








Rescue Helicopter Flight Guide

HAWKE'S BAY BASE

To be carried onboard both Air 1 Hastings (IBK) & Air 2 Hastings (HFZ)

AMENDMENTS/VERSION NUMBER

Version No.	Date:	Key Changes:	Signed:
V1.0	25/09/2008	Wellington & Auckland Hospital Helipad instructions/update, Destinations and their MSA's, RCCNZ Requirements	
V1.1	10/07/2010	General update, add Mahia RALLPAD, update Wellington & Auckland Hospital helipads, add Mahia routes, add Topo50 map reference, update FISCOM chart	
V1.2	23/9/2010	Update Camps, huts & school map references	
V1.3	04/11/2011	Updated important ph no., FISCOM chart, aviation radio & nav aids, separated tactical radios into HFZ & IBK, updated Waipukurau & Wairoa landing plates	
V1.4	18/09/2012	Updated IBK Tactical Radios to include Matariki, formally known as Rayonair. Updated FISCOM chart.	

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IMPORTANT PHONE NUMBERS

EACC

0800 244 111

OSJ HB DOM Stephen Smith:

04 472 2999
027 4934937

COASTGUARD

Cell: 027 484 1161
Radio Room: 06 835 0193
Office: 06 834 1345
Dick Hilton: 027 2333344

POLICE

Hastings: 06 878 3007
Napier: 06 831 0700
SAR: Luke Shadbolt: 027 478 9001
Blair Pryce: 027 261 1734

NZRCC:

0508 472269
04 914 8380

ATC

Napier Tower 06 835 7584
Wellington Tower: 04 387 1980
Mechanics Bay: 09 377 4406

HOSPITALS

Hastings Hospital: 06 878 8109
Wellington Hospital: 04 385 5999
Wairoa Hospital: 06 838 7099
Waikato Hospital: 07 839 8899
Auckland Hosp Duty Manager: 021 943 748
Palmerston Nth Hospital: 06 356 9169

EMS Helicopter Bases

Palmerston North: 06 350 8014
Wellington: 04 387 2743
Hamilton: 07 839 8869
Auckland: 09 309 6893
Taupo: 07 378 8074
Gisborne: 07 863 2300

NBO:

0800 626 756 (Land line only)
0900 62 675 (Mobile calls)

DZM 1 INSTRUCTIONS (HFZ)

To make speed dial call:

Press 7 (spd cel) or 8 (spd sat)

Press assigned number 1-9

Press Enter (connect)

Cell:

- | | | |
|----|-------------------|--------------|
| 1. | Ambulance control | 0800 262266 |
| 2. | NZRCC | 0508 472269 |
| 3. | WN Hosp | 04 385 5855 |
| 4. | NBO | 0800 626756 |
| 5. | Hangar | 06 878 1633 |
| 6. | Chief Pilot | 0274 426 524 |
| 7. | Jeremy Bruce | 0274 927 277 |

Sat:

- | | | |
|----|-------------------|-----------------|
| 8. | Ambulance control | 0064 4 472 2999 |
| 9. | RCCNZ | 0064 4 914 8380 |

To redial last entered no.

Press 7 (Spd Cel) or 8 (Spd Sat)

Press enter

To make phone call:

Press 4 (Dial Cel) or 5 (Dial Sat)

Enter phone no. - Sat calls enter country code

Press Enter (Connect) to start call

DZM 2 INSTRUCTIONS (IBK)

Flightcell® DZM2 Quick Start Guide



This **Quick Start Guide** explains how to use the main DZM2 functions. Your DZM2 Operation Manual provides more comprehensive configuration and usage instructions.

❶ Switching the DZM2 on and off

If 'Auto Power On' feature is enabled: The DZM2 will automatically switch on when aircraft power is turned on and switch off when aircraft power is turned off.

If 'Auto Power On' feature is disabled:

- > To switch on manually, press and release the POWER/ENTER key.
- > To switch off manually, press and hold the POWER/ENTER key until the progress bar reaches the end.



❷ Making a voice call

Your DZM2 installation may include either an Iridium satellite phone, cellphone or both.

To dial a call manually:

- > Select the phone to be used by pressing the DIAL SAT or DIAL cell key.
- > Enter the number to be dialed.
- > Press the CONNECT key.



For SAT calls, press and hold the 0 key for the international dialing prefix +, followed by country code, area code and number. For CELL calls, enter the number as for a normal cellphone call (some countries do not require an area code for local calls).

To call a number stored in the DZM2 phonebook:

- > Press the DIR key to open the phone directory.
- > Use the UP and DOWN arrow keys to scroll to the number to be called.
- > Press the DIAL SAT or DIAL CELL key to connect.



To call using DZM2 quick dial keys: The MR1, MR2 and MR3 quick dial keys use the first three numbers in the DZM2 phonebook.

- > Press the quick dial key required.
- > Press DIAL CELL or DIAL SAT to connect.



To end a call: Press the END key.

❸ Answering an incoming voice call

Your headset rings and the DZM2 display flashes when an incoming call is received.

To answer a call: Press the CONNECT key.

To reject or end a call: Press the END key.



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- > Press the quick dial key required.
- > Press DIAL CELL or DIAL SAT to connect.



To end a call: Press the END key.

3 Answering an incoming voice call

Your headset rings and the DZM2 display flashes when an incoming call is received.

To answer a call: Press the CONNECT key.

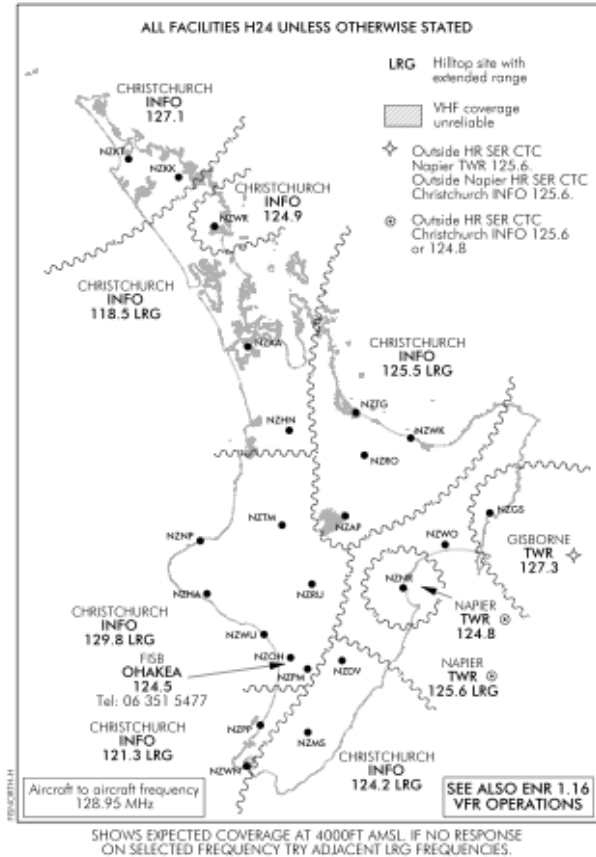
To reject or end a call: Press the END key.



