

# Dronelisting Dronelisting.org

90 Cattlin Road, Ravensthorpe  
0491 362 983

Powered  
by  
JSA  
OnTheGo



## Job Safety Analysis

### TASK DETAILS

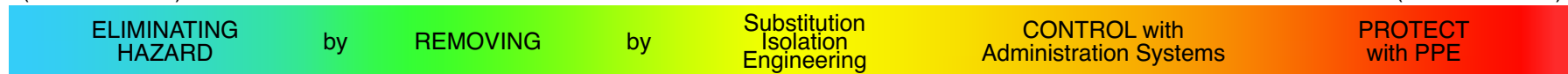
<b>Job Title</b>	Drone Photography	<b>Date</b>	<b>Area</b>
<b>Task Description</b>	Mine site drone photography full casa and department of mines requirements		
<b>Site Location</b>			
<b>Permit to Work</b>	None required		

## RISK MATRIX

By using the Heirarchy of Control scale bar below, you can see how effective your controls are

(Most Effective)

(Least Effective)



### Consequence

		Minor	Serious	Severe	Major	Catastrophic
Likelihood	Almost certain	Moderate (M-10)	High (H-16)	Extreme (E-20)	Extreme (E-23)	Extreme (E-25)
	Likely	Moderate (M-7)	Significant (S-12)	High (H-17)	Extreme (E-21)	Extreme (E-24)
	Possible	Moderate (M-5)	Moderate (M-6)	Significant (S-13)	High (H-18)	Extreme (E-22)
	Unlikely	Low (L-2)	Low (L-4)	Moderate (M-9)	Significant (S-14)	High (H-19)
	Rare	Low (L-1)	Low (L-3)	Moderate (M-8)	Moderate (M-11)	Significant (S-15)

### Qualitative Measure of Consequence

		Consequence	Likelihood	
Catastrophic		Multiple fatalities and/or permanent debilitating injuries.	Almost certain	Very likely to happen (over 75%)
Major		Single fatality or hospitalisation. Permanent disability or long term illness/injury.	Likely	Will probably occur (51-75%)
Severe		Lost Time Injury (LTI). Injury sustained to employee who is unable to work following day or perform usual duties.	Possible	May occur at some time (26-50%)
Serious		Medical Treated Injury (MTI). Treatment required by physician or medical personel (not a First-Aider).	Unlikely	Could occur (5-25%)
Minor		First Aid Injury (FAI). Minimal impact on health & safety which can be resolved by daily procedures & pre-start.	Rare	Unlikely to occur (less than 5%)

## PPE REQUIREMENTS



FOOT  
PROTECTION



EYE  
PROTECTION



HAND  
PROTECTION



HIGH  
VISIBILITY

## CRITICAL RISK MANAGEMENT



**Struck by Falling Object**  
Barriers And Segregation  
Work Area Management



**Light or Heavy Vehicle Collision**  
Signage And Demarcation

## PROCESS

STEPS	POTENTIAL HAZARDS	RISK	CONTROL MEASURES	RISK
1. Pre-Flight Planning	Inadequate site assessment Weather conditions Restricted airspace	L-3	Check weather forecasts (ALL) Verify airspace restrictions with CASA (HR) Conduct thorough site assessment (HR)	L-2
2. Equipment Inspection	Equipment malfunction Battery failure	L-2	Perform pre-flight equipment checks (ALL) Ensure batteries are fully charged (ALL)	L-1
3. Site Safety Briefing	Uninformed personnel Unauthorized access	M-6	Conduct safety briefing for all personnel (ALL) Establish and enforce site access controls (ALL)	L-1
4. Flight Operations	Loss of control Collision with obstacles Interference with other aircraft	L-4	Maintain visual line of sight (ALL) Set safe flight paths (ALL) Monitor radio frequencies for interference (ALL)	L-1

PROCESS (cont'd)				
STEPS	POTENTIAL HAZARDS	RISK	CONTROL MEASURES	RISK
5. Post-Flight Procedures	Data loss Equipment damage	L-2	Securely download and backup data (ALL) Inspect equipment for damage (ALL)	L-1

TEAM MEMBERS					
Team Member	Signature	Time	Team Member	Signature	Time
Hermanus Reinecke (Pilot in Control)	