

“RECREATIONAL SERVICES (LIMITATION OF LIABILITY) ACT 2002”

**CODE OF PRACTICE FOR CLUBS OR ASSOCIATIONS CONDUCTING
LAUNCHING OF MODEL AND/OR HIGH POWER ROCKETS**

“RECREATIONAL SERVICES (LIMITATION OF LIABILITY) ACT 2002”

Code of Practice for Clubs or Associations conducting launching of model and/or high power rockets

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1. INTERPRETATION AND ABBREVIATIONS

1.1 INTERPRETATION

In this Code of Practice -

“**Act**” means Recreational Services (Limitation of Liability) Act 2002;

“**adult**” means any person 18 years of age or older;

“**Code**”, “**Code of Practice**” or “**this Code**” means Code of Practice for Clubs or Associations conducting launching of model and/or high power rockets;

“**Club/Association**” means any number of individuals belonging to an incorporated legal entity solely engaged in rocket launching activities;

“**Club/Association member**” means any person who is a current financial member, associate, life, honorary or corporate member of a Club or an Association;

“**consumer**” means any adult person engaged in, or present at, rocket launching activities;

“**invited guest**” means any person invited by any adult Club/Association member to attend a programmed launch meeting, and who subsequently attends such a launch meeting voluntarily;

“**launch site**” means an area or location confined within the boundaries of the property where rocket launching is taking place and it includes the Range and Spectator/Parking area;

“**minor**” means any person under the age of 18 years;

“**misfire**” means failure of a rocket motor to ignite after the launch switch has been pressed;

“**non-member**” means invited guest, spectator or visitor or any person other than a Club/Association member;

“**Range**” means an area comprising of Launch/Recovery and Motor/Rocket Preparation Areas;

“**rocket launching activities**” means all related rocket launching activities and includes setting up of the Range and launching facilities, motor and rocket preparations, launching and recovery of rockets, and/or observation of various preparations, launching, flight and recovery of rockets;

“**Rocketry Service Providers**” or “**provider(s)**” means any Club or Association engaged in rocket launching activities;

“**spectator**” means any person who is unrelated to the Club/Association or any Club/Association member, or is a stranger or passer-by and who voluntarily and uninvited decides to attend and observe a launch meeting;

“**visitor**” means any person who is in any way familiar with the Club/Association, or has attended previous launch meeting(s), or has knowledge of the Clubs/Associations existence and programmed launch meeting(s) and who subsequently attends any such launch meeting voluntarily and uninvited;

1.2 ABBREVIATIONS

AGL	Above Ground Level
CASA	Civil Aviation Safety Authority
CFS	Country Fire Service
FPO	Fire Prevention Officer
LCO	Launch Control Officer
PA	Public Address
RSO	Range Safety Officer

2. DESCRIPTION OF RECREATIONAL ACTIVITY AND SERVICES

(a) This Code of Practice relates to the recreational activity of “launching of model and/or high power rockets” which consists of Consumers entering a predetermined launch site to set up the Range and launching facilities, followed by motor and rocket preparations and then launching and recovery of rockets, and/or to observe various preparations, launching, flight and recovery of rockets. In particular, the code relates to the activities actually conducted at the Range and Spectator/Parking Areas rather than to the time spent by persons in making their way to or from the launch site at which the rocket launching activity is conducted.

(b) Similarly, this code relates to recreational services that consist of the provision of the recreational activity described in paragraph (a).

3. MEASURES AND PROCEDURES TO ENSURE A REASONABLE LEVEL OF PROTECTION TO CONSUMERS

3.1 COMPLIANCE WITH RELEVANT CODES, LEGISLATION/REGULATIONS AND SAFETY REQUIREMENTS

(a) **Rocketry Service Providers must comply in all respects with Federal, State and Local Government regulations.**

(b) **Upon joining a Club or an Association, every new member must be given a copy of Safety Codes detailing safety requirements, as per sections 3.2 and 3.3 of this Code.**

Club/Association membership application forms must incorporate a statement that applicants must sign, acknowledging receipt of a copy of Safety Codes and agreeing to comply in all respects with the provisions of Safety Codes.

