



# Pilot Information Pack

Version 1.0

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### ***Competition Organisation Team***

A dedicated **Competition Hotline +64 21 186 6632** is to provide a single point of contact to the competition management team. This Hotline will be manned between 0800hrs and 2200hrs daily by an experienced paraglider pilot.

**COMPETITION HOTLINE:** +64 21 186 6632

**Competition Organiser:** Mark Hardman, +64 21 809 275, [info@paraventures.co.nz](mailto:info@paraventures.co.nz)

**Launch Director:** Neal McAloon, +64 21 026 47973

**Assistant Launch Director:** Ken Hardman, +64 21 331 105

**Competition Scorer and Technical Delegate:** Tim Brown, +64 21 182 4243

# Schedule and Event Plan

## ***Competition Dates***

Sunday 28<sup>th</sup> January to Sunday 4<sup>th</sup> February 2018.

## ***Registration***

**Registration:** Saturday 27<sup>th</sup> January 2018, 4.30pm to 7.30pm.

**Pilot Briefing:** Saturday 27<sup>th</sup> January 2018, 8.30pm.

Competition Headquarters (HQ) is in the main auditorium in the Lake Wanaka Centre.

All pilots are required to register, pay, and attend the first pilot briefing prior to competing.

## ***Daily Schedule***

A morning briefing will be held each day at 8.30am. This will be at the competition HQ.

A “horse race” will follow the morning briefing on non-flyable days.

## ***Event Schedule***

The following events are planned for the week.

**Sunday 28<sup>th</sup> Jan:**

**Pilot Auction**, hosted by Rob Boyle, (limited) beer sponsored by MacPara

**Wednesday 31<sup>st</sup> Jan:**

**Competition BBQ**, sponsored by Ozone New Zealand

**Saturday 3<sup>rd</sup> Feb:**

**Freedom of Flight Film Festival**

All these events are free for competition pilots. You will be required to show your competition ID tag.

The Comp BBQ is free for all competition pilots. Extra tickets can be purchased non-competitors for \$15. How to do this will be announced at a morning briefing.

## ***Prize Giving***

The competition prize giving will be held at the Lake Wanaka Centre. The meal is free for all competition pilots. Extra tickets can be purchased for non-competitors for \$35

The buffet meal is being catered for by “The Spice Room” and the following will be available:

- Onion Bhaji and Chicken Malai Tikka as entree
- Lamb Roganjosh
- Butter Chicken
- Vegetable Jalfrezi
- Dal Makhani
- Garlic Naan
- Rice

The meal is planned for 7.30pm, but the final task will be taken into consideration.

## General Policies and Information

### **No Smoking & Fire Safety**

This Competition has a no-smoking policy. Smoking on launch or in landing areas is not permitted. The competition HQ is a no-smoking area.

#### **The fire risk is extreme:**

- No fires or flames of any type.
- No smoking.
- Pilots are strongly encouraged to carry a fire extinguisher and shovel in their vehicle.
- Pilots are strongly encouraged to carry water in their vehicle.
- A fire extinguisher will be present on launch and/or in the competition organisers vehicle.
- No speeding up or down the mountain. Every effort should be made not to overheat vehicle engines and/or break systems.
- No parking or stopping over long dry grass areas.

#### **In the event of a fire:**

- Make every effort to extinguish the fire (however keep yourself and others safe).
- If the fire is beyond your control call 111 immediately.
- Move to an area of safety – either an area designated during a pilot briefing, or a logical area of safety clear of the fire.
- Report your position and status as soon as possible to the competition hotline so all persons can be accounted for.
- Report any fire incident to the competition organiser, as soon as possible.

### **Drinking Water and Ballast**

There will be limited drinking water on launch. There will be insufficient for pilots to fill their camelbacks or ballast bags. There will be water for pre-launch drinks.

### **Rubbish**



You are responsible for your own rubbish. Do not litter on launch, in landing fields, or anywhere else.

Please contribute to keeping the Lake Wanaka Centre clean and tidy. Take your rubbish with you or place it in one of the bins provided. Recycling bins are clearly marked.

All pilots have been provided with a "Plastic Bag Free Wanaka" bag. We hope you will use it and it will reduce (or eliminate) the need for you to use plastic bags. If you don't want your bag or won't use it... please don't throw it out! Give it back to us.

### **Private Property**

Do not drive up private tracks looking for pilots. Pilots are required to walk to the nearest public road. Please contact the competition organiser before accessing private property.

