

Time Critical Risk Management
(TCRM)



CVO SAFETY and HEALTH TAILGATE SESSION

GAR Assessment Model

Supervision	< 1 2 3 4 5 6 7 8 9 10 >									
Planning	< 1 2 3 4 5 6 7 8 9 10 >									
Contingency Resources	< 1 2 3 4 5 6 7 8 9 10 >									
Communication	< 1 2 3 4 5 6 7 8 9 10 >									
Team Selection	< 1 2 3 4 5 6 7 8 9 10 >									
Team Fitness	< 1 2 3 4 5 6 7 8 9 10 >									
Environment	< 1 2 3 4 5 6 7 8 9 10 >									
Complexity	< 1 2 3 4 5 6 7 8 9 10 >									
Total	Score =									
Risk Score (1-35) GREEN ZONE			Risk Score (36-60) AMBER ZONE				Risk Score (61-80) RED ZONE			

To compute the total risk level, assign a number from 0 (No Risk) to 10 (High Risk) for each of the eight previously identified categories. The individual risk category scores are then totaled. This personal estimate is a starting point for the subsequent discussion, which should include as many of the participants as is practical. This discussion is more important than the actual numbers assigned.

Factors that Increase Potential for Error

Lack of:

- Communication
- Situational Awareness
- Resources
- Assertiveness
- Teamwork
- Knowledge

Abundance of:

- +Distractions
- +Complacency
- +Norms
- +Stress
- +Fatigue
- +Pressure

Decision Distractions

- Insufficient communications
- Fatigue/Stress/Fear
- Perceived Routine Operations
- Group Mindset
- Press on Regardless/Target fixation philosophy

Gauging Risk

The Green = You catch errors before they occur.

- Good situational Awareness
- Tools and Procedures in place to catch possible errors

The Amber = Higher chance of errors.

- Situational Awareness could be decreasing
- Tools and Procedures not in place to catch errors

The Red = Very high chance of serious errors.

- Stress may be high, tunnel vision may occur
- Resources not effective to catch errors

To effectively provide control, the supervisor must:

- Know the goals of the operation, task or job
- Have a plan
- Be able to lead, communicate, and make decisions
- Be able to establish situational awareness of the operation/task

ABC D

Assess

- *What's the difference today? What's going on? What will happen next?
- *Changes from the original plan that need to be considered?
- *What's going to affect successful completion of the operation/task/job?

Balance

- *What resources are available?
- *How do I use them?
- *What are my options?

Communicate

- *LEADER: Are you allowing for open communication?
- *TEAM: Do you know who to talk to should an issue arise?
- *Barriers preventing the team from communicating well?
- *Who needs to know? Who can help?

Do — Debrief

- *How well did you balance the resources available? — Did your actions reduce the risk?
- *Discuss what you would do different or better the next time?

Evaluations

What is the state of your personnel?

Y	N	
		Low experience with the operation/task/job?
		Distracted from primary operation/task/job?
		Instructions been given and understood?
		Fatigue or stress reaction?
		Hazardous Attitudes?
		Full use of PPE?

What is the situation?

		Is it changing?
		Controls in place for identified hazards?
		Are any rules/policy being broken?
		Is accomplishing it worth the risk?
		Is there a better way to do it?

Re-evaluate or re-process as needed!

Project/Activity Type:		Date:
Project Shop:	Tailgate Session Leader:	
Did we sign out? <ul style="list-style-type: none"> • Via cell phone/radio • Sign In/Out white board/ CVO calendar 	Motor Vehicle Operations: <ul style="list-style-type: none"> • Perform vehicle walk around • Drive with seatbelts and lights on. • Follow speed limits and adjust speed for driving conditions • Load is secured • Use chock block when parked/safe parking spot/ locked up? 	
Preparing for Work: Conversation Guide 1. Are we safe right now where we are having this conversation? 2. If someone gets seriously injured today doing this work, how will that most likely occur? 3. Do we have the right resources and skills to do this job safely? 4. How am I/we feeling? 5. Are we missing anything? What are our blind spots? 6. What is not being said that needs to be said? Is there anything we are reluctant to bring up with the group? 7. Is it worth the risk to do this job today?		
What Communication devices will we need? <ul style="list-style-type: none"> • Cell phones • SPOT devices • Handheld radios o Vehicles Radios • Sat Phone 	<ul style="list-style-type: none"> • What attachments do we need for this project? • Medical Emergency/Evac Plan Project/task documents • RA/JHA summary sheet (PPE required) • Other: 	
What radio repeater(s) should we use:	Project Work Leader:	
Please list discussion items here:		GO
Planned Weather:_____		No GO
Safety Empowerment Authority I am responsible for my own safety, as well as that of my fellow employees and the public we serve. I have full authority to call a halt to any activity that looks for or feels to be unsafe. I will use this authority with confidence because USGS leadership fully supports me taking this action so I can protect myself and other from harm.		