(c) In South Australia, Model and High Power rocketry is a restricted activity. Through a permit system, Dangerous Substances Branch (Workplace Service) regulates the use of solid fuel motors. Each year, prior to the commencement of the launch season, **Rocketry Service Providers must send out a letter to all Club/Association members, outlining the procedure for obtaining permits, as well as making members aware that it is their responsibility to ensure that they hold current and relevant permit(s).**

(d) Launching of rockets over 400 feet AGL requires approval from CASA, launching of High Power rockets can be conducted only at a launch site approved by CASA. **Rocketry Service Providers must ensure that they hold all the relevant CASA approvals for each launch meeting.**

(e) Launching of rockets during the Fire-ban Season is prohibited. **Rocketry Service Providers must not conduct rocket launching during the Fire-ban Season unless they have a relevant permit issued by CFS.**

(f) **All persons** (Club/Association members, invited guests, spectators or visitors) **present at rocket launch meetings shall be subject to the articles of this Code of Practice** as they are considered by virtue of their presence to be active participants (**consumers**) in the recreational activity (**recreational service**) arranged, conducted and supervised by the **provider**.

As safety is paramount, the appointed Safety Officers must rigorously enforce compliance and cooperation from all persons present. The RSO may ask any person(s) who fail(s) to comply with the safety requirements and directives to leave the launch site; and in any case an appropriate report must be made on the Attendance Record Sheet by identifying the offending person(s) as far as it is practicable.

(g) **Prior to commencement of rocket launching, the appointed RSO must ensure that all adult non-members present read the safety requirements and acknowledge by signing the Attendance Record Sheet. Attendance Record Sheet must incorporate a statement that outlines the safety requirements for non-members, as following:**

- All non-members (invited guests, visitors or spectators) are confined to the Spectator/Parking Area as designated by the Range Safety Officer (RSO).
- Invited guests, visitors and spectators cannot be in the Launch/Recovery Area or in the Motor/Rocket Preparation Area without expressed permission of the RSO.
- All adults present are reminded that it is their responsibility to ensure that if they are accompanied by any minor(s) in their charge, that such minor(s) complies/comply with the above safety requirements.

(h) Non-members may take part in setting up of the Range and launching facilities, and rocket retrieval **but only with the expressed permission of the RSO.**

(i) **The RSO must ensure that all provisions of the Act are complied with as following:**

- All adult persons present must be given a copy of Schedule – Notice to Consumer.
- An appropriate notice must be displayed at the entrance to the Range.
- A copy of the registered Code of Practice must be available at the launch site.

(j) **The RSO must inspect all rockets prior to launching. Rockets not conforming to Safety Codes must not be launched.**

3.2 MODEL ROCKET SAFETY CODE

1. MATERIALS. My model rocket will be made of lightweight materials such as paper, wood, rubber, and plastic suitable for the power used and the performance of my model rocket. I will not use any metal for the nose cone, body or fins of a model rocket.

2. MOTORS. I will only use commercially-made certified model rocket motors in the manner recommended by the manufacturer. I will not alter the model rocket motor (engine), its parts, or its ingredients in any way.

3. RECOVERY. I will always use a recovery system in my model rocket that will return it safely to the ground so it may be flown again. I will only use flame resistant recovery wadding if wadding is required by the design of my model rocket.

4. WEIGHT AND POWER LIMITS. My model rocket will weigh no more than 1500 grams at lift-off and its rocket motor(s) will produce no more than 320 Newton-seconds of total impulse. My model rocket will weigh no more than the motor manufacturer's recommended maximum lift-off weight for the motors used, or I will use the motors recommended by the manufacturer for my model rocket.