It is particularly important that retrieve drivers do not drive up the Alpha Burn Station driveway. Wait at the Glendhu Bay campground for pilots to walk out.

### **Gates**

Gates should be left as found. If you open a gate, your REMAIN AT THE GATE until you can close it. No exceptions.

The Treble Cone gate is sometimes locked. Don't force it if you cannot get through. Do not give the lock combination to anyone who is not a NZHGPA member.

### **Toilet Facilities**

Please be considerate in where you go to the toilet. There will be two portaloo toilets on launch at Treble Cone and there is a long drop toilet in the Treble Cone landing area. Please use the long drop toilet where possible to avoid the need to have the porta-loos emptied mid-week. Please let the competition organiser know if more toilet paper is required.

# Transport and Flying

## **Task Committee**

The proposed Task Committee is:

- Grant Middendorf
- Louis Tapper
- Evan Lamberton

This will be confirmed at the first pilot briefing.

## **Site, Launch and Launch Order**

The flying site will be chosen and announced at the morning briefing. It is an expectation that all pilots will be ready to move to the chosen site immediately following the completion of the briefing. The most likely sites are Treble Cone, Cardrona and Coronet Peak.

Ordered launches will be used in all instances. Refer to the local rules for further information.

Unless briefed otherwise, there will be an “open” launch area at Treble Cone. This will be located above the road, on the ridge that extends above Pub Corner. A windsock or streamer will be placed to mark the top of the area. Should pilots exercise aggression, or unacceptable decision making, the open launch area may be closed.

Your pilot number is your launch order number on the first day. Your overall competition position will become your launch order number once a task has been successfully completed.

## **Landing Paddock Etiquette**

We will be landing on private property and so our sport relies on the goodwill of the property owners. Without landings we would not fly. When you land; No smoking until in your vehicle.

Do not climb over wire fences, use the nearest gate. If you see a landowner, introduce yourself, explain to them what you are doing on their property and thank them for the use of the landing. Ensure you cause no damage or disruption.

Avoid landing or over flying paddocks of livestock especially horses or deer. If animals get upset, STOP or sit down if it is safe to do so, and wait. Do not shout, wave your arms about or make other sudden moves. When they have calmed, walk away from them. If they again get spooked, STOP, put down your pack and leave it, walk away and around them to the owner’s home and explain what’s happen and ask for their help.

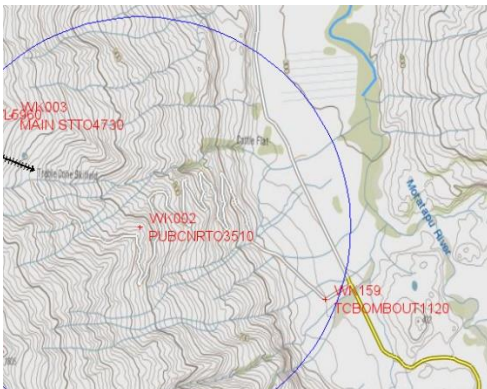
Do not land in crops.

Leave gates as you find them.

Do not drive into paddocks. If you cause damage, notify the land owner, explain and apologise. In addition, report damage to the Competition Organiser.

Do not smoke on launch, near any glider, or near long grass. There is a strict No Smoking Policy.

## **No Landing Areas**



**Treble Cone** – The area centred on Pub Corner, with a 2km radius, will be treated as a prohibited landing area for competition pilots (except in emergencies). Pilots are permitted to land in the TC bomb-out between the locked gate and the main road.

Refer to the local rules, and the map to the left for further information.



## Retrieves

It is the responsibility of competition pilots to organise their own retrieve. Hitchhiking is common and generally considered safe. Only hitchhike from a location where it is safe for a vehicle to stop.

Sharing rides with other pilots is common. A small donation is expected in return for a ride and you should not wait to be asked before offering. \$5 is generally expected for a ride from landing to launch. \$10 will be expected if the ride is from Wanaka to launch. Some drivers may request more, especially if we travel to Coronet Peak.

## Air Traffic

The Wanaka (and Queenstown) area is home to many aircraft and this presents a risk. It is vital that every pilot maintains an active watch, looking and listening for other aircraft. Be particularly mindful of helicopters.

