Man in Machine Tactical Work Sheet

ASSESSMENT

Date:	Time:	Location
Contact Person		
Number of Persons Trapped		
Condition		
Description of Area		

Hazards in Space

☐ Mechanical	☐ Electrical	☐ Pneumatic	☐ Hydraulic	☐ Other
☐ Atmospheric	O2____%	LEL ____ %	H2S ____ppm	CO ____ ppm

Rescue ☐ Recovery ☐

MOL notification required ☐ Yes ☐ No	LOTO Performed before FD arrival? ☐ Yes ☐ No

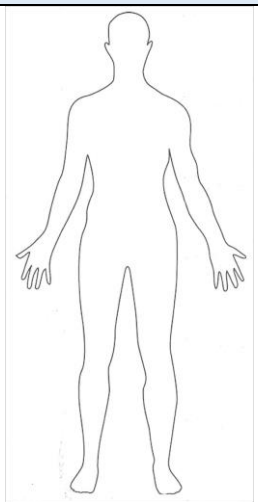
Hazard Control

LOTO

Mechanical	☐ Block linkage	☐ Disconnect			☐ None
Electrical	☐ Lockout	☐ Tag out			☐ None
Pneumatic	☐ Lockout	☐ Tag out	☐ Bleed Lines	☐ Disconnect Lines	☐ None
Hydraulic	☐ Lockout	☐ Tag out	☐ Bleed Lines	☐ Disconnect Lines	☐ None
Piping	☐ Blind	☐ Disconnect			☐ None
Ventilation	☐ Positive Pressure	☐ Exhaust	☐ Local Exhaust	☐ Local Supply	

Continuous Atmospheric Monitoring Required ☐ Yes ☐ No	Fire Dept LOTO Complete ☐ YES Time:

PATIENT ASSESSMENT

Patient Injuries / Entrapment	Machine Diagram
	

Patient PPE

☐ Glasses	☐ Blanket	☐ Coat	☐ Gloves	☐ Shielding	☐ Plexiglas	☐ Wood

Medical Considerations

Airway	☐ Breathing	☐ O2	☐ BVM	☐	☐
	☐	☐	☐	☐	☐
Circulation	☐ Peripheral Circulation	☐ Gross Bleeding	☐ Direct Pressure	☐	☐
	☐ O2 Sat Monitor	☐ TIC	☐ Cap Refill	☐ Tourniquet	☐ Crush Syndrome
EMS	☐ Contacted	☐ Updated	☐ On Scene	☐	
Medical Site Team?	☐ Chest Tube	☐ Field Amputation	☐ Blood Transfusion	☐	☐

Rescue Officer	
Safety Officer	
Cutting Plan ☐ Yes ☐ No	Cutting Team
Lifting Plan ☐ Yes ☐ No	Lifting Team
Disassembly Plan ☐ Yes ☐ No	Disassembly Team
Medical	☐ EMS ☐ Medical Team

CUTTING

Material Size up

☐ **Metal**	☐ **Other**		☐ **Ferrous**	☐ **Non- Ferrous**	☐ **Hardened**	☐ **Non- Hardened**
☐ **Mild Steel**	☐ **Hardened Steel**	☐ **Stainless Steel**	☐ **Alloy Steel**	☐ **Aluminum**	☐ **Brass / Copper**	☐ **Other**
☐ **Concrete**	☐ **Plastic**	☐ **Glass**	☐ **Wood**	☐	☐	☐

Considerations

Heat transfer by conduction to patient. Aggressive cooling needed. Sparks direction. Fire hazards. Vibration and cutting proximity to patient. Cutting object under tension / recoil. Control / Stabilize large off cuts. Blade pinch in kerf.

Tools / Equipment

Patient Shielding	☐ Glasses	☐ Blanket	☐ Coat	☐ Plexy	☐ Wood
Cooling	☐ Water Extinguisher	☐ Wet Cloths	☐ Plug n Dike	☐ Hoseline	☐ TIC
Power	☐ Generator	☐ Electrical Cords	☐ Local Supply	☐ Battery	☐
Cutting	☐ Torch	☐ Band saw	☐ Sawzall	☐ Grinder	☐ Dremel
	☐ E Cutter	☐ K12	☐ Hacksaw	☐ Files	☐
Respiratory PPE	☐ SCBA	☐ SAR	☐ ____' Airline		
Lighting	☐ Head Lamp	☐ Flash Light	☐ Glow Sticks	☐ Corded Light	☐
Communications	☐ Visual	☐ ____' Hardline	☐ Radio		

LIFTING

Load Assessment

Calculated weight to be lifted in LBS ☐

Shape	☐ Cube	☐ Cylinder	☐ Tube	☐ Sphere	☐ Flat Stock
Material	☐ Wood	☐ Concrete	☐ Steel	☐ Water	☐Aluminum

Considerations

MUST STABILIZE LOAD. Lift an inch, Crib an inch. Cribbing must be rated for calculated load. Anticipate load to shift when lifting. Find center of gravity of object. Finding reliable anchor points and highpoints for lifting may be problematic. Entire assembly must be rated for lift. High angles > 60 degrees may increase the force on a componant beyond rating.

Tools / Equipment

Stabilization	☐ Cribbing	☐ R42's	☐ Ratchet Straps	☐ Chain	☐ Hooks
	☐	☐	☐	☐	☐
Lifting	☐ Airbags	☐ Spreader	☐ Rams	☐ Bottle Jack	☐ Hi / Farm Jack
	☐ Chain hoist	☐ Come-along	☐ Synthetic Slings	☐ Chain Slings	
	☐ Rope	☐ Belay	☐ Tripod		☐
Respiratory PPE	☐ SCBA	☐ SAR	☐ ____' Airline		
Lighting	☐ Head Lamp	☐ Flash Light	☐ Glow Sticks	☐ Corded Light	☐
Communications	☐ Visual	☐ ____' Hardline	☐ Radio		

DISASSEMBLY

Size up

Fasteners	☐ Left Handed	☐ Specialty	☐ Metric	☐ SAE	☐

Considerations

Normal access may be limited to the fasteners. May require specialty tools. May be easier to cut or grind fastener off. Fasteners may be stripped. Fasteners may be seized or corroded on. Parts may be under tension or pressure.

Tools / Equipment

Power	☐ Generator	☐ Electrical Cords	☐ Local Supply	☐ Battery	☐
Disassembly	☐ Socket Set	☐ Impact Gun	☐ Drill	☐ Wrench set	☐ Screwdrivers
	☐ Tool box	☐ Pipe Wrench	☐ Jeweler Screwdrivers	☐ Snap Ring Pliers	☐
Respiratory PPE	☐ SCBA	☐ SAR	☐ ____' Airline		
Lighting	☐ Head Lamp	☐ Flash Light	☐ Glow Sticks	☐ Corded Light	☐
Communications	☐ Visual	☐ ____' Hardline	☐ Radio		

Termination

Patient	☐ Packaged	☐ In care of EMS	☐ Released	☐ Info Gathered	☐
Personnel	☐ Accountability	☐ Briefed	☐ Assessed	☐ Rehabbed	☐ Released
Tools	☐ Cleaned / Deconned	☐ Fueled	☐ Recharged	☐ New Blades	
Other Agencies	☐ Accountability	☐ Briefed	☐ Assessed	☐ Rehabbed	☐ Released
	☐ Info Gathered				