5. STABILITY. I will check the stability of my model rocket before its first flight, except when launching a model rocket of already proven stability.

6. PAYLOADS. Except insects, my model rocket will never carry live animals or a payload that is intended to be combustible, explosive, or harmful.

7. LAUNCH SITE. I will launch my model rocket outdoors in a cleared area, free of tall trees, power lines, buildings, and dry brush and grass. My launch site will be at least as large as that recommended in the Launch Site Dimensions table.

MODEL ROCKET LAUNCH SITE DIMENSIONS

Installed Total Impulse (Newton-seconds)	Equivalent Motor Type	Minimum Site Dimensions (Metres)
0-1.25	1/4A & 1/2A	15
1.26-2.50	A	30
2.51-5.00	B	60
5.01-10.00	C	120
10.01-20.00	D	150
20.01-40.00	E	300
40.01-80.00	F	300
80.01-160.00	G	300
160.01-320.00	2Gs	460

8. LAUNCHER. I will launch my model rocket from a stable launch device that provides rigid guidance until the model rocket has reached a speed adequate to ensure a safe flight path. To prevent accidental eye injury, I will always place the launcher so the end of the rod is above eye level or I will cap the end of the rod when approaching it. I will cap or disassemble my launch rod when not in use and I will never store it in an upright position. My launcher will have a jet deflector device to prevent the motor exhaust from hitting the ground directly. I will always clear the area around my launch device of brown grass, dry weeds, or other easy-to-burn materials.

9. IGNITION SYSTEMS. The system I use to launch my model rocket will be remotely controlled and electrically operated. It will contain a launching switch that will return to "off" when released. The system will contain a removable safety interlock in series with the launch switch. All persons will remain at least 5 metres from the model rocket when I am igniting model rocket motors totalling 30 Newton-seconds or less of total impulse and at least 9 metres from the model rocket when I am igniting model rocket motors totalling more than 30 Newton-seconds of total impulse. I will use only electrical igniters recommended by the motor manufacturer that will ignite model rocket motor(s) within one second of actuation of the launching system.

10. LAUNCH SAFETY. I will ensure that people in the launch area are aware of the pending model rocket launch and can see the model rocket's lift-off before I begin my audible five-second countdown. I will not launch a model rocket so its flight path will carry it against a target. If my model rocket suffers a misfire, I will not allow anyone to approach it or the launcher until I have made certain that the safety interlock has been removed or that the battery has been disconnected from the ignition system. I will wait one minute after a misfire before allowing anyone to approach the launcher.

11. FLYING CONDITIONS. I will launch my model rocket only when the wind is no more than 32 kilometres per hour. I will not launch my model rocket so it flies into clouds, near aircraft in flight, or in a manner that is hazardous to people or property.

12. PRE-LAUNCH TEST. When conducting research activities with unproven model rocket designs or methods I will, when possible, determine the reliability of my model rocket by pre-launch tests. I will conduct the launching of an unproven design in complete isolation from persons not participating in the actual launching.

13. LAUNCH ANGLE. My launch device will be pointed within 30 degrees of vertical. I will never use model rocket motors to propel any device horizontally.

14. RECOVERY HAZARDS. If a model rocket becomes entangled in a power line or other dangerous place, I will not attempt to retrieve it.

15. APPOINTMENT OF SAFETY OFFICERS. From the Club/Association members present at a launch meeting, the highest-ranking Executive or Management Committee member present must appoint three Safety Officers to conduct, control and supervise all rocket launching and related activities, as following:

- **RANGE SAFETY OFFICER (RSO)**
- **LAUNCH CONTROL OFFICER (LCO)**
- **FIRE PREVENTION OFFICER (FPO)**

* **Duties and responsibilities of the Safety Officers are detailed in section 3.5.**

3.3 HIGH POWER ROCKET SAFETY CODE

1. CERTIFICATION. I will fly high power rockets only when certified to do so by the Adelaide Advanced Rocketry Club Incorporated.

