



Auckland Land Search and Rescue

Prospective Recruits Information Pack

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New Prospective Member's Assessment Course – Assessment Schedule

The purpose of the assessment sheet is so we can document the prospective member's current skills and identify their training needs in order that they may become an operational Auckland LandSAR member.

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Auckland LandSAR Prospective Member Pathway Summary

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Auckland LandSAR Minimum Standards for Active Members

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Auckland LandSAR Prospective Member Pathway Flow Chart

Suggested Resources for Prospective Members:

MSC Bushcraft Manual

LandSAR Field Guide

FMC – Safety in the Mountains

MSC First Aid Manual



Auckland Land Search & Rescue Information Sheet for New Members

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Welcome to Auckland Land Search & Rescue

Auckland Land Search and Rescue (Auckland LandSAR) is a volunteer based organisation that provides a professional LandSAR resource and capability to the Police and public when people are lost or injured in the bush or hills or in the greater Auckland area (Pokeno to Wellsford), although we are called occasionally to assist with searches outside our region. In Auckland we are increasingly being asked to assist with searches for members of the public who go missing in the suburban environment, especially those suffering from dementia, autism, down's syndrome, etc as well as suicide, etc.

We provide a professional LandSAR service including LandSAR team members with specialist skills, especially search in the field, as well as search management staff to plan and implement a LandSAR operation.

The philosophy of Auckland LandSAR is that we will only use trained and competent searches on any LandSAR operations. This is essential if we are to continue to present ourselves as being a professional organisation and to maintain credibility with the Police and public.

New members aged 18 and over are always welcome. However, we are looking for people with good bush and navigation skills who can fit into the Auckland LandSAR culture. The following is the procedure if you would like to apply to join Auckland LandSAR as a Team member:-

- 1 Supply an Outdoor Skills and Experience CV and hand it to one of the committee members listed above.
- 2 The CV will undergo an initial assessment by at least two committee members to determine if your skills and experience meet our criteria.
- 3 If your CV meets the criteria, you will be:-
 - Sent a copy of the Auckland LandSAR Prospective Member's Information Pack to assist you in deciding whether LandSAR is for you.
 - Sent an AKLSAR Application Form
 - Sent a Police Check Form

- Invited to attend an interview with representatives of the Auckland LandSAR Committee.

Please complete the above forms and bring them with you to the interview.

4 Assuming you have the relevant necessary outdoor experience and have been assessed as suitable, you will then be invited to attend a Prospective Members Assessment Course. This is an introductory assessment course covering basic SAR principles and activities. It allows the assessors to see what outdoor equipment you have and to determine your skill level in the field. It also gives the prospective member an opportunity to find out more about land search and rescue and the Auckland LandSAR organisation. Feed back will be given to you both during and after the assessment course.

Note: Prospective members who show the right attributes and only just fail to pass the Assessment Course may be invited to up-skill and then attend another Assessment course. Guidance will be given on how to achieve this.

5 Once you have successfully passed the Prospective Members Assessment Course and Police Check, you will then be invited to become a probationary member of Auckland LandSAR and to:-

- a) Attend Auckland LandSAR Meeting/Training evenings. Auckland LandSAR meets regularly on the second Wednesday of each month; February - December. Specific training is provided at each of these meetings and is conducted both in the classroom and/or outdoors. An annual calendar is available.
- b) Attend specific training weekends on Tracking and Clue Awareness and Search Methods to develop your LandSAR skills. You are also welcome to attend other training courses that may be offered. NB: Some courses have prerequisites.
- c) Attend Training days. These are practical training exercises to train and improve SAR skills.
- d) Attend the Annual LandSAR Exercise (SAREX). This event is run over a weekend and is conducted either as a number of specific training exercises or as a simulated search operation or a combination of both.
- e) Participate in assisting with the running of the annual CureKids Great Adventure Race in Auckland.