AVIATION RADIO & NAVIGATION AIDS

Station	ATIS	TWR	Control	VOR/DME	ADF
NR	128.00	124.80 118.10	119.50 CH 119.20 CH 126.20 OH	113.80	-
HS	132.95	125.80	124.80 NR 126.20 OH	-	-
WO	-	119.10	119.20 CH 127.30 GS	-	246
GS	126.40	127.30	127.30 GS 119.20 CH 119.5 CH	114.20	-
Kaimanawa CFZ	-	134.0	126.20 OH 119.50 CH	-	-
AP	125.20	118.40	119.50 CH	116.7 DME Only	230
WN	126.90	118.80	122.30 WN	112.30	358
PP	128.40	118.30	122.30 WN	117.30 DME Only	242
Manawatu CFZ	-	122.60	122.30 WN 125.10 OH	-	-
MS	132.80	119.10	126.20 OH	-	-
PM	129.70	120.60	125.10 OH 123.70 CH	113.40	
HN	128.60	122.90 126.80	126.00 CH 125.30 CH 119.5 CH	114.00	390
AA	127.80	118.70	124.30 AA	114.80	
AR	121.0	118.1	124.30 AA	-	-
AK City MBZ & Hauraki Gulf CFZ	-	120.40	124.30 AA	-	-

FISCOM Chart



**FISCOM Chart Above Example Only
Check AIP for latest issue**

HFZ TACTICAL RADIO CHANNELS

Ambulance:

Scan Groups: **Auckland** **Midlands** **Central**

#	CH name:	#	CH name:
007	KAI/WAI	043	REWA
008	NTH COMD	044	RG4 ES27
009	THAM/KKO	045	RG4 ES28
010	TAIRUA	046	ERINGA
011	S AK/RUS	047	CLIMIE
012	W/WORTH	048	RG4 ES31
013	WHNGAREI	049	PUKERUA
014	AK CITY	050	RG4 ES33
015	DARGVLE	051	WSH HILL
016	TORBAY	052	RG4 ES35
017	HSNVILLE	053	RG4 ES36
018	BRNDWYN	054	RG4 ES37
019	PIOPIO	055	CHAN 55
020	TOK-GISB	056	CHAN 56
021	EAST CPE	057	CHAN 57
022	TE KUITI	058	CHAN 58
023	TAUM-TPS	059	CHAN 59
024	ROTORUA	060	CHAN 60
025	RAG-OPOT	061	CHAN 61
026	REPOROA	062	CHAN 62
027	TAURANGA	063	CHAN 63
028	TAUPO	064	CHAN 64
029	HAMILTON	065	CHAN 65
030	HLY-WHAK	066	CHAN 66
031	WAIROA	067	CHAN 67
032	MARTON	068	CHAN 68
033	PALM NTH	069	CHAN 69
034	PARAPARA	070	CHAN 70
035	TARARUA	071	CHAN 71
036	NAP NTH	072	CHAN 72
037	TAIHAPE	073	CHAN 73
038	NAPIER	074	CHAN 74
039	DESRT RD	075	CHAN 75
040	HORWHEN	076	CHAN 76
041	WAIPUK	077	CHAN 77
042	PORANGAH	078	CHAN 78

Marine

#	CH name	#	CH name
080	MARINE 6	084	MARIN 68
081	MARIN 12	085	MARIN 69
082	MARIN 16	086	MAR 82
083	MARIN 62		

- Hawke's Bay Coastguard channel

Fire

#	CH name	#	CH name
087	FIRE 1	090	FIRE 4
088	FIRE 2	091	FIRE RP
089	FIRE 3	092	EX63 GS
		096	INT DUPX

- Initial contact with Incident Controller on arrival at a fire or to contact any urban fire unit as they always monitor this channel in their units
- Dedicated Air to Ground channel during fire operations
- Note: Fire Com is able to be contacted on all regional fire channels on the police Tait radio
- Note: Also try 133.475 or 134.6 on aviation radio at all Hawke's Bay fires

Forestry – Rayonier (Matariki)

#	CH name	#	CH name
101	RAYN MOH	105	RAYN KAW
102	RAYN ESK	106	RAYN SPX
103	RAY FIRE	107	RAYN MN
104	RAYN GWS		

Forestry – Pan-Pac

#	CH name	#	CH name
108	P/P TARA	113	P/P KAW
109	P/P GWS	114	P/P SAW
110	P/P ESK	115	P/P MILL
111	P/P KAK	116	P/P MLL2
112	P/P SIMP	117	P/P CH17

- Make initial contact on channel 108 TARA or as its commonly know by Pan Pac – Channel 8

Department of Conservation

#	CH name	#	CH name
201	DOC 1	211	DOC 11
202	DOC 2	212	DOC 12
203	DOC 3	213	DOC 13
204	DOC 4	215	DOC 15
205	DOC 5	216	LIAS PRU
206	DOC 6	217	DOC 17
207	DOC 7	218	LIAS SX
208	DOC 8	219	DOC 19
209	DOC 9	220	DOC 20
210	DOC 10		

SAR

#	CH name	#	CH name
401	SAR 01	407	SAR 07
402	SAR 02	408	SAR 08
403	SAR 03	409	SAR 09
404	SAR 04	410	SAR 10
405	SAR 05	411	SAR G-A
406	SAR 06		

- Most common SAR channels

Misc

#	CH name	#	CH name
118	BAY SMP	421	HBCC 01
119	BAY HELI	422	HBCC 02
301	UNI 1	097	LIASON
302	UNI SPX	098	SIMPLX1
		099	SIMPLX2

- Emergency services liaison channel for use at all incidents by all emergency services