2. OPERATING CLEARANCE. I will fly high power rockets only in compliance with Civil Aviation Safety Authority Regulations and all other federal, state, and local laws, rules and regulations.

3. MATERIALS. My high power rocket will be made of lightweight materials such as paper, wood, rubber, and plastic, or the minimum amount of ductile metal suitable for the power used and the performance of my rocket.

4. MOTORS. I will only use commercially-made certified rocket motors in the manner recommended by the manufacturer. I will not alter the rocket motor, its parts, or its ingredients in any way.

5. RECOVERY. I will always use a recovery system in my high power rocket that will return it safely to the ground so it may be flown again. I will use only flame resistant recovery wadding if wadding is required by the design of my rocket.

6. WEIGHT AND POWER LIMITS. My rocket will weigh no more than the motor manufacturer's recommended maximum lift-off weight for the motors used, or I will use motors recommended by the manufacturer of the rocket kit. My high power rocket will be propelled by rocket motors that produce no more than 40,960 Newton-seconds of total impulse.

7. STABILITY. I will check the stability of my high power rocket before its first flight, except when launching a model rocket of already proven stability.

8. PAYLOADS. Except insects, my high power rocket will never carry live animals or a payload that is intended to be combustible, explosive, or harmful.

9. LAUNCH SITE. I will launch my high power rocket outdoors in a cleared area, free of tall trees, power lines, buildings, and dry brush and grass. My launcher will be located at least 460 metres from any occupied building or public highway. My launch site will have minimum dimensions at least as great as those in the launch site dimension table. As an alternative the site's minimum dimension will be one-half the maximum altitude of any rocket being flown, or 460 metres, whichever is greater. My launcher will be no closer to the edge of the launch site than one-half of minimum required launch site dimension.

HIGH POWER ROCKET MINIMUM LAUNCH SITE DIMENSIONS

Total Impulse All Engines (Newton-seconds)	Equivalent Motor Type	Minimum Site Dimensions (Metres)
160.01-320	H	300
320.01-640	I	915
640.01-1,280	J	1610
1,280.01-2,560	K	1610
2,560.01-5,120	L	3220
5,120.01-10,240	M	4830
10,240.01-20,480	N	6440
20,480.01-40,960	O	8050

10. LAUNCHER. I will launch my high-powered rocket from a stable launch device that provides rigid guidance until the rocket has reached a speed adequate to ensure a safe flight path. To prevent accidental eye injury, I will always place the launcher so the end of the rod is above eye level or I will cap the end of the rod when approaching it. I will cap or disassemble my launch rod when not in use and I will never store it in an upright position. My launcher will have a jet deflector device to prevent the motor exhaust from hitting the ground directly. I will always clear the area for a radius of 3 metres around my launch device of brown grass, dry weeds or other easy - to - burn materials.

11. IGNITION SYSTEM. The system I use to launch my high-powered rocket will be remotely controlled and electrically operated. It will contain a launching switch that will return to "off" when released. The system will contain a removable safety interlock in series with the launch switch. All persons will remain at a distance from the high-powered rocket and launcher as determined by the total impulse of the installed rocket motor(s) according to the accompanying Safe Distance Table.

HIGH POWER ROCKET SAFE DISTANCE TABLE

Total Impulse All Engines (Newton-seconds)	Equivalent Motor Type	Min. Distance From Rocket With Single Motor (Metres)	Min. Distance From Rocket With Multiple Motors (Metres)
160.01-320	H	30	30
320.01-640	I	30	60
640.01-1,280	J	30	60
1,280.01-2,560	K	60	90
2,560.01-5,120	L	90	150
5,120.01-10,240	M	150	300
10,240.01-20,480	N	300	460
20,480.01-40,960	O	460	610

12. LAUNCH SAFETY. I will ensure that people in the launch area are aware of the pending high power rocket launch and can see the rocket's lift-off before I begin my audible five-second countdown. I will use only electrical igniters recommended by the motor manufacture that will ignite rocket motors within one second of actuation of the launching switch. If my high power rocket suffers a misfire, I will not allow anyone to approach it or the launcher until I have made certain that the safety interlock has been removed or that the battery has been disconnected from the ignition system. I will wait one minute after a misfire before allowing anyone to approach the launcher.