6 The Assessment Group will take you through a Training Needs Analysis to determine what specific training is required to enable you to become an operational Team Member.

7 Keep attending the monthly meetings and get to know the other members of the group.

8 At any time feel free to discuss your progress with any of the above committee members and/or your trainers.

9 Work towards or maintain the Auckland LandSAR Team Minimum Standards.

Notes:

- It is essential that a Prospective Member completes a Police Check form and is cleared by the Police for LandSAR.

- Members are expected to supply their own outdoor equipment suitable for LandSAR operations. Some equipment may be supplied from time to time.
- Acceptance as a member of Auckland LandSAR is solely at the discretion of the Committee.
- Any equipment that is supplied by Auckland LandSAR remains the property of Auckland LandSAR and must be returned when the member leaves Auckland LandSAR.

The following outlines the roles within Land Search and Rescue.

1 Operational Field Teams

These are the team members who have land search and rescue skills and are deployed to look for, and recover, missing people.

Role:

- During a search -
 - * Gather information and clues related to missing people.
 - * Find missing people.
- To provide assistance in the form of recovery/rescue and/or First Aid.

Membership Requirements:

Membership is gained by following the procedures noted above along with the items listed below:

- Be available 24hrs, 7 days per week for searches, within 1 hour of a call-out.
- Attend a minimum of 20 hours training in any one year.
- Attend a minimum of 50% of both the training nights and training days.
- Attend a minimum of 50% of requested callouts in any one year.
- Miss no more than 3 consecutive training nights (without committee approval).

Auckland LandSAR Provides:

The following will be provided after a new member undergoes a Training Needs Analysis.

- Specific LandSAR Training such as: –
 - Tracking and Clue Awareness (TCA)
 - Search Methods (SM)
 - Radio/GPS use and communications systems
 - Team Leader
 - Helicopter use
 - Rope work, etc
- A position on the callout list – you will be phoned in the event of a callout.
- A high visibility LandSAR vest, Pack and Parka. Other equipment may be supplied from time to time.

General

1. All Auckland LandSAR members must notify the appropriate people of changes of contact details or availability.
2. Any equipment provided by Auckland LandSAR remains the property of Auckland LandSAR.
3. The order of members on the callout list is determined by capabilities, attendance, geographical location and other factors that may be appropriate from time to time.

2 Operational Support

Operational Support roles are people who, for one reason or another, who become unable to participate in active searching in the bush environment, but who still wish to remain effective LandSAR volunteers.

Role:

- During a search ...
 - * Provide a static search resource.
 - * Communicate observations to the Search Base.
 - * Assist at Search Base.
- During an exercise ...
 - * Assume role of missing party
 - * Assist in exercise management

Membership Requirements:

Membership is gained by meeting the following criteria:

- Has recently been a fully active member of Auckland LandSAR.

The Group will provide:

- Specialist equipment as needed.
- A position on the callout list.

General

Operational Support members are expected to assist during a search as follows:

- Monitoring bush edges or road/track ends.
- Observing in the bush from a fixed position such as track junction or hill top.
Helicopters may be used to position the person but they must be able to walk out if necessary.
- Assist at Search Base as required.

Note:

Operational support personnel are generally people who have been active LandSAR members who, for various reasons, are not able to undertake bush activities. Only in exceptional cases will people without LandSAR experience be taken on in an operational support role.

Auckland LandSAR

Prospective Members Assessment Course

As part of the pathway (see Appendix 2, page 9) to becoming a member of Auckland LandSAR every prospective member is to attend an “Assessment Course”.

Objectives:

- Observe all prospective members in a controlled outdoor environment.
- Establish their current general outdoor skills.
- Determine future training needs for them to become an operational Auckland LandSAR member.
- Determine their suitability as a member of Auckland LandSAR.

Course Structure:

A group of 4 – 8 prospective members will be invited to attend the course. The course will be run by 2 or more senior Auckland Land SAR members. The course format will be a day/night exercise.

