OSHA COMPLIANCE JHA

Movie Hazard Analysis

TASK / OPERATION	LOCATION
Express Car Explosive Incident JHA	MHA #27 — Butch Cassidy and the Sundance Kid

JOB TITLE(S)
Outlaw (6), Express Messenger (1)

TASK / OPERATION DESCRIPTION
Train robbers pack a railroad express car's safe with far too much dynamite, blowing the entire car to splinters and showering the area with debris and cash.

DATE JHA PREPARED	SUPERVISOR(S)
Nov 22, 2026	*Not provided*

JHA TEAM MEMBERS
Not provided

STEP	POTENTIAL HAZARDS	CONTROLS	PHOTOGRAPHS
Step 1 Recognize and report the suspected explosive charge and damaged express car; do not approach or enter the car. Potential Injury: Fatal blast trauma, burns, hearing damage, or penetrating injuries from fragments.	- The reported excessive dynamite charge in the railroad express-car safe may detonate during approach, causing blast overpressure and lethal fragmentation.	Can the potential hazard(s) be: - Eliminated? [ ] - Substituted/replaced? [ ] How? Do not handle, move, inspect, or attempt to neutralize the suspected explosive charge; withdraw from the immediate area. Engineering controls (Existing?) - No engineering controls listed [ ] Administrative controls - The first worker who identifies the condition alerts emergency services and the railroad's designated emergency contact from a safe location [ ] - personnel stop work and withdraw. Only qualified explosive-response personnel direct approach or clearance. [ ] Personal protective equipment - do not approach based on PPE.	Uncontrolled No photo provided Controlled No photo provided

Generated with JHA Rapid by Fouled Anchor Safety LLC. This document is AI-assisted and must be reviewed by a qualified safety professional before use. Not a compliance document.

STEP	POTENTIAL HAZARDS	CONTROLS	PHOTOGRAPHS
Step 2 Withdraw the seven-person crew and establish an exclusion area without approaching the car or suspected charge. Potential Injury: Fatal or severe blunt-force and penetrating trauma, burns, or hearing injury.	- Inadequate standoff from the reported explosive charge exposes the crew to blast overpressure and fragments if detonation occurs. - Crew members or others entering the debris area may be struck by fragments or exposed to an unstable damaged car.	Can the potential hazard(s) be: - Eliminated? [ ] - Substituted/replaced? [ ] How? Remove workers from the suspected blast area; do not retrieve cash, debris, or tools. Engineering controls (Existing?) - Do not approach to install barriers or estimate a safe radius [ ] - use existing remote communications or access controls where available without entering the suspected hazard area. [ ] Administrative controls - The supervisor accounts for all seven workers from a safe location [ ] - communicates that the exclusion boundary must be set by qualified responders [ ] - and prevents re-entry until responders authorize it. Report any person unaccounted for without sending crew members back in. [ ] Personal protective equipment - No PPE listed	Uncontrolled No photo provided Controlled No photo provided
Step 3 Notify railroad operations and emergency responders of the suspected explosive event and keep the railroad car and surrounding area out of service pending their direction. Potential Injury: Fatal blast injury or severe impact and penetrating injuries.	- Railroad movement or access near the damaged express car could expose responders or others to the suspected charge and debris field. - Uncoordinated entry while the car is damaged may expose personnel to blast, fragments, or secondary debris.	Can the potential hazard(s) be: - Eliminated? [ ] - Substituted/replaced? [ ] How? Keep the affected car and immediate area out of service; do not move or release the car. Engineering controls (Existing?) - No engineering controls listed [ ] Administrative controls - The supervisor contacts railroad operations and emergency responders [ ] - identifies the affected express car and reported dynamite [ ] - requests prevention of movement or access as directed by railroad authority [ ] - and relays responder restrictions to the crew. Re-brief before any changed work or access. [ ] Personal protective equipment - No PPE listed	Uncontrolled No photo provided Controlled No photo provided

Generated with JHA Rapid by Fouled Anchor Safety LLC. This document is AI-assisted and must be reviewed by a qualified safety professional before use. Not a compliance document.