HFZ POLICE CHANNELS

#	ZONES	#	SCAN GROUPS
01	VERSION		
02	NORTHLAND	HAWKES BAY	HB CITY
03	AUCKLAND		HB RURAL
04	WAIKATO		FIRE HB
05	BAY OF PLENTY		
06	GISBORNE	GISBORNE	GIS RRL
07	HAWKES BAY		GISBNE
08	TARANAKI		WAIROA
09	WANGANUI		EAST CAPE
10	PALM NORTH		
11	WELLINGTON	BAY OF PLENTY	TAUR-1
12	NELSON		TAUR-2
13	WEST COAST		WHAKATNE
14	CH / CANT		ROT CITY
15	STH-CANT		ROT RURAL
16	DN / OTAGO		TOK TAUPO
17	SOUTHLAND		FIRE TGA
18	SIMPLEX		FIRE ROT
19	SPECIAL OP		TGA RURAL
		PALM NORTH	PNTH-2
			FIRE P/N
			P NTH-1
			LEVIN
		WELLINGTON	MANA-1
			WGTN-1
			HUTT-1
			MASTERTON
			AREA-1
			AREA-2
			FIRE-WN

KEY:

POLICE EXCLUSIVE

(Urban & Rural)

FIRE EXCLUSIVE

(Urban only)

SHARED POLICE / FIRE

(Urban & Rural)

- For all AOS ops use AOS 1D channel on Motorola AOS radio
- Fire Com is able to be contacted on all regional fire channels on the police Tait radio.

IBK TACTICAL RADIOS

There are four FM tactical radios installed in IBK. They are;

1. Tac 1 – Ambulance Radio
2. Tac 2 – Forestry Radio
3. Tac 3 – Police Radio (AOS)
4. Tac 4 – Police Radio

They are all very user friendly to use and frankly quite self explanatory. Simply enter the **"Menu"**, and choose either **"Zone"** to select the region or group (e.g. Ambo, Fire, Forestry etc), or the individual **"Channel"** you desire and push **"Select"**.

With both the Tac 1 and Tac 2 radios, the **"Call"** button on the bottom left of the screen will bring up the most commonly used channels or zones. This eliminates the need to go through the **"Menu"** function to find them and is essentially a **"quick find"** menu.

With Tac1 or the ambulance radio, the 4 **"F"** buttons are programmed to send the programmed message to ambulance communication centers as follows;

- F1 – Responding
- F2 – Located
- F3 – Transporting
- F4 – On Station

The following pages display the different zones and channels loaded into the each of the tactical radios in IBK.

IBK Ambulance Channels – TAC 1

Channel Name	Channel Name	ZONE Names
S/AKRUS	PORANGA	Ambo
HLY/WHAK	REWA	Marine
LIASON	RG4 ES27	Fire
SIMPLEX 1	RG4 ES28	Other
SIMPLEX 2	ERINGA	SAR
KAI/WAI	CLIMIE	DOC
NTH COMD	RG4 ES31	Forestry
THAM/KKO	PUKERUA	
TAIRUA	RG4 ES33	
W/WORTH	WSH HILL	
WHNGAREI	RG4 ES35	
AK CITY	RG4 ES36	
DARGVLE	RG4 ES37	
TORBAY	RG5 ES26	
HSNVILLE	RG5 ES27	
BRNDWYN	RG5 ES28	
PIOPIO	RG5 ES29	
TOK/GIS	RG5 ES30	
EAST CPE	RG5 ES31	
TE KUITI	RG5 ES32	
TAUM/TPS	RG5 ES33	
ROTORUA	RG5 ES34	
RAG/OPOT	RG5 ES35	
REPOROA	RG5 ES36	
TAURANGA	RG5 ES37	
TAUPO	RG6 ES26	
HAMILTON	RG6 ES27	
WHANG/WAI	RG6 ES28	
MARTON	RG6 ES29	
PALM NRTH	RG6 ES30	
PARAPARA	RG6 ES31	
TARARUA	RG6 ES32	
NAPIER NTH	RG6 ES33	
TAIHAPE	RG6 ES34	
NAPIER	RG6 ES35	
DESERT RD	RG6 ES36	
HORWHEN	RG6 ES37	
RAE/WAIPUK		
		CALLS
		Function
		Auckland Ambo
		Sth Auck Ambo
		Waikato Ambo
		Gisborne Ambo
		Hawkes Bay Ambo
		Central Ambo
		Wellington Ambo
		Masterton Ambo
		Liaison Simplex
		Marine 16
		Marine 82
		Fire 1
		Fire 4

Notes:

- Calls function stores the most common zones and channels we use and is a quick find option

IBK Forestry & Fire Channels – TAC 2

Matariki		Pan Pac		Fire	
No.	Name	No.	Name	No.	Name
	MTRKI Mohaka 1		PanPac TARA		FIRE 1
	MTRKI 2		PanPac GWS		FIRE 2
	MTRKI Simp 6		PanPac ESK		FIRE 3
	MTRKI Desp 7		PanPac KAK		FIRE 4
	MTRKI Simp 57		PanPac SIMPL		FIRE REPEATER
	MTRKI Awaho 69		PanPac KAW		INTERSRV DUP
			PanPac SAW		LIASON
			PanPac MILL		BAY FRST FIRE
			PanPac MILL2		
			PanPac CH17		

Notes:

- Matariki used to be known as Rayonair
- For Pan Pac missions make initial contact on TARA channel, also known as channel 8
- At arrival to a fire make initial contact to incident controller on Fire 1 channel and follow their instructions
- All urban fire appliances monitor Fire 1
- Fire 4 channel is dedicated air to ground channel at fires
- Fire Comm is able to be contacted on all regional fire channels on the Police TAC 4 radio
- 133.475MHz or 134.6MHz on the normal aviation radios is sometimes used as well

IBK Marine, DOC, SAR, Other Channels TAC 2

Marine	Marine	DoC	SAR/Other
No. Name	No. Name	No. Name	No. Name
Marine 01	Marine 61	DOC 01	SAR 01 Simplex
Marine 02	Marine 62	DOC 02	SAR 02 Simplex
Marine 03	Marine 63	DOC 03	SAR 03
Marine 04	Marine 64	DOC 04	SAR 04
Marine 05	Marine 65	DOC 05	SAR 05
Marine 06	Marine 66	DOC 06	SAR 06
Marine 07	Marine 67	DOC 07	SAR 07 Fixed
Marine 08	Marine 68	DOC 08	SAR 08 Fixed
Marine 09	Marine 69	DOC 09	SAR 09 Fixed
Marine 10	Marine 70	DOC 10	SAR 10 Fixed
Marine 11	Marine 71	DOC 11	SAR Gnd to Air
Marine 12	Marine 72	DOC 12	
Marine 13	Marine 73	DOC 13	
Marine 14	Marine 74	DOC 15 Simplex	
Marine 15	Marine 75	DOC 16 Lias Rp	
Marine 16	Marine 76	DOC 17 Simplex	
Marine 17	Marine 77	DOC 18 Lias Sp	Other
Marine 18	Marine 78	DOC 19	
Marine 19	Marine 79	DOC 20 STSP	
Marine 20	Marine 80		BAY SIMPLEX
Marine 21	Marine 81		BAY HELI
Marine 22	Marine 82		UNISON 1
Marine 23	Marine 83		UNISON Simplex
Marine 24	Marine 84		HBCC 01
Marine 25	Marine 85		HBCC 02
Marine 26	Marine 86		
Marine 27	Marine 87		
Marine 28	Marine 88		
Marine 29	Marine 89		
Marine 30	Marine 90		
Marine 31	Marine 91		
Marine 60			