The format is as follows:

Friday (start ~7pm)

Meet at designated location at 7pm on Friday night.

Conduct meet & greet.

- Explain objectives of weekend.
- Explain what we are looking at (refer attached assessment form)
- Explain the appeals process
- Establish Ground Rules (not a race!!)
- Show the prospective members on the map where that night's campsite is.
- Have the prospective members develop plan of how to get to the campsite.
- Commence tramp once dark. Rotate leadership/decision making roles.
- Once destination is reached setup camp.
- Group leaders to discuss what LandSAR is about and how it operates.

Saturday (finish 5pm)

- Have breakfast.
- Break camp.
- Conduct navigation brief.
- Perform “On Track” navigation.
- Perform “Off Track” navigation.
- Have Lunch.
- Continue “Off Track” navigation.
- Return to start point.
- Conduct group debrief and then individual debrief.

Follow Up

- Provide feedback to the committee as part of the process of selecting people to join the LandSAR team.
- Phone the prospective members 1 – 3 weeks after course and talk about it (reflective process) – Provide Feedback.
- Invite those members who have passed the assessment to attend Auckland LandSAR meetings.

APPENDIX 1

Auckland LandSAR

New Recruits Course Assessment Sheet

Recruit's Name: _____ **Assessment date** _____

CATEGORIES:	C	NYC	Training needed
Fitness			
Does the individual have a good base level of fitness?			
Does the individual have any medical conditions that will affect their performance as an Auckland LandSAR Group member?			
Gear			
Is the individual carrying the appropriate/required gear?			
Did the individual know how to use their gear?			
Is the individual carrying the appropriate food?			
Bushcraft Skills			
Is the individual confident in the outdoors?			
Was the individual confident with the night time tramping?			
Did the individual select and setup a good campsite?			
Did the individual prepare adequate / appropriate meals?			
Team Dynamics / Leadership			
Did they work well in a team environment ?			
Did they demonstrate appropriate leadership skills?			
Navigation Skills			
Does the individual have basic map reading skills? eg: Find/give a grid ref / Understand features on map / Determine a bearing / Understand magnetic variation, etc.			
Does the individual have good "On Track" navigation skills? eg: Can they identify where they are on the track at any given time? Do they understand the terrain around them?			
Does the individual have good "Off Track" navigation skills? eg: Can they identify where they are off the track at any Given time? Do they understand the terrain around them?			

Feedback

Comments by Auckland LandSAR Assessor:

Areas that require improvement:

Signature: _____ **Name:** _____ **Date:** _____

Comments by New Recruit

Signature: _____ **Name:** _____ **Date:** _____

Notes:

C – Competent – Meets Standards

NYC – Not Yet Competent – Does not meet standard

APPENDIX 2

NEW ZEALAND LAND SEARCH AND RESCUE INC

Auckland LandSAR

Pathway to go from Recruit to Full Active On-Call Member (Red Cap)

Note: This is to be read in conjunction with the Auckland LandSAR Membership Pathway document

STEP 1

REQUIREMENT	CRITERIA
CV Submitted	Suitable background and/or experience
Skills, on paper, assessed as being suitable.	Suitable outdoor skills
Attend an interview	
Complete AKLSAR Application	
Complete Police Check Form	Pass Police Check
Commitment to complete STEP 2	

RESULT:

- ◆ Invited to attend New Recruits Course/Assessment Weekend

STEP 2

REQUIREMENT	CRITERIA
Pass Police Check	
Undergo and Pass New Recruits Course/Assessment Weekend	Demonstrates skills and fits in with group
Commitment to complete STEP 3	

RESULT:

- ◆ Accepted as a recruit with Auckland LandSAR
- ◆ Invited to attend monthly Auckland LandSAR meetings
- ◆ Put on (email) Distribution List
- ◆ Able to attend SAR training courses.

