



**RISK ASSESSMENT TOOL (RAT)  
ROCKET LAUNCH**

POTENTIAL RISK/HAZARD	RANKING LEVEL	RISK CONTROL MEASURES – ACTION TAKEN TO REDUCE RISK
ROCKET MAKES CONTACT WITH PERSONS / PROPERTY ON LAUNCH	LOW	LAUNCH ZONE USED IS FREE FROM OVERHEAD HAZARDS AND LOCAL ENVIRONMENT CHECKED FOR HAZARDS LAUNCH GUIDE USED TO CONTROL LAUNCH DIRECTION SAFETY ZONE CREATED AT MIN 8M FROM LAUNCH PAD ROCKET LAUNCHED BY TRAINED STAFF ONLY COUNTDOWN TO LAUNCH TO WARN SPECTATORS
DAMAGE TO PROPERTY ON ROCKET DESCENT	LOW	RECOVERY SYSTEM USED (PARACHUTE / STREAMER) ROCKET LAUNCHED AT APPROPRIATE LOCATION
DAMAGE TO LOW FLYING AIRCRAFT	LOW	ROCKET LAUNCHED BELOW CONTROLLED AIRSPACE ROCKETS NOT LAUNCHED WITHIN RESTRICTED OR 'NO FLY' ZONES ROCKET LAUNCHED >8KMS FROM AIRPORT CASA SAFETY REGULATIONS FOLLOWED
BURNS TO PERSONS BODY WHEN HANDLING ROCKET PRE / POST LAUNCH	LOW	CLEAR INSTRUCTIONS GIVEN ROCKET LAUNCHED BY TRAINED STAFF ONLY SAFETY REGULATIONS FOLLOWED WATER AVAILABLE AT LAUNCH SITE
BURNS TO PROPERTY AT LAUNCH SITE	LOW	SAFETY LAUNCH PAD USED TO PROTECT GROUND FROM BURNS

**FULL INSTRUCTIONS AND SAFETY TALK GIVEN BY TRAINED PRESENTER.  
PRESENTER RESERVES THE RIGHT TO CANCEL LAUNCH IF THEY HAVE ANY SAFETY CONCERNS ON SITE**

Ranking Levels: Low, Medium, High, Extreme. This is an indication of the level of potential risk/hazard harm should it occur, once control measures are in place.

**COMPLETED BY: SHARON SAMUEL UPDATED: AUGUST 2020**