STEP	POTENTIAL HAZARDS	CONTROLS	PHOTOGRAPHS
Step 4 Await qualified responder assessment and clearance; do not inspect, enter, salvage, or clean the express car or debris field before authorization. Potential Injury: Fatal blast injury, penetrating trauma, burns, or severe impact injuries.	- The prompt describes a car blown apart with debris and cash; suspected unexploded material or unstable fragments may remain in the car or surrounding area. - Handling debris or cash before clearance could disturb an explosive charge or expose workers to flying fragments if detonation occurs.	Can the potential hazard(s) be: - Eliminated? [ ] - Substituted/replaced? [ ] How? Prohibit salvage, debris handling, and cleanup until qualified responders explicitly release the area and specify permitted work. Engineering controls (Existing?) - do not move fragments or the car to gain access. [ ] Administrative controls - The supervisor maintains the access restriction [ ] - confirms clearance directly with the responsible responder [ ] - briefs workers on authorized scope and boundaries [ ] - and stops work if a suspected device [ ] - new debris [ ] - or changed condition is observed. [ ] Personal protective equipment - PPE is determined only after responder clearance and task-specific assessment - PPE does not control detonation risk.	Uncontrolled No photo provided Controlled No photo provided

RISK ASSESSMENT SUMMARY

Initial Risk: HIGH -> Residual Risk: MEDIUM | Risk reduction demonstrated across all steps.

Step	Description	Hazard	Controls	Initial Risk	Residual Risk
1	Recognize and report the suspected explosive charge and damaged express car; do not approach or enter the car.	- The reported excessive dynamite charge in the railroad express-car safe may detonate during approach, causing blast overpressure and lethal fragmentation.	- The first worker who identifies the condition alerts emergency services and the railroad's designated emergency contact from a safe location - personnel stop work and withdraw. Only qualified explosive-response personnel direct approach or clearance. - do not approach based on PPE. - Do not handle	**10 - High**	**5 - Medium**

Generated with JHA Rapid by Fouled Anchor Safety LLC. This document is AI-assisted and must be reviewed by a qualified safety professional before use. Not a compliance document.

2	Withdraw the seven-person crew and establish an exclusion area without approaching the car or suspected charge.	- Inadequate standoff from the reported explosive charge exposes the crew to blast overpressure and fragments if detonation occurs. - Crew members or others entering the debris area may be struck by fragments or exposed to an unstable damaged car.	- Do not approach to install barriers or estimate a safe radius - use existing remote communications or access controls where available without entering the suspected hazard area. - The supervisor accounts for all seven workers from a safe location - communicates that the exclusion boundary must be set by qualified responders	**10 - High**	**5 - Medium**
3	Notify railroad operations and emergency responders of the suspected explosive event and keep the railroad car and surrounding area out of service pending their direction.	- Railroad movement or access near the damaged express car could expose responders or others to the suspected charge and debris field. - Uncoordinated entry while the car is damaged may expose personnel to blast, fragments, or secondary debris.	- The supervisor contacts railroad operations and emergency responders - identifies the affected express car and reported dynamite - requests prevention of movement or access as directed by railroad authority - and relays responder restrictions to the crew. Re-brief before any changed work or access.	**10 - High**	**5 - Medium**
4	Await qualified responder assessment and clearance; do not inspect, enter, salvage, or clean the express car or debris field before authorization.	- The prompt describes a car blown apart with debris and cash; suspected unexploded material or unstable fragments may remain in the car or surrounding area. - Handling debris or cash before clearance could disturb an explosive charge or expose workers to flying fragments if detonation occurs.	- do not move fragments or the car to gain access. - The supervisor maintains the access restriction - confirms clearance directly with the responsible responder - briefs workers on authorized scope and boundaries	**10 - High**	**5 - Medium**

Civilian risk levels: 1-4 Low, 5-9 Medium, 10-15 High, 16-25 Critical. Initial Risk = hazard risk before controls applied. Residual Risk = remaining risk after controls applied. Effective JHA demonstrates residual risk lower than initial risk on all steps.

Generated with JHA Rapid by Fouled Anchor Safety LLC. This document is AI-assisted and must be reviewed by a qualified safety professional before use. Not a compliance document.