STEP 3

REQUIREMENT	CRITERIA
Obtain a First Aid certificate Complete Search Methods Course Complete Basic TCA course (TCA1) Attend at least one SAREX	To be completed within 6 to 18 months
Attend regular Auckland LandSAR meetings and training days	Must attend a minimum of 50% of both meetings and training days. Do Not Miss more than three consecutive training nights/days without discussing with a committee member.

Have sufficient SAR skills to be an effective SAR Team Member.	Assessed as competent.
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RESULT: Promoted to YELLOW Cap

- ◆ Put on AUCKLAND LandSAR 2nd tier callout list
- ◆ Issued with Yellow Cap, Hi Viz vest, maps and notebook, etc
- ◆ Issued with a tracking stick
- ◆ Issued with SAR Badge
- ◆ Issued with an Auckland LandSAR ID Card.

STEP 4

REQUIREMENT	CRITERIA
Maintain a current First Aid certificate	Outdoor First Aid
Improve SAR skills by attending further courses and SAREX.	Undertake a minimum of 20 hours training per year in addition to a SAREX.
Attend regular Auckland LandSAR Group meetings and training days	Must have attended a minimum of 50% of meetings and 50% training days. Do Not Miss more than three consecutive meetings/training nights without discussing with a committee member.
Be available for Call Outs	Attend a minimum of 50% in each year
Have appropriate skills and ability	Peer Assessment
Ongoing commitment to maintain currency and attendance.	Assessed as competent

RESULT: Promoted to RED Cap

- ◆ Put on Auckland LandSAR 1st tier callout list
- ◆ Issued with a Red Cap
- ◆ Issued with Parka and Pack (and badge), Fleece Jacket, etc.

To continue as a Red cap need to:-

- Continue to attend regular Auckland LandSAR Group meetings and training days (50% attendance minimum required for each, averaged over two years).
- Undergo further SAR training. Must attend a minimum of 20 hours training per year.
- Miss no more than three consecutive training nights, without notifying a committee member.
- Attend a minimum of 50% of requested call outs in a year, averaged over two years.
- Assist with training and mentoring of new Recruits
- Assessed as competent by peers.

Notes:

- **Members are expected to supply their own outdoor equipment suitable to be able to perform any LandSAR tasks allocated to them**

- **Promotion to 2nd and 1st tier callouts is based on the person being assessed as having the necessary skills and ability.**
- **All promotions are subject to Peer Review**
- **All promotions are at the discretion of the Committee**
- **ALL equipment issued to a member remains the property of Auckland LandSAR and must be returned on demand.**

APPENDIX 3

AUCKLAND LAND SEARCH and RESCUE

MINIMUM STANDARDS FOR AN ACTIVE MEMBER

To be certain that searchers have the knowledge, skills and experience required to effectively participate in a search or rescue operation, it is necessary to have an accepted set of standards and a method of measurement.

Standards ensure that SAR personnel are suitably trained and experienced and can therefore be relied on to operate efficiently and safely.

This document spells out the standards required for Auckland LandSAR Team members and notes assessment methods. It can also serve as a checklist for consideration for a team member's suitability for a particular role in SAR and will also serve as the basis for a training needs analysis thus determining group and individual training requirements.

CONTENTS

- 1.1 Personal Fitness
- 1.2 Bushcraft
- 1.3 Map and Compass / Navigation
- 1.4 Survival Skills
- 1.5 River Crossing & Water Travel
- 1.6 First Aid
- 1.7 Risk Management
- 1.8 Communications & Technical (Radio, GPS etc.)
- 1.9 Search Methods & Techniques
- 1.10 Helicopter Safety
- 1.11 Ropes
- 1.12 Weather
- 1.13 Commitment
- 1.14 Gear & Equipment

1.1 PERSONAL FITNESS

It is important that all team members maintain a reasonable level of personal fitness to ensure the safety of all personnel involved in search operations.