13. FLYING CONDITIONS. I will launch my high power rocket only when the wind is no more than 32 kilometres per hour and under conditions where the rocket will not fly into clouds or when a flight might be hazardous to people, property, or flying aircraft. Prior to launch, I will verify that no aircraft appear to have flight paths over the launch site.

14. PRE-LAUNCH TEST. When conducting research activities with unproven designs or methods I will, when possible, determine the reliability of my high power rocket by pre-launch tests. I will conduct the launching of an unproven design in complete isolation from persons not participating in the actual launching.

15. LAUNCH ANGLE. I will not launch my high power rocket so its flight path will carry it against a target. My launch device will be pointed within 20 degrees of vertical. I will never use rocket motors to propel any device horizontally.

16. RECOVERY HAZARDS. If a high power rocket becomes entangled in a power line or other dangerous place, I will not attempt to retrieve it. I will not attempt to catch my high-power rocket as it approaches the ground.

17. APPOINTMENT OF SAFETY OFFICERS. From the Club/Association members present at a launch meeting, the highest-ranking Executive or Management Committee member present must appoint three Safety Officers to conduct, control and supervise all rocket launching and related activities, as following:

- **RANGE SAFETY OFFICER (RSO)**
- **LAUNCH CONTROL OFFICER (LCO)**
- **FIRE PREVENTION OFFICER (FPO)**

* Duties and responsibilities of the Safety Officers are detailed in section 3.5.

3.4 PREPARATIONS AND SET UP PROCEDURES

(A) Appointment of Safety Officers

(1) From the Club/Association members present at a launch meeting, the highest-ranking Executive or Management Committee member present must appoint the **Range Safety Officer (RSO)**, the **Launch Control Officer (LCO)** and the **Fire Prevention Officer (FPO)**. **The Safety Officers must conduct, control and supervise all rocket launching and related activities as detailed in sections 3.4 (B), (C) and (D) and 3.5 of this Code.**

(B) Range set up considerations and standards

(1) **A Club or an Association must conduct launching of rockets only at Launch Sites approved by CASA.**

Launch Site is defined as an area or location confined within the boundaries of the property within which rocket launching takes place.

(2) Prior to the commencement of any rocket launching, the **RSO** must establish and clearly define the **Range** and **Spectator/Parking Area** within an approved Launch Site.

- Prevailing wind direction should be taken into account when setting up the Range, so as not to allow launched rockets to fly over the Spectator/Parking Area. The Range dimensions must be in accordance with the Safety Code tables.
- The entrance to the Range must be clearly defined by bunting or rope that should be erected for a minimum distance of 20 metres on both sides of a centrally placed opening.
- The Range is to comprise of a **Launch/Recovery** and **Motor/Rocket Preparation** Areas, and is to be adjoining the **Spectator/Parking Area** as following:

(a) **Spectator/Parking Area** is an area adjacent to entrance side edge of the Range, allocated for the parking of vehicles and an area from where all persons not conducting the actual launching can safely observe the various preparations, countdown, launching, flight duration and recovery of rockets.

(b) **Launch Area** is an area allocated for setting up of launching devices (launch controllers, launch pads, etc.) for the purpose of launching rockets. Launch Area is bounded by the entrance side edge of the Range and the furthestmost launch pads.