Notes:

- Most common SAR channels
- Hawke's Bay Coastguard channel
- Marine 16 channel which is to be used during offshore missions. Maritime Radio can be contactable on Channel 16
- Common ship to ship frequency

IBK Police AOS Channels - TAC 3

Zone ESTa (HB/Gisborne)	All Zones
AOS 1D AOS F11 Gis 2 Gis 1 HB City HB 2 SX 1P SX 2P Wairoa SPOPSE2	ESTa* PNHs* CNTa WGNs WGNa TAsa CHCs CANa DNDs STHa TAC ATAC HTAC PTAC WTAC CTAC DTAC CONT JOG DPS NAT RVS TEST ADMIN NTH AKLs AKLa HAMs HAMa BOPa

Notes:

- For all AOS operations, use channel "AOS 1D". This is an encrypted channel and will need to be loaded with the latest monthly encryption code in order for it to work. Only the police can programme the radio with the latest encryption code. Check prior to any AOS op that the latest encryption code has been loaded.

IBK Police VHF Channels - TAC 4

Zone Hawkes Bay	All Zones
HB City HB Rural Fire HB	Northland Auckland Waikato Bay of Plenty Gisborne Hawkes Bay Taranaki Wanganui Palm Nth Wellington Nelson West Coast CH Cant Sth Cant DN Otago Southland Simplex Specs Ops Version

Notes:

- Select zone then channel within that zone
- For SAR operations the police will normally use HB Rural
- For operations around Napier and Hastings use HB City
- Can be used to contact "Fire Comms"

KLN 90B/GARMIN 296 GPS ROUTES

To:	Entered as:	Route Details	MSA
Te Pohue	JH to TePohue	JH-TePohue	3500ft
Tuai RALLPAD	JH to Tuai	JH-State5and2-Ridgemount-Putorino-Tuai	3000ft
Putorino RALLPAD	JH to Putorino	JH-State5and2-Ridgemount-Waikari rivermouth-Putorino	2500ft
Porangahau RALLPAD	JH to Porangahau	JH-Porangahau beach-Porangahau	2500ft
Mahia RALLPAD	JH-Mahia	JH-Mahia	2000 ft
Wairoa Hospital	JH to JY	JH-SHW5 & 2-Ridgemount-Waikare-JY	2700 ft
Hamilton Hospital	JH to HN	JH-HN	5500ft
Wellington Hospital	JH to WH	JH-DV-Woodville-PM-PP-Pukerua Bay-WH	4500ft
Christchurch Hospital	JH to ChCh Hosp	JH-Woodville-Palmerston Nth-Pukerua Bay-Cape Campbell-Kaikoura-Amberley-ChCh Hosp	4500ft
Auckland Hospital	JH to JL	JH-Mechanics Bay-JL	5500ft

GPS PRELOADED WAYPOINTS

GPS	LOCATION	LAT	LONG	MAP
O1	ARAMOANA BEACH	40-08-50	176-51-00	BM38/39
O2	ARGYLL EAST	39-51-70	176-31-00	BL38
O3	BLACKS BEACH - MAHIA	39-04-00	177-48-00	BH42
O4	BLACKHEAD BEACH	40-10-00	176-49-80	BM39
O5	DANNEVIRKE	40-12-60	176-06-00	BM36
O6	DARTMOOR	39-29-50	176-41-00	BJ38
O7	ELSTHORPE	39-55-00	176-48-90	BL39
O8	GLENGARRY HILL	39-18-46	176-43-07	BJ38
O9	GWAVAS FOREST H/Q	39-43-82	176-26-61	BK37
10	HERBERTVILLE	40-30-00	176-33-50	BN37/38
11	IKWETEA FORKS HUT	39-35-41	176-11-84	BK36
12	KAIRAKAU BEACH	39-56-50	176-55-70	BL39
13	KERERU	39-39-00	176-25-50	BK37
14	KOTEMAORI	39-04-00	177-02-50	BH40
15	KURIPAPANGO	39-24-50	176-20-00	BJ37
16	MAHIA TOWNSHIP	39-06-00	177-51-50	BH43
17	MANGAKURI BEACH	39-58-20	176-54-70	BL39
18	MANGAORAPA	40-20-50	176-30-00	BM37
19	MARAEKAKAHO Monument	39-39-50	176-37-70	BK38
20	MARAETOTARA	39-48-50	176-54-20	BK39
21	MATAPIRO	39-36-20	176-36-70	BK38
22	MOHAKA Brg. SH2 Wairoa	39-04-50	177-07-50	BH40
23	MOHAKA Brg. SH5 Taupo	39-10-62	176-39-09	BH38
24	MORERE	38-58-95	177-47-50	BH42
25	NORSEWOOD	40-04-75	176-13-00	BL36
26	NUHAKA	39-02-70	177-44-50	BH42
27	OCEAN BEACH	39-45-00	177-05-00	BK39
28	OMAHAKI	39-29-20	176-23-40	BK37
29	OMAKERE	40-02-50	176-45-00	BL38
30	ONGA ONGA	39-55-50	176-25-00	BL37
31	ORMONDVILLE	40-06-70	176-15-90	BL37
32	OTAMAURI	39-30-30	176-30-00	BK38
33	PATANGATA	39-54-50	176-43-30	BL38
34	PATOKA	39-21-00	176-36-00	BJ38
35	PORANGAHAU	40-18-00	176-36-50	BM38
36	POURERERE BEACH	40-06-00	176-51-00	BL39
37	PUKETITRI	39-17-00	176-28-50	BJ38
38	PUTORINO	39-08-30	177-02-00	BH39
39	RAUPUNGA	39-04-75	177-09-00	BH40
40	RISSINGTON	39-26-00	176-42-75	BJ38
41	SHERENDEN HALL	39-29-40	176-34-20	BK38