Requirements:

- Must be physically fit
- Able to carry a full pack over difficult terrain for extended periods.
- In good general health.
- Must be aware of own limitations and act appropriately.

Assessment:

- By observation on appropriate training and operational events.

1.2 BUSHCRAFT

It is important that all team members have appropriate and adequate Bushcraft skills as LandSAR personnel are required to be self sufficient and search deployment often takes place in hazardous regions and adverse conditions. Team member must be comfortable in the bush environment, including off track and be able to look after themselves in that environment.

Requirements:

- Can site a camp to be free of natural hazards.
- Is able to demonstrate good camp hygiene practices.
- Can organise gear/cooking in tents in adverse conditions.
- Understands principles of environmental care code and iwi matters.
- Knows what clothing to take and how to care for it.
- Uses the appropriate clothing at all times.
- Knows how to care for and maintain own equipment.
- Has high standards for own equipment.
- Can light and maintain common types of gas and liquid fuel stoves.
- Is aware of the dangers of stoves.
- Understands food values and can organise suitable food for self and party.
- Ensures that emergency food is carried.
- Is capable of finding and following suitable routes in all types of terrain.
- Is aware and can cope with the hazards encountered in bush travel.

Assessment:

- By observation on appropriate training and operational events.
- Practical exercise

1.3 MAP AND COMPASS / NAVIGATION

It is important that all team members are conversant with map and compass techniques. They must be able to navigate safely and be able to determine their position at any time. [This is essential if instructions are to be correctly followed and the Search HQ kept informed of the exact area searched.]

Requirements: Maps.

- Is aware of various map types and their uses.
- Can demonstrate the use of scales.
- Fully understands contours and relief shading.

- Can orient a map using natural features and/or the sun.
- Can differentiate between true, grid and magnetic north.
- Able to give and plot grid references.
- Able to navigate using a map.
- Can determine positions on the map using features.
- Can calculate travel time and distance from a map.

Requirements: Compass.

- Understands the features of a Silva type compass.
- Can orient map with the compass.
- Can determine grid and magnetic bearings.
- Able to transfer bearings to and from a map.
- Can demonstrate the use of a compass for travel.
- Able to determine and plot positions using a compass and map.

Requirements: Navigation

- Can navigate from and to a given point using map and/or compass and GPS and be able to confirm absolute position.
- Can perform the above navigation in all weather conditions and terrain.
- Can navigate as above, selecting the best possible and safest routes.
- Can apply map/compass/navigation principles to define and mark a given search area.

Assessment:

- Practical exercise
- By observation on appropriate training and operational events

1.4 SURVIVAL SKILLS

It is considered important that all team members have the appropriate skills to enable them to a) operate effectively and b) manage their own wellbeing, alone and in all conditions.

Requirements:

- Must know how to react when "lost" and how to aid searchers.
- Have and know how to use the contents of an "approved" survival kit.
- Can demonstrate various survival skills in a "below the bush line" environment (shelter, morale, wild-food, water, fire.)
- Be able to manage the situation (illness, injury, missing person, fatality.)

Assessment:

- Practical exercise
- By observation on appropriate training and operational events

1.5 RIVER CROSSING & WATER TRAVEL

It is important that all team members are able to conduct themselves and others safely across and along waterways.

Requirements:

- Can identify river dynamics.
- Know when and when not to attempt a crossing.
- Can identify best crossing points.

- Can prepare a group for a river crossing and manage the risks.
- Is able to identify hazards in various types of rivers.
- Able to demonstrate the mutual support and individual crossing methods.
- Can recover from mishaps (self rescue skills).
- Is aware of the hazards peculiar to coastal travel.

Assessment:

- Practical exercise
- By observation on appropriate training and operational events

1.6 FIRST AID

It is considered important that all team members have a basic grounding in current First Aid techniques and practices and can communicate patient information by radio. Searchers must be able to assess patients and assist and manage patient comfort and maintain life wherever possible.