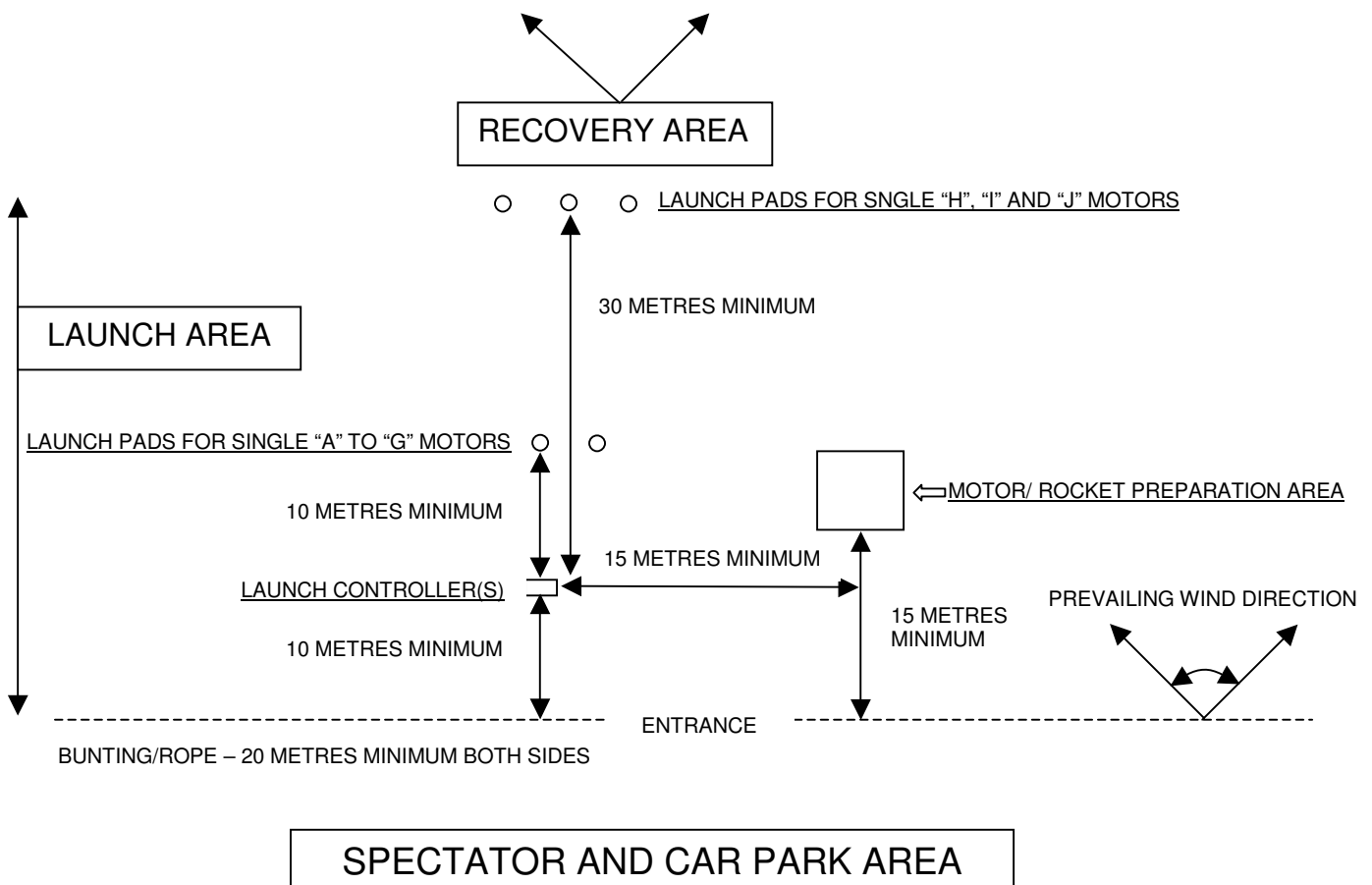
- The Launch Controller(s) must be placed a minimum of 10 metres away from the entrance side edge of the Range.
- The Launch Pads must be placed directly in front and away from the Launch Controller(s) at a minimum of 10 metres distance when using a single “A” to “G” motors, and at a minimum of 30 metres distance when using a single “H”, “I” or “J” motors.
- Launch pads will be no closer to the edge of the Launch Site than one-half of minimum required launch site dimensions.