The Wanaka Airport User Group meeting prepared the following statement for us:

### **Briefing Statement from the Wanaka & Queenstown Region User Groups**

*Welcome to the mountainous region of the Southern Lakes. Good luck with your placing in this competition.*

*It is with priority that we mitigate the real risk that exists within aerial congested regions within this Southern Lakes Area. You will be flying within this congested area. Companies flying from Wanaka and Queenstown have become proactive in obtaining a briefing from the organiser of this competition.*

*As a result, the User Group request that all competitors maintain a listening watch on their hand-held radios tuned to the appropriate frequency. If a radio call is heard within your vicinity, please broadcast your location and intention, even if it is on behalf of a dozen other paragliders. Alerting the fix wing or helicopter pilot of your intentions will assist in avoiding a mid-air collision.*

*If you have a SPOT Locator on your person please activate it.*

*Please become well-rehearsed on the topographical 1:250000 map of the reporting points located for aerial radio transmission. Also become aware of the terrain name identifiers so that if a position report is necessary by you, you will be able to relay your position.*

*The User Group will be informed by your organisers of the set task for the day and as a collective we will do our best to re-route the common flight path to mitigate the hazard of a mid-air collision.*

*Good luck and we wish you well.*

Pilots encouraged to fly with VHF Airband radios. Listen and broadcast your position when possible. It is acceptable to make position reports on behalf of a group of pilots.

Familiarise yourself with the VNC, the position reporting points and key land marks. Your competition maps include airspace boundaries.



- There are several common helicopter landing sites on ridgelines between Treble Cone and Mt Aspiring.
- Helicopters occasionally land on the hillside above the waterfalls near the Treble Cone landing.
- Helicopters commonly land on Coromandel Peak.
- The area around Roy's Bay, Mt Iron, Albert Town and on towards Lake Hawea in an area of intense plane and helicopter activity.
- Skydivers operate from Wanaka airport. Often on the south side.

## GPS Downloads / Scoring

Task verification will be done by the online Highcloud/ Aircore system. Pilots are responsible for uploading their own track logs.

To upload your track log, go to the following link: <http://highcloud.net/xc/>

1. Select Submit.
2. Choose "NZ PG Open 2018" from the competition drop down box.
3. Browse for your track log.



4. Enter your HGFA / Airscore number and Last Name. These must be exact or your track log will not be uploaded.
5. Enter your glider and select the category it belongs to.

## ***Live Tracking***

Live tracking of the competition will be available through the Airtribune website. This is not compulsory, but strongly recommended. Participating in this may provide other air users (including helicopters) on where we are flying.

Tracking using a smart phone:

1. Download and install the Airtribune App on your Smart phone.
2. Login to App using the same login used to register on the Airtribune website.
3. Check in to the New Zealand Paragliding Open competition on the App. This is done by selecting the Trophy symbol at the bottom of the App. Select the New Zealand Paragliding Open, then select Check In. This may take a few moments to complete. Make sure your GPS location is on.
4. Before launching at the start of a task, select the trophy symbol at the bottom of the app. Then select ACTIVATE LIVE TRACKING.

Tracking using a SPOT or Delorme InReach:

1. Log in to your account on the Airtribune website.
2. Open the following link <https://airtribune.com/newzealand/info> and select the "Live Trackers" tab. Another page will appear.
3. In the field "Your Satellite Tracking Device" select either SPOT or Delorme InReach.
4. In the field "Share Link" copy and paste the URL of your SPOT tracking shared page or your DELORME INREACH tracking page.

You can find your **SPOT** shared page by logging into you SPOT account via this link <https://login.findmespot.com/spot-main-web/auth/login.html>

You can find you **Delorme InReach** share page by logging into your account via this link <https://explore.delorme.com/Account/LogOn?ReturnUrl=%2f>

Pilots can follow the live tracking online, but also on a large TV in the window of Ray White Real Estate on Helwick Street.

## ***Mobile Phone Communication***

A competition HOTLINE has also been established to provide direct contact with the competition management team:

**+64 21 186 6632**

Phone reception is virtually non-existent in valleys to the west of Treble Cone.

## ***Radio Communication***

Competition and pilot communication during the event will be by means of a CB-UHF (476.425MHz to 477.400MHz) UHF radio. The **Competition Safety Frequency** is **channel 7 (without tone squelch)**. This is 476.575 MHz. All pilots are required to monitor the Safety Frequency either directly or indirectly.

Where pilots choose to fly on a Team Channel, at least one team member must monitor the Safety Frequency and must relay safety messages on their Team Channel.

