Stress Assessment Codes							
1- Critical/High/Red 2-Serious/Medium/Orange 3- Moderate/Elevated/Yellow 4 & 5- Minor/Negligible/Low/Green							

Medical/Behavioral Health Matrix			PROBABILITY				
			Likelihood of Occurrence Over Time				
			A Likely to impact individual readiness	B Probably impact individual readiness	C May impact individual readiness	D Unlikely to impact individual readiness	
SEVERITY	Factors & Stressors	I	Physical Evaluation Board; Separations; Substance abuse (Drugs/Alcohol)	1	1	2	3
		II	Receiving in/out patient treatments; Taking multiple medications (Psychotropic)	1	2	3	4
		III	Light or Limited Duty	2	3	4	5
		IV	Healthy or fit for duty				5
Stress Assessment Codes							
1- Critical/High/Red 2-Serious/Medium/Orange 3- Moderate/Elevated/Yellow 4 & 5- Minor/Negligible/Low/Green							

Performance Matrix			PROBABILITY				
			Likelihood of Occurrence Over Time				
			A Likely to impact individual readiness	B Probably impact individual readiness	C May impact individual readiness	D Unlikely to impact individual readiness	
SEVERITY	Factors & Stressors	I	History of willful TTP/SOP violations; Pending Court martial or administrative separation	1	1	2	3
		II	Inadequate skill or training; History of complacency or taking shortcuts; NJP; Competency Review Board; Adverse fitness report	1	2	3	4
		III	Training failure (Training & Readiness, PFT,CFT,Rifle Range); Counseling; Derogatory Page 11 entry; Assigned to BCP	2	3	4	5
		IV	On track for career progression				5
Stress Assessment Codes							
1- Critical/High/Red 2-Serious/Medium/Orange 3- Moderate/Elevated/Yellow 4 & 5- Minor/Negligible/Low/Green							

Figure 4-3.

The assessment codes, levels, or colors (Figure 4-3) are an expression of risk that combines the elements of severity (factors and stressors) and probability (likelihood of impacting individual/unit readiness over time). The assessment is a level of risk/stress for each problem expressed as a single Arabic number as portrayed in the above assessment matrices.

Example #1: Marine separates from spouse (no children) and is on limited duty for back problems. The Marine is expected to be deployed in six months.

-Initial stress assessment based on probability and severity of the stressors:

- Relationship Matrix; Severity row is II (Recent divorce, separation or severely strained relationship). Probability column is B (Probably impact individual readiness).
 - Severity II and Probability B equates to stress assessment of "2" [Serious, Medium or Orange]
- Medical/Behavioral Health Matrix; Severity row is III (Light or Limited Duty). Probability column is C (May impact individual readiness).
 - Severity III and Probability C equates to stress assessment of "4" [Minor, Low or Green]
 - The lowest score will determine his initial stress assessment, which is "2".

-FPC determines appropriate mitigation plans (e.g. family counseling and monthly follow-up evaluations with the physician who signed the limited duty board).

-Once mitigation plans are in place, re-assess risk/stress based on severity and probability as executed from initial stress assessment procedure.

-Final stress assessment is determined to be a "4."

Example #2: A Marine just bought a sports bike and is new to riding motorcycles. The Marine requires motorcycle training. Previously, the Marine had a speeding ticket (unknown to the command) for speeding in his privately owned vehicle. The Marine, a social drinker on the weekends, occasionally binges on alcohol.

- Initial risk assessment based on probability and severity of the stressors:

- Severity II, Probability A equates to risk assessment "1" [Off-duty Matrix].
- Severity I, Probability C equates to risk assessment "2" [Medical/Behavioral Health Matrix].
- The Marine's initial risk assessment is a "1".

-FPC determines appropriate mitigation plans (e.g. complete required training/rider mentorship in accordance with MCO 5100.19F, counsel Marine for speeding, refer Marine to SACO and medical).

-Once mitigation plans are in place, re-assess risk/stress based on severity and probability from the matrices.

-Final risk assessment is determined to be a "3".

Continued re-assessment via the RAMP and leadership engagement is necessary to ensure Service members' continued well-being and readiness.