GPS PRELOADED WAYPOINTS

42	TAKAPAU	40-01-60	176-20-90	BL37
43	TARAWERA PUB	39-01-58	176-34-43	BH38
44	TE HARATO (SUMMIT)	39-07-03	176-35-68	BH38
45	TE POHUE	39-15-30	176-40-75	BJ38
46	TIKOKINO	39-50-00	176-28-00	BK37
47	TINIROTO	38-47-00	177-34-00	BG42
48	TUAI	38-49-50	177-09-00	BG40
49	TUTIRA	39-12-50	176-52-75	BJ39
50	WAIKARE GORGE	39-08-00	177-00-00	BH39
51	WAIKAREMOANA	38-46-00	177-10-00	BG40
52	WAIKARI RIVER MOUTH	39-10-50	177-05-00	BJ39/40
53	WAIMARAMA	39-49-00	176-59-00	BL39
54	WAIPATIKI BEACH	39-18-00	176-59-00	BJ39
55	WAKARARA	39-47-50	176-16-10	BK37
56	WALLINGFORD	40-12-35	176-35-90	BM38
57	WHANA WHANA Cableway	39-34-10	176-23-30	BK37
58	WANSTEAD	40-08-50	176-32-50	BL38
59	WEBER	40-24-00	176-18-00	BM37
60	WILLOW FLAT	39-00-00	176-56-40	BH39
61	WIMBLEDON	40-26-50	176-30-50	BM37

FORESTRY CAMPS AND HUTS

CAMP / HUT	LAT	LONG	ALT	MAP
ARANGA HUT	39-38-061	176-15-199		BK37
AWATERE HUT	39-58-243	176-08-203		BL36
BACK RIDGE Bivouac	39-17-342	176-19-879		BJ37
BACK RIDGE HUT	39-16-591	176-21-391	4200	BJ37
BALLARD HUT	39-14-266	176-22-180	4600	BJ37
BATLEYS CABIN	39-18-426	176-00-345	4300	BJ36
BARLOW HUT	39-42-870	176-12-713		BK36
BIG BEN Bivouac	39-05-317	176-23-334	3000	BH37
BIG BEN SADDLE	39-05-118	176-22-555	3300	BH37
BLACK BIRCH Bivouac	39-18-110	176-26-284	3600	BJ37
BLACK STAG HUT	39-58-257	176-08-248		BL36
BLUE DUCK CREEK	39-08-850	176-08-114	3200	BH36
BLUEGUMS - MOHAKA	39-11-013	176-27-389	1700	BJ37
BOYD AIRSTRIP	39-09-551	176-10-510	3200	BH36
BOYD HUT	39-09-258	176-10-160		BH36
BOYD SHACK/Derelict Hut	39-24-539	176-14-923		BJ37
BRIENS HUT	39-39-974	176-20-449		BK37
BROOM HUT	39-33-377	176-21-026		BK37
BURNS Bivouac	39-26-027	176-19-335		BJ37
CAMERON HUT	39-21-687	176-17-534		BJ37
CASCADE HUT	39-03-437	176-06-745	2500	BH36
CASTLE CAMP	39-18-423	176-20-839	4400	BJ37
CENTRE CREEK Bivouac	40-03-600	175-59-500		BL36
CHINAMENS Clearing	39-03-568	176-08-423	2700	BH36
CLEMENTS Clearing	38-56-884	176-11-072	2300	BH36
COLENZO	39-40-220	176-08-255		BK36
COMET HUT	39-28-106	176-17-411		BJ37
COPPERMINE HUT	40-14-500	175-53-100		BM35
CRAIG HUT	39-44-107	176-14-975		BK37
CROW HUT	39-46-048	176-05-068		BK36
DAPHNE HUT	39-54-769	176-08-650		BL36
DEAD DOG HUT	39-34-480	176-17-531		BK37
DERE JIMM HUT	39-28-476	176-15-099		BJ37
D.O.C. Pad TURANGI	38-59-775	175-47-920	1200	BH35
DIANES HUT	39-32-365	176-17-007		BK37
DIGGERS HUT	40-06-200	175-57-500		BL35
DOMINIE HUT	39-16-836	176-23-659		BJ37
EAST CREEK HUT	39-05-331	176-17-518	2200	BH37
ECOLOGY Exposure	39-10-750	176-01-529		BH36
ECOLOGY SPUR	39-09-446	176-01-964	4300	BH36
ELLIS MURDERS HUT	39-42-565	176-16-526		BK37
ERNIES Bivouac	39-06-152	176-24-787	2300	BH37
FOOTY FIELD Airstrip	39-06-523	176-21-382	2100	BH37
FRANK PRETTYS Camp	39-01-418	176-01-679	1900	BH36
GALBRAITH HUT	39-09-300	176-43-000		BH38
GOLD CREEK HUT	39-45-474	176-11-454		BK36
GUNSIGHT	39-06-466	176-24-217	2700	BH37