It is each pilot's responsibility to ensure they are able to receive safety messages. Where a pilot suspects they are not receiving safety messages, they must begin monitoring the Safety Frequency personally.

Radio checks must not be carried out on the safety frequency once the first pilot has launched.

Pilots should change to channel 8 (476.600) as soon as they land. Pilots wanting to report their safe landing should do so on channel 8, NOT the Safety Frequency. All retrieve coordination should occur on this channel.

# Safety

## ***Safety Committee***

This will be confirmed at the first pilot briefing.

## ***Sign In / Out***

Pilots must sign-in each day. If you have not signed-in, you are not competing in that task.

A sign-out time will be announced at the task briefing. Sign-out can be completed by:

- SMS to the Competition HOTLINE (+64 21 186 6632). State you name, pilot number and that you have landed safe.
- In person, to the competition organiser or launch director
- Via Spot or Inreach. State you name, pilot number, phone number, and that you have landed safe.
- Correctly uploading a track log for scoring.

Confirmation of sign-out will not be provided by SMS. A website will be available for pilots to check if they have been confirmed as signed out.

If you do not sign out by the briefed time the Emergency Procedures will start.

## ***Cloud Flying***

Cloud flying is not permitted under any circumstances.

## ***Airspace***

GPS altitudes will be used. There will be a zero tolerance policy, as per the local rules.

## ***First Aid Kit***

A first aid kit is available in the Competition Organisers vehicle. This is likely to be on launch until all pilots have launched.

## ***Fire Extinguisher***

A fire extinguisher is available in the Competition Organisers vehicle. This is likely to be on launch until all pilots have launched.

## ***Emergency Plan and Management***

Every competition pilot should have an Emergency Plan in their pilot packs. Please fly with this to ensure you have access to key phone numbers.

If an accident or serious incident occurs, Mark Hardman, the Competition Organiser should be contacted as soon as possible.

If you suspect a pilot may be in difficulty, please notify the Competition Organiser.

If there is a problem, we want to know about it as soon as possible, even if all details are not yet available.

## Waypoints

Name	Description	Coordinates	Altitude[m]
WK001	BLACKPKSPUR4360	44°35'12.8"S 168°52'02.3"E	1330
WK002	PUBCNRTO3510	44°38'15.4"S 168°54'32.8"E	1070
WK003	MAIN STTO4730	44°37'41.2"S 168°53'37.0"E	1442
WK004	CATTLEFLTJN1020	44°36'18.7"S 168°54'51.5"E	310
WK005	TCJUNCTION1070	44°38'31.9"S 168°56'03.5"E	325
WK006	PYRAMID2980	44°39'18.7"S 168°55'39.4"E	910
WK007	SHANIASPUR3810	44°42'05.0"S 168°56'11.0"E	1160
WK008	GLENDHUHILL2460	44°39'44.6"S 168°58'15.6"E	750
WK009	ROCKYHILLS2530	44°38'21.1"S 168°58'09.8"E	770
WK010	LOOKOUTHILL3350	44°35'30.1"S 169°00'16.6"E	1021
WK011	ROCKYHILLN1510	44°36'32.4"S 168°56'47.8"E	460
WK012	ALTATARN4660	44°31'59.5"S 168°57'05.4"E	1420
WK013	MTDEREK1940	44°30'57.2"S 168°54'07.2"E	590
WK014	TRIPLEPKSPR3810	44°29'31.2"S 168°54'12.2"E	1160
WK015	GBURNBRIDGE1220	44°26'51.7"S 168°48'23.0"E	371
WK016	EMATUKIHSTD1160	44°27'55.4"S 168°47'59.3"E	355
WK017	MILLCRKTARN3610	44°28'03.4"S 168°51'19.1"E	1100
WK018	GLENFINANFD1080	44°29'28.0"S 168°49'44.8"E	330
WK019	RASPBRRYCRK1240	44°30'38.5"S 168°44'35.2"E	379
WK020	TANIWHA3990	44°28'35.4"S 168°47'04.9"E	1216
WK021	BRIDALVEIL1830	44°30'21.2"S 168°41'12.1"E	558
WK022	CASCADEHUT1410	44°29'34.1"S 168°40'07.0"E	430
WK023	ASPIRINGHUT1520	44°28'37.9"S 168°39'37.4"E	465
WK024	FRENCHRHUT4870	44°25'43.3"S 168°41'39.5"E	1484
WK025	LIVERPOLHUT3510	44°25'52.0"S 168°39'55.8"E	1070
WK026	MATUKISTN1030	44°33'38.5"S 168°53'02.8"E	315
WK027	PHOEBEHILL1680	44°35'02.4"S 168°53'56.4"E	512
WK028	NIGERBLUFFS1970	44°31'05.9"S 168°52'19.6"E	600
WK029	GLENDHUBAY930	44°40'28.2"S 169°01'04.8"E	285
WK030	SILVERBARN1020	44°39'43.2"S 169°03'23.4"E	310
WK031	DAMPERBAY920	44°39'32.8"S 169°04'03.4"E	280
WK032	ENDPKSPUR4380	44°40'55.6"S 168°55'47.3"E	1335
WK033	ROBROYSPUR4530	44°29'28.7"S 168°44'07.8"E	1381
WK034	MTROYTO1750	44°40'22.4"S 169°03'54.7"E	534
WK035	MIDTRIANGLE3410	44°41'43.8"S 169°01'23.5"E	1040
WK036	HILLENDTO2640	44°43'50.2"S 169°06'56.2"E	804
WK037	WATERFALLCK2430	44°41'59.6"S 169°05'09.2"E	740
WK038	PEMBROKEPRK920	44°41'48.5"S 169°07'59.2"E	280
WK039	MTIRON1800	44°41'35.5"S 169°09'54.0"E	548
WK040	MTBARKER1920	44°43'54.5"S 169°10'40.8"E	586
WK041	KATBRYANTO1300	44°39'51.8"S 169°15'40.0"E	395
WK042	MTMAUDE2940	44°37'08.8"S 169°13'09.5"E	897
WK043	DUBLINBAY920	44°39'01.8"S 169°10'10.9"E	282
WK044	LAKHAWEARSV1210	44°36'39.2"S 169°15'35.3"E	370