Requirements:

- Holder of appropriate current First Aid Certificate or similar.
- Understands the theory and treatment of hypothermia.
- Can prevent/treat minor ailments.
- Can manage a medical emergency and provide appropriate care for a patient for possibly up to 24hrs.
- Can document and communicate (via radio) vital signs and other relevant patient information.
- Has, and carries, a "suitable" first aid kit.
- Can demonstrate an understanding of the various stretcher types used in SAR and can improvise if necessary.

Assessment:

- Attend specific SAR training course
- Practical exercise
- By observation on appropriate training events

1.7 RISK MANAGEMENT

It is important that all team members are able to plan, prepare for and implement search tasks identifying and managing all the risks involved.

Requirements:

- Understands the concepts and principles of managing risk.
- Is aware of, and plans to reduce possible risks in the field.
- Identifies and discloses risks to members of a group.
- Have contingency plans in case of emergencies.
- Shows an ongoing awareness of developing or potential risks.

Assessment:

- Written exercise
- By observation on appropriate training and operational events

1.8 COMMUNICATIONS & TECHNICAL

It is important that all team members are conversant with use of, operation of, and message handling protocols for SAR radios.

Requirements:

- Can demonstrate an understanding of VHF & HF radios.
- Is aware of the limitations of the various radios used in SAR.
- Can demonstrate how to set up, tune and care for radios.
- Be able to diagnose and fix basic problems.
- An understanding of correct "operating procedure" and message handling.
- Has a working knowledge of GPS system.
- Can place and erect a Repeater as directed.

Assessment:

- Practical exercise
- By observation on appropriate training and operational events

1.9 SEARCH METHODS & TECHNIQUES

It is considered important that all team members are familiar with current methods and techniques to maximize the efficiency of all search operations.

Requirements:

- Demonstrate understanding of current search methods
- Must be able to demonstrate how to use different search techniques and understand when each technique is appropriate.

Assessment:

- Attend specific SAR training courses
- By observation on appropriate training and operational event

1.10 HELICOPTER SAFETY

It is considered important that all team members are conversant with helicopter operation & safety issues and are able to assist crew when necessary.

Requirements:

- Can demonstrate specific safety procedures -
 - approaching (safety zone and pilot signals)
 - clothing and carriage of equipment.
 - boarding, both on ground and at a hover.
 - loading and unloading procedures (incl. slings, hooks etc.)
- Has a knowledge of -
 - landing point needs in terms of location, size, approach angles, marking, etc.
 - wind strengths and can indicate strength and direction to the pilot.
 - ground to air communication by radio and signals.
 - what to do in emergency situations.
- Knows the capabilities and limitations of various types of helicopters.

Assessment:

- Attend specific SAR training course & helicopter briefings

1.11 ROPES

It is important that all team members have an understanding of ropes and can undertake search and rescue tasks safely on steep terrain.

Requirements:

- Has a basic awareness of the use of ropes in assisting searchers or rescuers over steep ground.
- Can demonstrate using personal or group gear, some basic knots.

Assessment:

- Practical exercise

1.12 WEATHER

It is considered important that all team members have knowledge of weather patterns and effects.

Requirements:

- Has a good general knowledge of weather forecasting.
- Can recognise weather signs in the field and react accordingly.
- Is aware of the limitations of commercial weather maps and forecasts.

Assessment:

- Written exercise

1.13 COMMITMENT

It is considered important that all team members are aware of and accept the commitment necessary to be an operative SAR member, including the requirement to regularly train and attend SAR operations.

Requirements:

- Must demonstrate the right mental attitude for the situation. (patience, able to accept instruction, able to work as a team member, etc.)
- Must be aware of the importance of maintaining morale within a group.
- Needs to know how adverse conditions affect attitude and performance.
- Is aware of individual and group needs (pacing, food, rest, etc.)
- Can demonstrate good interpersonal skills in a group situation, (flexibility, empathy, respect, communication, physical and emotional stress, etc.)