GWAVAS FOREST H/Q	39-43-820	176-26-610		BK37
HARKNESS HUT	39-11-736	176-14-371	3300	BJ37
HARKNESS SADDLE	39-10-534	176-14-710	3700	BJ37
HINERUA HUT	39-51-470	176-10-086		BL36
HOT CAMP	39-09-910	176-23-859	1700	BH37
HOWLETT'S HUT	39-54-500	176-07-500		BL36
IGNIMBRITE SADDLE	39-06-793	176-59-960	3800	BH39
IKAWATEA FORKS HUT	39-35-420	176-11-844		BK36
IKAWATEA Stream Hut	39-32-635	176-13-545		BK37
IRON BARK HUT	39-40-590	176-05-350		BK36
IRON GATE HUT	39-55-384	176-03-306		BL36
IRON WHARE	39-15-371	176-25-882		BJ37
ISLAND RANGE	39-09-436	176-00-606		BH36
JAP CREEK	39-04-116	176-12-586	2500	BH37
KAKAPO	39-04-116	176-12-586	2800	BH37
KAWEKA FLATS Bivy	39-15-739	176-24-984	3100	BJ37
KAWEKA H / Q	39-26-072	176-28-001		BJ37
KAWEKA HUT	39-19-924	176-21-768		BJ37
KAWHATAU BASE	39-45-430	176-02-303		BK36
KELLY KNIGHT	39-51-031	176-03-140		BL36
KENS HUT	39-02-572	176-03-887	2100	BH36
KIRITAKI HUT	40-11-500	175-55-400		BM35
KIKO ROAD END	39-01-170	176-59-664	2400	BH39
KIWI MOUTH HUT	39-19-508	176-16-769	2000	BJ37
KIWI SADDLE	39-20-003	176-19-263	4000	BJ37
KURIPAPONGA BASE	39-23-925	176-19-638	1400	BJ37
KUMETE HUT	40-10-000	175-57-800		BM35
KYLIE HUT	39-40-583	176-11-571		BK36
LAWRENCE SHELTER	39-22-228	176-26-252		BJ37
LITTLE ANDREWS HUT	39-40-097	176-19-325		BK37
LONGVIEW HUT	39-57-129	176-07-182		BL36
LOTKOW HUT	39-20-150	176-27-090		BJ37
LOWRY SHELTER	39-25-016	176-24-443		BJ37
LOWER MATAKUHIA HUT	38-56-200	176-36-000	V19	BH38
MACKINTOSH HUT	39-19-514	176-23-598	3000	BJ37
MAKAHU SADDLE	39-17-181	176-24-256	3200	BJ37
MAKARORA BASE	39-44-456	176-15-421		BK37
MAKINO HUT	39-11-272	176-24-251	3200	BJ37
MANGAMAIRE Saddle	39-07-279	176-03-995	3900	BH36
MANGAMAIRE / RANGITIKI	39-18-945	176-00-185	2600	BJ36
MANGAMINGI HUT	39-08-751	176-07-098	3300	BH36
MANGAORANGI	39-04-706	176-10-363	4700	BH36
MANGAPAPA Bivouac	39-06-885	176-15-831	2300	BH37
MANGAROA AIRSTRIP	39-06-046	176-19-935	2100	BH37
MANGATAINOKA 1	39-09-144	176-19-438	2200	BH37
MANGATAINOKA 2	39-08-648	176-19-906	2100	BH37
MANGATAINOKA 3	39-080919	176-22-230	2000	BH37
MANGATAINOKA HUT	39-08-700	176-17-566	2300	BH37
MANGATAINOKA Spring	39-09-910	176-23-859		BH37
MANGATANGURU Top	39-08-030	176-20-855	2200	BH37
MANGATANGURU Mouth	39-07-677	176-22-371	1900	BH37

MANGATURUTU HUT	39-13-132	176-19-466	4400	BJ37
MANSON Bivouac	39-17-593	176-15-435	4100	BJ37
MANSON HUT	39-17-562	176-15-371	3800	BJ37
MAROEPA FORKS HUT	39-43-532	176-08-142		BK36
MCKINNON HUT	39-46-590	176-05-429		BK36
MIDDLE HILL ENCLOSURE	39-14-432	176-24-357	3800	BJ37
MIDDLE HILL HUT	39-13-623	176-26-604	3400	BJ37
MIDDLE STREAM HUT	39-49-316	176-09-370		BK36
MID POHANGINA HUT	40-03-450	176-02-400		BL36
MISTAKE Bivouac	39-36-402	176-14-539		BK37
MOKAI HUT	39-40-328	176-03-447		BK36
MOTUMATAI CAMP	39-19-344	176-00-047	3300	BJ36
MURDERERS HUT	39-42-565	176-16-526		BK37
MURUPARA BASE	38-29-274	176-42-913	700	BF38
MOORCOCK BASE	39-56-125	176-10-293		BL36
KURIPAPANGO BASE	39-23-594	176-19-317		BJ37
NGAAWAPURUA HUT	39-14-045	176-14-967	2700	BJ37
NO MANS HUT	39-35-017	176-15-354		BK37
NORTH ARM AIRSTRIP	39-05-794	176-09-244	3300	BH36
OAMARU HUT	39-04-342	176-15-535	2100	BH37
OAMARU AIRSTRIP	39-04-706	176-16-214	2200	BH37
OHUTU HUT	39-16-453	176-13-949		BJ37
OMARUKOKERE HUT	39-15-074	176-17-343		BJ37
OTUKOTA HUT	39-42-176	176-05-092		BK36
OLD MANSON HUT	39-17-828	176-15-795	3700	BJ37
OMARUKOKERE BIVOUAC	39-14-993	176-17-530	2500	BJ37
OPUREKE HUT	38-55-750	176-32-100		BH38
OTAMATAENUI	39-14-419	176-54-491	4000	BJ39
OTUPUA AIRSTRIP	39-05-237	176-20-416	2200	BH37
OTUTU HUT	39-16-347	176-13-572		BJ37
PARKS PEAK HUT	39-40-468	176-14-572		BK37
PIKIAWATEA	39-05-585	176-06-723	4400	BH36
PIRIPIRI HUT	40-03-500	176-01-200		BL36
PORONUI BASE	38-55-598	176-16-137	2500	BH37
PORONUI HUT	39-04-262	176-16-431		BH37
POURANGAKI HUT	39-51-362	176-04-481		BL36
POUTAKI HUT	39-43-481	176-18-569		BK37
PUKETITIRI DOC BASE	39-16-286	176-32-347	1900	BJ38
PURITY HUT	39-49-159	176-03-176		BK36
QUARRY LOOKOUT	39-16-345	176-26-781	3700	BJ37
QUARRY CAR PARK	39-16-345	176-26-781	3700	BJ37
RANGIPO HUT	39-18-004	176-37-449		BJ34
RANGITAIKI PUB	39-18-004	176-37-449		BH37
RANGITIKI 1	39-08-714	176-00-026		BH36
RANGITIKI 2	39-06-827	176-00-787	3400	BH36
RANGITIKI / ECOLOGY	39-12-414	176-00-051	3000	BH36
Rangitiki / Walangakea	39-18-986	176-01-973		BJ36
RIPIA AIRSTRIP	39-03-227	176-24-111	2500	BH37
RED HUT	39-04-303	176-18-065		BH37
ROBSON LODGE	39-24-087	176-19-489		BJ37
ROCKS AHEAD HUT	39-16-526	176-17-777	2400	BJ37