WK045	BRYANSKNOB3120	44°35'31.2"S 169°19'53.0"E	952
WK046	BREASTPKTO5180	44°33'43.2"S 169°21'25.2"E	1578
WK047	TIMARUKNOB3230	44°32'48.8"S 169°19'48.0"E	986
WK048	TIMARUCREEK1140	44°32'22.6"S 169°18'47.2"E	346
WK049	CATTLEYARDS1150	44°30'43.9"S 169°18'23.0"E	350
WK050	DINGLEBRIDG1230	44°26'09.2"S 169°23'44.2"E	375
WK051	CORNERPKFRD1280	44°28'46.6"S 169°19'05.9"E	390
WK052	MTJONES5440	44°22'44.4"S 169°27'33.8"E	1660
WK053	BDYCRKFORD1310	44°19'26.8"S 169°26'20.8"E	400
WK054	ARNOLDSPUR4830	44°19'26.4"S 169°28'13.1"E	1472
WK055	DINGLESPUR3990	44°24'07.2"S 169°26'08.9"E	1216
WK056	THENOOK1400	44°36'56.5"S 169°19'17.0"E	426
WK057	GRDVIEWSPUR4090	44°38'19.0"S 169°20'44.5"E	1246
WK058	LAGOONVYKNB2660	44°39'54.7"S 169°19'12.4"E	809
WK059	LGGULLYLRT02370	44°47'16.8"S 169°22'45.8"E	723
WK060	LGGULLYRRT02970	44°46'22.8"S 169°23'00.2"E	905
WK061	LGGULLYPTO3100	44°46'10.2"S 169°22'51.2"E	944
WK062	DEEPCREEK2250	44°47'45.2"S 169°23'56.8"E	686
WK063	WAIORAUTO4890	44°52'32.2"S 169°04'27.8"E	1490
WK064	TUOHYSGULLY3850	44°53'54.2"S 169°01'23.5"E	1174
WK065	CARDHOTEL1820	44°52'57.0"S 169°00'11.2"E	555
WK066	CRIFFELFACE2170	44°45'16.9"S 169°08'56.4"E	663
WK067	SPOTTSCKBR1300	44°46'30.7"S 169°05'25.1"E	395
WK068	LITTLCRIFFE 4400	44°47'28.3"S 169°07'37.2"E	1341
WK069	WANAKAAIRPO1120	44°43'19.9"S 169°14'46.0"E	342
WK070	LUGGATEPUB940	44°44'58.2"S 169°16'10.2"E	287
WK071	CRIPPLETNJN660	44°55'54.8"S 169°18'10.4"E	200
WK072	QBERRYVMST2230	44°49'16.0"S 169°19'12.4"E	681
WK073	PISAMOORING660	44°58'45.1"S 169°14'10.0"E	200
WK074	CWELLFRUIT680	45°02'08.9"S 169°11'49.9"E	206
WK075	OMAKAUGOAL1000	45°05'40.2"S 169°36'07.2"E	304
WK076	STBATHANSHT1890	44°52'16.7"S 169°48'39.2"E	575
WK077	OMARAMAGOAL 1410	44°29'21.8"S 169°57'28.1"E	430
WK078	AHURIRIGOAL1960	44°29'51.4"S 169°45'32.4"E	598
WK079	MORVENHILLS1550	44°38'12.5"S 169°30'36.0"E	472
WK080	KIDDSBUSH1140	44°26'30.5"S 169°15'45.0"E	347
WK081	SECRETSPUR3590	44°25'49.4"S 169°13'51.6"E	1094
WK082	ISTHMUSPEAK4550	44°27'46.8"S 169°12'01.8"E	1386
WK083	CRAIGBNSPUR2760	44°31'58.1"S 169°13'10.6"E	841
WK084	BDYCREEK930	44°21'07.6"S 169°10'07.7"E	285
WK085	MAKCTRYCAFE950	44°15'54.0"S 169°12'10.4"E	290
WK086	MAKNORTH1080	44°13'50.9"S 169°13'57.7"E	328
WK087	CAMERONFLAT1130	44°09'23.0"S 169°18'05.0"E	345
WK088	DAVISFLAT1200	44°08'04.9"S 169°20'08.2"E	365
WK089	PLEASANTFLT330	44°00'43.2"S 169°22'54.8"E	100
WK090	CORONETTO3720	44°55'44.0"S 168°44'04.2"E	1133
WK091	CORONETRD3280	44°55'59.5"S 168°44'08.5"E	999
WK092	FORESTRIG2800	44°56'09.6"S 168°48'26.6"E	852