In addition, a SAR team member should -

- Be available for SAROPS on a regular basis and be able to give a prompt decision re availability when called out.
- Attend training programs in order to attain and maintain the standards required by Auckland LandSAR.
- Understand that team members will not be called to a search unless required standards have been met.

- Ensure that information re personal fitness and any relevant health problems is conveyed to the appropriate person within the organisation.
- Keep a personal log book recording training and operational experience.
- Must have readily available, appropriate food and equipment for 48 hours in the field.
- Must be able to quickly coordinate and rationalise food and equipment within a SAR team. (party gear)
- Report accidents and incidents on searches

Assessment:

- Attend regular meetings, training sessions and exercises
- Be available for SAR operations

1.14 GEAR & EQUIPMENT

It is considered important that all team members have available, and carry with them, a minimum array of gear and equipment to enable them to be self sufficient in the field. It is also important that appropriate gear and equipment is carried for use when assisting missing persons.

Requirements:

- Is familiar with the Ideal SAR Pack Checklist and has an appropriately prepared SAR pack.

Assessment:

- Undergoes a SAR Pack inspection from time to time.

Food and Equipment: (from Section 4 LandSAR Field Guide)

As a general rule, you should be self sufficient for at least two days (some areas four days - check with your local organisation) and be able to comfortably spend the nights in the bush.

You must expect extremes from carrying a heavy stretcher with a pack under hot sun for long distances to standing about for several hours in cold, wet, windy conditions and must therefore be prepared for any eventuality.

It is important to remember that you will need extra food and gear for the missing party should they be found or a team member injured. Certain conditions or situations may dictate extra gear or clothing.

You should be able to prepare for a search within half an hour.

You should always arrive fully equipped to any search or SAREX.

What To Wear:

Wear wool or polypropylene top, socks, shorts, sound tramping boots and high gaiters. Adjust this for winter and colder climates. Also keep your compass and whistle handy

Each Team Member Should Have:

- | | |
|------------------------------|---------------------------------|
| # Waterproof/Windproof Parka | # Waterproof/Windproof Leggings |
| # Wool/Polyprop Balaclava | # Small Billy |
| # Wool/Polyprop Gloves | # Small Portable Stove and Fuel |

- | | |
|--|---|
| # Wool/Polyprop Long Johns | # Knife, Spoon, Fork, Mug |
| # Full Water bottle | # Lightweight Sleeping Bag |
| # Sun Hat and Sun Block | # Wool/Polyprop Long Sleeve Top |
| # Fleece/wool jacket /Swandri | # Maps of Area (1:50,000/Terralink) |
| # Compass (Silva Type) | # Whistle |
| # Map Case | # Toilet Paper (Personal and Track Marking) |
| # Plastic Bags(for Radio's, Cell phones) | # Cell Phone |
| # Note Book and Pencil | # Ground Sheet |
| # Water Filters or Purifiers | # Cyalume Sticks (Snap Lights) |
| # Foam Mat (Closed Cell Foam) | # Secateurs (for Supple jack, Scrub) |
| # Shelter (Tent/Tent Fly) | # Leather Gloves (Optional) |
| # 2 Lengths Tube Tape | # 1 Aluminium Karabiner(Lock Gate) |
| # 2 mtr Prusik Loop(6mm) | |

For Pack Hauling/attaching to Helicopter Winch Grabbit Hook)

Torch with Spare Bulb & Batteries – minimum of two sources of light required, especially for night searching:

Rope/Tube Tape Loop (To make harness & chest harness to be done in conjunction with a member of the Line Rescue Team)

* NB: Keep your portable stove and fuel in a separate bag. If you are transported by helicopter, hand this bag to the crew as you enter and tell them what it is. They will jettison this rather than your entire pack if they suspect a fuel leak.