ROCKSLIDE Bivouac	39-37-022	176-13-268		BJ37
ROKAI HUT	40-08-750	176-00-300	T23	BL36
RUAHINE CORNER HUT	39-37-591	176-10-207		BK36
RUAHINE HUT	39-33-307	176-19-258		BK37
RUSH FLAT	39-01-680	176-03-226	2100	BH36
SENTRY BOX HUT	39-40-142	176-16-532		BK37
SHUTES HUT	39-30-484	176-17-374		BK37
SIMONS CAMP	39-06-131	176-26-190	2100	BH37
SMITH STREAM HUT	39-51-046	176-10-150		BL36
SPARROWHAWK Bivy	39-44-214	176-10-468		BK36
STANFIELDS WHARE	39-03-088	176-06-484	2400	BH36
STANDFIELD HUT	40-05-400	176-03-200		BL36
STEINLAGER	39-04-217	176-22-241	3400	BH37
STUDHOLME BIVOUAC	39-18-349	176-21-781		BJ37
STUDHOLME HUT	39-18-088	176-21-842		BJ37
STUDHOLME SADDLE	39-18-113	176-21-537		BJ37
SUNRISE HUT	39-47-210	176-10-047		BK36
TARN BIVOUAC	39-53-042	176-08-353		BL36
TARUARAU BIVOUAC	39-32-382	176-16-021		BK37
TANUMARA Old Airstrip	39-02-269	176-24-784	2500	BH37
Tauranga / Taupo Hut	39-02-323	176-06-053	2400	BH36
TE IRINGA HUT	38-59-047	176-13-041	3750	BH37
TE MATAI Bivouac	39-07-106	176-24-458	4000	BH37
TE MATAI CREEK	39-07-093	176-23-345	2000	BH37
TE PUIA LODGE	39-10-315	176-24-607	1800	BH37
TE PUKE ENCLOSURE	39-10-334	176-17-623	4600	BH37
TE PUKE HUT	39-11-571	176-16-577	4800	BJ37
TE PUKEOHIKARUA Hut	39-11-414	176-16-345		BJ37
TERRYS Bivouac	39-11-571	176-16-577	4800	BJ37
TIN HUT	39-41-408	176-19-244		BK37
TIRAKI	39-00-305	176-06-328	2300	BH36
TIRA LODGE	39-14-534	176-19-597	4700	BJ37
TOKA Bivouac	39-59-047	176-04-220		BL36
TOP GORGE HUT	39-58-097	176-06-176		BL36
TOP MARAOPEA HUT	39-46-302	176-09-245		BK36
TRAVERS (A FRAME) HUT	40-06-500	176-01-000		BL36
TRIANGLE HUT	39-54-223	176-04-261		BL36
TRIPLE 5	39-05-723	176-25-474	2100	BH37
TURANGI AIRFIELD	38-57-954	175-48-985	1200	BH35
TRIPLEX HUT	39-47-441	176-11-509		BK36
TUSSOCK HUT	39-09-946	176-12-906	3500	BH37
UPPER MAKARORA Hut	39-40-555	176-13-378		BK37

VENISON TOPS HUT	39-14-874	176-19-306	4700	BJ37
WAIKAMAKA HUT	39-48-455	176-08-024		BK36
WAIMAITAI PAD	39-10-459	176-19-199	3800	BH37
WAIOKOTORE BIVOUC	39-38-591	176-07-319		BK36
WAIPAWA FORKS	39-48-026	176-10-276		BK36
WAKARARA ED. Centre	39-47-020	176-15-360		BK37
WAKELINGS HUT	39-45-215	176-07-488		BK36
WAKEMAN HUT	39-00-000	176-39-000		BH38
WATERFALL HUT	39-49-491	176-06-495		BK36
WHITNELL LODGE	39-42-534	176-16-482		BK37
WAIOURU ARMY CAMP	39-28-569	175-40-991	2600	BJ35
WAIPAKAHI CAR PARK	39-13-802	175-46-641	2800	BJ35
WAIPAKAHI HUT	39-07-424	175-57-506	3600	BJ35
Whakamarumaru D.O.C.	39-12-571	176-02-186	4400	BJ36
WILLOWFLAT PAD	39-00-500	176-54-00		BH39