(c) **Recovery Area** is an area consisting of the Launch Area and the minimum area necessary to retrieve the rockets safely without causing personal injury or property damage. In any case the Recovery Area dimensions should be equal to or greater than the minimum launch site dimensions required for the highest impulse rocket motor that is going to be used on the day of the launch meeting. (See launch site dimensions tables in Safety Code sections 3.2 and 3.3)

(d) **Motor/Rocket Preparation Area** is an area allocated within the Launch Area for the purpose of assembling and installing rocket motors into rockets in preparation for launching.

- The area intended for Motor/Rocket Preparation shall be designated by placing a table or tables and one fire extinguisher at a minimum distance of 15 metres away and to either side of the Launch Controller(s) and a minimum of 15 metres away from the entrance side edge of the Range.

TYPICAL RANGE SET UP



(C) Launching facilities

(1) All rockets shall be launched from stable launch devices (pads) with a launch guide (tube, rod, tower or other suitable device) used to restrict the horizontal motion of the rocket until flight velocity sufficient to maintain stability during flight is achieved. One fire extinguisher is to be placed in the Launch Pads Area.

(2) Rocket motor ignition shall be by remote electrical means only, and under the supervision and control of the RSO and LCO. Lift-off of the rocket will be within three (3) seconds of actuation of the launch system. If a cluster of motors that are designed to ignite simultaneously propels the rocket, a proven ignition system that has the capability of igniting all rocket motors simultaneously within one second of ignition system activation shall be used.

(3) All persons, including those conducting the actual launching of the rocket(s), shall maintain a clear radial distance from the launch pads during the countdown and launch, pursuant to Safety Code tables.

(4) A person shall never store or leave a loaded rocket unattended. A person will always keep a loaded rocket on a launcher or firmly restrained and will never point a loaded rocket or its nozzle at anyone, nor allow anyone in the flight path of a rocket during flight preparations.

Installation of ignition devices in a high power rocket(s) should only be done in the Motor/Rocket Preparation Area and at the last practical moment before the rocket is placed on the launch pad.

(D) Launch control

(1) Model and high power rocket(s) may only be launched with the immediate knowledge, permission, and attention of the RSO and LCO.

(2) Through the PA (Public Address) system or by audibly calling out, the RSO or LCO shall announce "ready to launch, everyone face the launch pads please," so as to ensure that all persons present are aware of an impending launch.

- All persons present in the Launching and Spectator/Parking Areas should be requested to face the launch pads during a countdown.

(3) The person launching the rocket shall precede the launch with a five (5) second countdown audible throughout the Launching and Spectator/Parking Areas.

(4) No person(s) should approach a rocket that has misfired or failed to launch after the launch switch has been pressed, until the safety key has been removed, the battery has been disconnected from the ignition system and the mandatory one-minute waiting period has passed.

The RSO or LCO may then give permission to the actual person launching to approach the misfired rocket. Inspect the rocket for igniter failure and replace it if necessary; if the igniter is not the problem check the ignition system.