WK093	FLIGHTPARK1460	44°56'30.5"S 168°46'40.8"E	446
WK094	BROWPEAK4780	44°54'34.6"S 168°48'13.7"E	1456
WK095	BROWSPUR3810	44°55'08.4"S 168°48'23.8"E	1160
WK096	BUSHCRKSDLE2620	44°55'58.8"S 168°45'53.3"E	800
WK097	ROCKYGLLYTO3900	44°55'35.4"S 168°44'49.9"E	1190
WK098	CRASHRIDGE5020	44°36'28.1"S 168°52'07.7"E	1530
WK099	HARVEYGULLY3420	44°46'57.4"S 169°02'27.6"E	1043
WK100	BRANCHBURN2190	44°49'14.2"S 169°03'02.5"E	668
WK101	TARRAS890	44°50'14.3"S 169°24'41.8"E	272
WK102	LINDISCROSS730	44°52'50.2"S 169°21'16.2"E	222
WK103	ARDGOURKNOB1420	44°52'13.4"S 169°27'04.7"E	433
WK104	CLUDENQRY1070	44°48'07.6"S 169°30'39.6"E	325
WK105	LINDISPEAK4020	44°44'01.0"S 169°28'02.3"E	1226
WK106	GOODGERRDGE2680	44°42'32.0"S 169°35'21.8"E	816
WK107	LINDISPASS2620	44°34'33.6"S 169°37'25.7"E	800
WK108	MAORIPTQRRY800	44°49'27.8"S 169°21'02.2"E	245
WK109	LGGULLYSTRP830	44°47'10.3"S 169°21'19.4"E	253
WK110	GRNISLNDSPR3870	44°15'04.0"S 169°29'38.8"E	1178
WK111	GLENDENE3790	44°34'59.5"S 169°13'19.9"E	1155
WK112	MAKSOUTH920	44°18'07.9"S 169°11'50.6"E	281
WK113	MTCONSTTION6360	44°17'21.8"S 169°14'39.8"E	1939
WK114	MTERNEST6160	44°15'55.8"S 169°15'14.4"E	1878
WK115	GLENGYLE4280	44°29'06.0"S 168°41'23.3"E	1305
WK116	HILLENDUPPR3740	44°43'28.9"S 169°05'28.3"E	1140
WK117	ATOWNBRIDGE900	44°40'50.5"S 169°11'25.4"E	275
WK118	JEFFSFOLLY3190	44°36'49.0"S 169°20'52.1"E	972
WK119	BACKPYRAMID3610	44°39'41.0"S 168°55'36.8"E	1100
WK120	ELEVATOR4780	44°40'06.2"S 168°55'15.2"E	1458
WK121	MATUKIBOWL5960	44°37'37.9"S 168°52'53.4"E	1817
WK122	BUCHNANSPUR4350	44°34'17.4"S 168°56'58.9"E	1325
WK123	CORONETPEAK5410	44°54'58.0"S 168°44'22.6"E	1651
WK124	MACETOWN2130	44°51'51.8"S 168°49'09.1"E	650
WK125	BRANCHESSTN1630	44°45'00.7"S 168°43'56.3"E	498
WK126	SKIPPERSTCE1900	44°50'45.2"S 168°40'46.6"E	580
WK127	VANGUARDPK5840	44°51'15.1"S 168°44'40.2"E	1781
WK128	MTSOHO5750	44°51'49.0"S 168°51'33.8"E	1752
WK129	ADVANCESPUR3810	44°51'01.4"S 168°48'13.3"E	1160
WK130	DALEFIELD1280	44°58'22.8"S 168°44'42.4"E	393
WK131	MOONIEPK1600	44°57'12.2"S 168°45'56.9"E	488
WK132	HOGANS GULLYINT1280	44°58'01.6"S 168°50'56.8"E	390
WK133	MTCARDRONA6350	44°51'04.3"S 168°56'21.1"E	1936
WK134	CARDRONATOFF4120	44°52'22.4"S 168°58'02.6"E	1257
WK135	CARDRONABOMBEBEAST2120	44°51'43.2"S 169°00'10.1"E	645
WK136	MIDDLEPEAK6020	44°46'12.4"S 168°59'08.9"E	1835
WK137	SLOPEHILLVOR2030	44°59'03.1"S 168°46'57.7"E	619
WK138	BEETHAM3050	44°57'00.4"S 168°51'51.8"E	929
WK139	DOUBLECONE7610	45°04'18.5"S 168°48'29.2"E	2319
WK140	ATOWNHILL2200	44°56'09.2"S 168°50'33.7"E	670

