

Incident Strategic Alignment Process: Strategic Risk Assessment Terminology & Definitions v6

| Critical Values at Risk Assessment | | | | |
|---|---|--|--|---|
| <u>Severity/Consequences if Fire Impact Occurs</u> | | | | |
| Catastrophic | Critical | Moderate | Negligible | |
| Value is destroyed or unusable for months, will permanently affect the natural environment (irreversible), threat to survival of fauna, flora, cultural, heritage | Value is destroyed or unusable or restricted for weeks, impact can be repaired with appropriate resources, threat to damage of fauna, flora, cultural, heritage | Some portion is unusable or restricted but can be restored within an acceptable timeframe, short-term impact that is able to be addressed through existing processes, impairment of fauna, flora, cultural, heritage | Minor damage or only temporarily unavailable or restricted, little to no action needed for mitigations post event, insignificant impact to cultural/heritage resources, potentially beneficial response from fauna/flora | |
| <u>Probability/Likelihood of Fire Impacting Values</u> | | | | |
| Almost Certain | Likely | Possible | Unlikely | Rare |
| Expected to occur, or is happening now | Will occur frequently, very realistic to occur | Could occur under specific conditions & some of those conditions are currently evidenced | Remotely possible but not probable, could occur but deemed unfeasible | Improbable, but has occurred in the past |
| Responder Risk Assessment | | | | |
| <u>Severity/Consequences if a Mishap Occurs</u> | | | | |
| Catastrophic | Critical | Moderate | Negligible | |
| Imminent & immediate danger of death or permanent disability, major damage | Permanent partial disability, temporary total disability | Hospitalized minor injury, reversible illness | First aid or minor medical treatment | |
| <u>Probability/Likelihood of a Mishap if Hazard is Present</u> | | | | |
| Almost Certain | Likely | Possible | Unlikely | Rare |
| Expected to occur, or is happening now | Will occur frequently, very realistic to occur | Could occur under specific conditions & some of those conditions are currently evidenced | Remotely possible but not probable, could occur but deemed unfeasible | Improbable, but has occurred in the past |
| <u>Severity/Consequences if a Mishap Occurs: EMS Response Capability</u> <i>(Extraction time is based on RMA Ground Evac Layer or field verification)</i> | | | | |
| Catastrophic | Critical | Moderate | Negligible | |
| >6 hours (ex. RMA Red) | 4-5 hours (ex. RMA Yellow/Orange) | 2-3 hours (ex. RMA Green/Yellow) | <1 hour (ex. RMA Green/no color) | |
| <u>Probability (of Barrier(s) to): EMS Response Capability</u> | | | | |
| Almost Certain | Likely | Possible | Unlikely | Rare |
| Will encounter barriers, not able to get desired resources or appropriate level of care | Potential for barriers to occur with plan; issues getting desired resources/ care levels | Barriers under certain conditions; limited availability if desired resources/care levels | Medical response will likely go according to plan, most of the desired resources at appropriate care level are on hand | Medical response will go according to plan, all desired resources at appropriate care level are on hand |

Pillars of Incident Strategic Alignment Process:

1. **Critical Values at Risk:** Why are doing the work?
2. **Incident Strategy and Strategic Action Subcomponents:** What are we doing?
3. **Responder Risk:** What does it mean for the safety and welfare of the people doing the work?
4. **Probability of Success:** Can we protect the values as planned safely?

Responder Risk Categories Described:

- **Ground Transportation:** ALL ground movement to/from & at the work area: Driving (engines, heavy equipment, rentals, operational & support functions, etc.), UTV/ATV, hiking, pack strings, boats, etc.
- **Rapid Fire Growth:** Think Entrapment: escape routes/safety zones, disengagement points, fuel conditions & indices, event predictability, etc.
- **Hit-By Hazards:** Gravity Hazards: Snags, green trees, rolling rocks, topography, etc.
- **Aviation Operations:** All aviation use (manned/unmanned): Logistical support, operational tasks scoping/dipping, water sources, UAS, etc.
- **Human Factors:** All things human-related: internal/external pressures real or perceived, communication, leadership, social-political, etc.
- **Medical Response & Capability:** How resilient is our system to support from a medical standpoint - NOT how severe of an injury!

SOPL/LTAN

Incident Strategic Risk Assessment (SRA) Incident Name: _____ Date: _____

| Strategic Action 1 | | | | | | | | | |
|---------------------------------------|-------------------------------|---------------------------|-----------------|------------------------|---------------------|--------------------|--|---------------------------|--|
| 1. Details | | 2. Location | | 3. Resources Required | | 4. Duration (days) | | 5. Probability of Success | |
| | | | | 3a. Personnel Required | 3b. Available Index | | | | |
| ← Operations → | | | | | | | | | |
| 5. Discussion Notes: | | ← All Conversation → | | | | | | 7. Estimated Cost | |
| | | | | | | | | FSC | |
| Critical Values Risk | | | | | Risk Comparison | | | | |
| 8. Critical Values | 9. Severity of Impact | 10. Probability of Impact | 11. Risk Rating | | | | | | |
| V1 | | | No Data | | | | | | |
| V2 | | | No Data | | | | | | |
| V3 | | | No Data | | | | | | |
| V4 | | | No Data | | | | | | |
| V5 | | | No Data | | | | | | |
| V6 | | | No Data | | | | | | |
| V7 | | | No Data | | | | | | |
| 16. Risk Mitigations | | | | | | | | | |
| ← SOF & Conversation → | | | | | | | | | |
| Responder Risk | | | | | | | | | |
| Part Mitigation | | | | | | | | | |
| 12. Major Risk Influencers | 13. Severity of Event | 14. Probability of Event | 15. Risk Rating | | | | | | |
| R1 | Ground Transportation | LSC, OSC, SOF | No Data | | | | | | |
| R2 | Rapid Fire Growth | FBAN, OSC, Locals | No Data | | | | | | |
| R3 | Hit-by Hazards | OSC, SOF, Locals | No Data | | | | | | |
| R4 | Aviation Operations | AOBD, OSC, SOF | No Data | | | | | | |
| R5 | Human Factors | ALL | No Data | | | | | | |
| R6 | Medical Response & Capability | MEDL, AOBD, LSC, SOF | No Data | | | | | | |
| R7 | | | No Data | | | | | | |
| 17. Risk Discussion | | | | | | | | | |
| ← All Conversation → | | | | | | | | | |
| Do alternatives need to be developed? | | All | | Participants: | | | | | |