3.5 SAFETY OFFICERS, THEIR DUTIES AND RESPONSIBILITIES

(A) RANGE SAFETY OFFICER (RSO)

YOUR DUTIES AND RESPONSIBILITIES ARE:

- (1) **To have total control and authority over all aspects of Range operations.**
- (2) **To ensure that prior to commencement of rocket launching, the Range is set up to the required safety standards** (as detailed in the Safety Codes sections 3.2 and 3.3, and Preparations and Set Up Procedures section 3.4 (B), (C) and (D)). **Additionally, particular attention should be given to the following:**
 - Cameras, mobile phones, any battery operated devices capable of electric discharge, or any remote control devices capable of radio transmission may cause accidental interference with launch control systems or even accidental ignition of a motor. All such objects and devices must be kept well away from rocket motors with inserted igniters, Motor/Rocket Preparation and Launch Areas.
- (3) **To ensure that a general purpose First Aid kit is available at the launch site.**
- (4) **To have in your possession a mobile phone, if specified by CASA.**
- (5) **To inspect all rockets prior to launching. Rockets not conforming to Safety Codes must not be launched.**
- (6) To ensure that the LCO and the FPO are set up and ready.
- (7) **To observe and listen for aircraft before allowing launching to proceed.**
- (8) **You must ensure that all persons present are aware of an impending launch as following:**

Through the PA system or by audibly calling out, you or the LCO shall announce “ready to launch, everyone face the launch pads please.”
- (9) To give the LCO permission to launch when requested (provided the Range Safety requirements have been met).
- (10) **You have the authority to stop a launch, or to direct all or any person(s) present as necessary, in order to enforce the Safety Codes and the Code of Practice.**
- (11) You may ask any person(s) who fail(s) to comply with the safety requirements and directives to leave the launch site; and in any case an appropriate report must be made on the Attendance Record Sheet by identifying the offending person(s) as far as it is practicable.

(B) LAUNCH CONTROL OFFICER (LCO)

THE RSO IS YOUR BOSS! -YOUR DUTIES AND RESPONSIBILITIES ARE:

- (1) To control the ignition of all launches, you may personally press the launch switch for each launch or may supervise another person to do so.
- (2) **You must check with the RSO before allowing any launching to proceed.** When ready for a launch, your Operating Procedure will be as following:
 - (a) Through the PA system or by calling out audibly, you announce the pad number, type of rocket being launched and the size of motor being used, then you announce/call out the following:
 - (b) “Sky is clear” (**check the sky for Aircraft**)
 - (c) “Range is clear” (**check first with the RSO**)
 - (d) “Ready to launch”
 - (e) “5-4-3-2-1” (the launch countdown should be made by the person launching the rocket)
 - (3) If a **Misfire** occurs (rocket motor fails to ignite after the launch switch has been pressed) or the rocket fails to launch for any other reason, remove the safety key from the launch control system and disconnect the battery terminals.

Ensure that the person launching the rocket waits the mandatory one-minute period before allowing an inspection to take place in order to determine the cause of the problem. Inspect the rocket for igniter failure and replace it if necessary, if the igniter is not the problem check the ignition system.

(C) FIRE PREVENTION OFFICER (FPO)

THE RSO IS YOUR BOSS! -YOUR DUTIES AND RESPONSIBILITIES ARE:

- (1) To ensure that a suitable Motor/Rocket Preparation Area is established for assembly and installation of rocket motors into rockets. Such an area should be confined within the Launch Area and it is to be located a minimum of 15 metres away to either side of Launch Controller(s) and 15 metres away from the entrance side edge of the Range.
- (2) To enforce the “No Smoking” ban in the Motor/Rocket Preparation Area.
- (3) To ensure that Fire Safety Precautions are in place prior to commencement of launching. This may include having to physically clear the Launch Pads Area where combustible material may be present, so as to remove any potential fire hazard.
- (4) To ensure that there is one suitable fire extinguisher placed in the Motor/Rocket Preparation Area and one at the Launch Pads Area; it is your responsibility to monitor and protect these areas and respond accordingly to any hazardous situations that may develop.
- (5) To watch the launch pad even after the rocket has been launched, to ensure that there is no fire hazard present.

Applicant details:

ADELAIDE ADVANCED ROCKETRY CLUB INC.
7 Welkin Court
MODBURY NORTH S.A. 5092

Public Officer:

Mike Nestic
Phone/Fax: (08) 8265 5604