WK141	CORONETNW4940	44°54'34.2"S 168°43'00.1"E	1505
WK142	CROWNRANGE5680	44°57'12.6"S 168°55'14.5"E	1730
WK143	MTROCKSHUTS4860	44°59'16.4"S 168°58'04.1"E	1482
WK144	MORVENFERRYHILL1640	45°00'10.4"S 168°51'21.6"E	500
WK145	ARTHURSPOINTHILL3150	44°58'09.8"S 168°40'27.5"E	960
WK146	DEREKANDJAN1050	44°39'39.2"S 169°16'43.0"E	320
WK147	KNUCKLEPK5920	44°47'18.3"S 168°55'22.9"E	1804
WK148	HIGHLAND5580	44°47'08.1"S 168°57'19.3"E	1700
WK149	MTPISA6440	44°52'19.1"S 169°11'24.4"E	1963
WK150	SECRETCHUTE5910	44°51'22.4"S 168°57'07.0"E	1800
WK151	BIGEASY4260	44°55'27.0"S 168°44'35.4"E	1298
WK152	SOHORIDGE4920	44°52'27.9"S 168°51'42.2"E	1500
WK153	ADVANCEPK5740	44°49'38.7"S 168°47'32.1"E	1749
WK154	MCLEODSBLUFF2180	44°48'24.0"S 168°44'34.6"E	665
WK155	VIEWCNR5310	44°52'37.2"S 168°57'05.2"E	1618
WK156	CARDRONAPYR2650	44°51'56.6"S 168°59'07.1"E	809
WK157	CARDRONAHILL4240	44°50'26.2"S 168°58'47.8"E	1291
WK158	CARDRONAUPPER4450	44°52'17.3"S 168°57'48.5"E	1355
WK159	TCBOMBOUT1120	44°38'37.3"S 168°55'52.7"E	341
WK160	GRANDVIEWBOMBOUT1330	44°37'47.3"S 169°18'47.9"E	405
WK161	LGBOMBOUTE1350	44°47'30.1"S 169°23'30.8"E	410
WK162	LGBOMBOUTW1200	44°47'51.7"S 169°21'24.8"E	365