Personal survival kit:

(sealed in a waterproof container) comprising:

- | | |
|---|---------------------------------|
| ▪ Pocket knife | ▪ Small compass |
| ▪ Survival tube and cord | ▪ Barley sugars |
| ▪ Fire starters (candle, fire starters) | ▪ Waterproof matches or lighter |

NB: A "survival kit" only contains a few essential items. What you are wearing and carrying in your pack constitutes your full survival kit. Never discard anything or become separated from your pack.

First aid kit:

(sealed in a waterproof container) comprising:

- | | | |
|---------------------------------|--------|-----------------------------------|
| 1 Small notebook and pencil | 1 pkt | Anti-histamine tablets |
| 1 10 or 15cm crepe bandage | 1 pkt | Painkillers |
| 1 Triangular bandage | 1 roll | Adhesive tape |
| 1 Sani-napkin or wound dressing | 2 pr | Disposable gloves |
| 6 Safety pins | 1 pr | Iris or fine scissors |
| 1 Outdoor first aid manual | 1 pr | Tweezers |
| 1 Small cake soap | 1 pkt | Paraffin or non stick dressings |
| 1 Insect repellent | 1 pkt | Steristrips or butterfly closures |
| 10 Band-aids | A/R | Personal Medication |

Make sure you check the contents of your kit regularly and replace any items that may have deteriorated or passed their use by date.

Packs:

If possible, pack your gear in a medium sized comfortable pack and also take a small day pack. If the party has doubled up on some gear or you find you have gear which is surplus to your requirements, you can leave it back at base in your day pack. If you find that you

will be doing a short local search and are unlikely to spend a night in the bush, you can transfer your essentials into your day pack and take that. Don't forget first aid kit, survival kit, parka, snacks, drink bottle and a warm top. Line your pack with a large plastic bag or pack liner.

It is advisable to have a small rope loop securely attached to the top of your pack to enable it to be clipped to a helicopter grabbit hook.

Avoid having gear hanging from your pack or a pack that is too high.

Each Team Should Have:

- Radio
- Smoke Flare*
- Spare Batteries for Radio
- Dazzle Paint
- Dry Bag for Radio

*Normally Supplied at Base

Sharing gear:

You may not be placed in a team with your mates. Wait until you have been made into teams before redistributing gear to equalise loads.

Food:

Food must be lightweight, nourishing and easily prepared. Always carry your own food. If you get separated from the person who has your food, you could go hungry.

Listed below are the contents of an army ration pack ("rat pack.") These can be purchased made up or you may make up your own and customise them to suit. Having them on hand will save a lot of time in preparing for a search.

1 x Breakfast:

1/2 cup porridge (precooked type)
(add salt & 1 cup water, boil 3 min.)

2 x Lunches, each containing:

4 x Cabin bread
1/2 Cup milk powder
1 x Cup-a-soup

1 x Dinner:

1 x Freeze dried meat & rice
1 x Freeze dried dessert
1 x cup-a-soup

Supplementary:

3 x Milo
3 x Tea
8 x Sachets sugar
2 x Oxo Cubes
3 x Coffee Sachets
1 x Refresh
1 x Segment cheese
1/2 Cup sultanas
2 x Muesli bars
2 x Chocolate bars
6 x Barley sugars
2 x Salt (Sachets)

This should be sufficient for two days, but you may wish to add more. (Barley sugars, biscuits, scroggin, cheese etc.)

The Freeze dried meals could be substituted with Rice Risotto, macaroni cheese, etc. Breakfast alternatives can be rice, cereal, bacon, etc. Ensure that meals have a high energy content. The above may not be sufficient for some people, especially during arduous searches, cold climates, etc.

If these packs are sealed in airtight bags, they should have a reasonable shelf life. Make sure you check them regularly and replace as necessary.

APPENDIX 4

Auckland LandSAR Membership Pathway

