

SMS Assessment and Mitigation

Assessment and Mitigation of: US/Mexico Border Crossing for Fire Personnel

System- Mission environment, Communications, protocols

		Pre Mitigation			Post Mitigation						
Sub-system	Hazards	Likelihood	Severity	Outcome	Mitigation	Likelihood	Severity	Outcome	Mitigation Achieved ?	Additional Local Mitigation	Post Mitigation Value
	Illegal border activity in proximity of incident	Occasional	Critical	Serious	Dispatch to contact Border Patrol for latest information on activity in the area of the incident. Disengage if activity if detected.	Remote	Critical	Medium			
	Poor or limited Communications with TDC	Occasional	Marginal	Medium	Establish positive communications with dispatch prior to engaging in fire activity. Designate human repeater if needed.	Remote	Negligible	Low			
	Poor visibility for lookout positioned in US	Occasional	Marginal	Medium	Post lookout for visual contact with personnel where practicable. Lookout will watch for non fire related human activity.	Remote	Negligible	Low			
	Injury to Firefighter while in Mexico	Remote	Critical	Medium	Prepare and brief on medical evacuation plan. If personnel are transported to incident by air, order backup aircraft as a contingency.	Remote	Negligible	Low			
	Independent actions by Mexican Firefighters	Occasional	Marginal	Medium	Make contact with Mexican firefighters and relay proposed action incorporating them into the plan. Assign interpreter with radio if complexity dictates need.	Remote	Negligible	Low			
	Fatality to US Firefighter while in Mexico	Improbable	Catastrophic	Medium	Transport victim to U.S soil as soon as possible. Document location and situation related to fatality for investigation	Improbable	catastrophic	Medium			

Final Assessment Value:	Prepared By:		Date:
Operation Approved by:			Date:
		Title:	

In no case would the overall risk of the mission be less than the highest specific risk factor (example: one high, one serious, and two medium threats couldn't result in anything less than high).

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	Airspace intrusion	Remote	catastrophic	Serious	Dispatch to conduct deconfliction protocols with Border Patrol and Military schedulers.	Improbable	Catastrophic	Medium				
	Mechanical failure of air resources	Remote	catastrophic	Serious	Only carded inspected agency aircraft will be used for air operations involving agency personnel.	Improbable	Catastrophic	Medium				
	Planned and/or unplanned landings in Mexico	Remote	Marginal	Medium	Prior to helicopter landings into Mexico a contingency helicopter must be available on incident.	Remote	Marginal	Medium				
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Document Decision

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