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RISK ASSESSMENT

Event: Rocket Launch

Date:

Likelihood: how likely is it that the harm presented by the hazard will actually occur?	Severity: what impact or damage could the harm presented by the hazard have on a person or persons?
High (3): Harm is certain, or near certain, to occur	High (3): Death or major injury
Medium (2): Harm will often occur	Medium (2): 7 day injury or illness
Low (1): Harm will seldom occur	Low (1): All other injuries or illnesses

Risk rating: Once the likelihood and severity have been determined, the risk can be calculated as shown below:

	Likelihood		
Severity	3	2	1
3	High	High	Medium
2	High	High	Medium
1	Low	Low	Low

Hazard	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)			
Rocket Launch		Assessor: DGH			Date: 05/03/2015				
Rocket motor burn - delayed ignition	Presenter	L	M	M	Do not approach a rocket until a full minute has expired after a failed launch and then the rocket should only be handled with an outstretched hand. Do not stand with head over the rocket	L	L	L	
Upper body trauma	Audience and Presenter	L	L	L	All rocket descents to be slowed by parachute or streamer. Everyone should pay attention to the location of the rocket when in flight	L	L	L	
Rocket motor burn - normal ignition	Audience and Presenter	L	L	L	Presenter and launcher should stand 5 m from the rocket, that is the full length of the launch wire. Everyone else should stand a minimum of 15 meters from the rocket launch site	L	L	L	