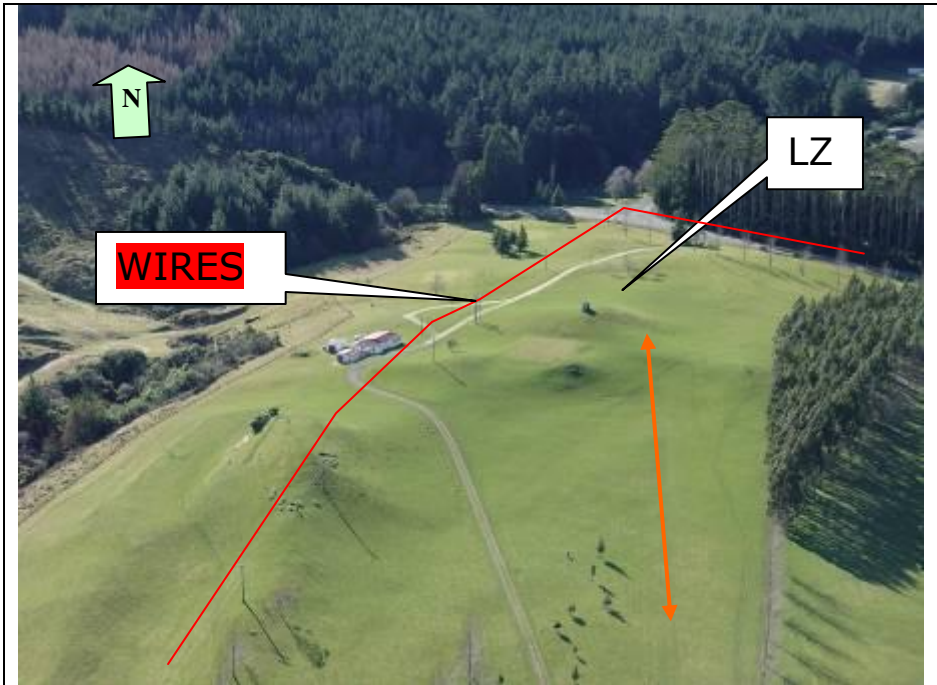
SCHOOL LOCATIONS

SCHOOL	LAT	LONG	MAP
ARGYLL EAST	39-51-479	176-31-539	BL38
ARDKEEN	38-55-338	177-15-517	BH40
AWARIKI	40-13-880	176-13-500	BM36
BRIDGE PA	39-38-564	176-45-096	BK38
CENTRAL H.B. College	40-00-107	176-33-443	BL38
CLIVE	39-35-148	176-55-225	BK39
CROWNTHORPE	39-34-137	176-33-265	BK38
ELSTHORPE	39-54-561	176-48-549	BL39
ESKDALE	39-24-147	176-51-117	BJ39
FLEMINGTON	40-09-060	176-26-399	BM37
FRASERTOWN	38-58-066	177-24-243	BH41
HAUMOANA	39-37-405	176-57-073	BK39
KERERU	39-39-287	176-24-244	BK37
KOKAKO (Tuai)	38-48-567	177-08-575	BG40
KOTEMAORI	39-03-513	177-02-043	BH40
MANGAORAPA	40-20-251	176-29-428	BM37
MANGATAHI	39-37-304	176-34-060	BK38
MANGATERETERE	39-37-089	176-53-315	BK39
MARAEKAKAHO	39-39-214	176-37-123	BK38
MEEANEE	39-32-461	176-53-292	BK39
MOHAKA	39-07-022	177-11-254	BH40
NORSEWOOD	40-04-244	176-13-116	BL36
NORTH CLYDE (Wairoa)	39-01-360	177-25-065	BH41
NUHAKA	39-02-469	177-44-202	BH42
OHUKA	38-52-303	177-13-442	BG41
OMAHU	39-34-557	176-45-258	BK38
OMAKERE	40-03-135	176-45-094	BL38
ONGAONGA	39-54-523	176-25-020	BL37
ORMONDVILLE	40-06-900	176-15-300	BL37
OTAMAURI (Playcentre)	39-30-132	176-30-056	BK38
OTANE	39-53-565	176-37-460	BL38
OUEROA	40-04-369	176-40-352	BL38
PAKI PAKI	38-47-250	176-44-154	BK39
PAKOWHAI	39-35-021	176-50-240	BK39
PATOKA	39-20-531	176-36-226	BJ38
PONGAROA	40-32-550	176-11-560	BN36
PORANGAHAU	40-18-209	176-37-140	BM38
POUKAWA	39-45-361	176-43-127	BK38

SCHOOL LOCATIONS

PUKEHAMOAMO	39-32-578	176-40-595	BK38
PUKEHAU	39-50-151	176-38-121	BH41
PUKETAPU	39-30-319	176-47-339	BK39
PUKETITIRI	39-17-138	176-32-090	BJ38
PUTERE	38-56-436	177-01-396	BH40
PUTORINO	39-08-080	177-00-224	BH39
RAUPUNGA	39-04-222	177-08-500	BH40
RISSINGTON	39-25-331	176-42-413	BJ38
RUAKITURI	38-46-190	177-24-171	BG41
SHERENDEN	39-30-247	176-34-259	BK38
SHERWOOD	39-57-00	176-18-50	BL37
SPRINGHILL	39-51-450	176-22-900	BL37
ST. JOSEPHS (Waipukurau)	39-59-451	176-33-345	BL38
TAKAPAU	40-01-389	176-20-481	BL37
TAREHA (Kaiwaka Road)	39-16-321	176-52-011	BJ39
TE AUTE COLLEGE	39-49-435	176-37-452	BK38
TE HAROTO	39-07-256	176-36-015	BH38
TE HAUKE	39-46-018	176-41-415	BK38
MAHIA	39-05-185	177-55-037	BH43
TE POHUE	39-15-167	176-40-532	BJ38
TE REINGA	38-49-503	177-31-089	BH41
THE TERRACE (Waipukurau)	40-00-221	176-32-500	BL38
TIKOKINO	39-49-146	176-26-598	BK37
TINIROTO	38-46-291	177-33-501	BG42
TUAI	38-48-567	177-08-575	BG40
TUKEMOHIKI	38-54-076	177-36-163	BH42
TURIROA (Wairoa)	39-01-386	177-22-327	BH41
TUTIRA	39-12-138	176-52-577	BJ39
TWYFORD	39-36-120	176-47-526	BK39
WAIHUA	39-05-090	177017-043	BH40
WAIMARAMA	39-48-186	176-59-166	BL39
WAIPAWA	39-56-331	176-35-352	BL38
WAIPUKURAU	39-59-521	176-33-180	BL38
WAIROA COLLEGE	39-02-156	177-24-482	BH41
WAIROA Intermediate	39-02-163	177-25-549	BH41
WAIROA PRIMARY	39-02-205	177-25-302	BH41
WAIWHARE (Napier/Taihape Rd)	39-26-593	176-29-390	BJ37
WALLINGFORD	40-12-153	176-34-561	BM38
WHAKAKI	39-02-265	177-35-217	BH42

TE POHUE RALLPAD



COMMUNICATIONS

Twr: 124.8

Phone: N/A

Atis: 121.80

Lighting: Pal 124.05 4 pulses, 3sec's

APPROACH/DEPARTURE

Best approach 005° / Dep 185°

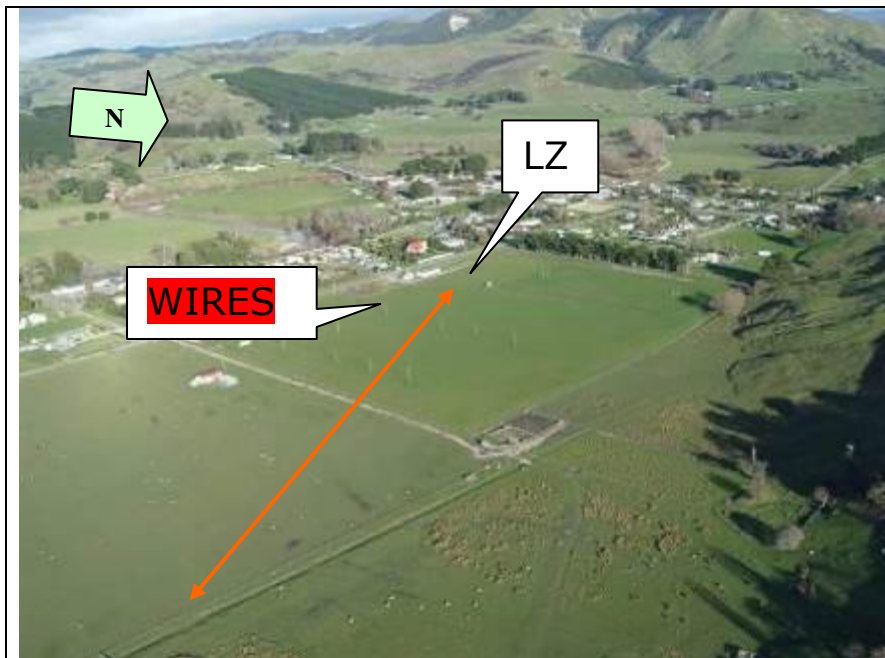
Elevation - 1370'

SPECIAL NOTES/SOP

1. Pad between water tank on small hill and trees, marked by pegs in the ground.

Nearest Fuel: NZNR 16nm / NZJH 23nm

PORANGAHAU RALLPAD



COMMUNICATIONS

Twr: 119.1

Phone: N/A

Atis: N/A

Lighting: Pal 123.95 4 pulses, 3sec's

APPROACH/DEPARTURE

Best approach from beach 235° / Dep 055°

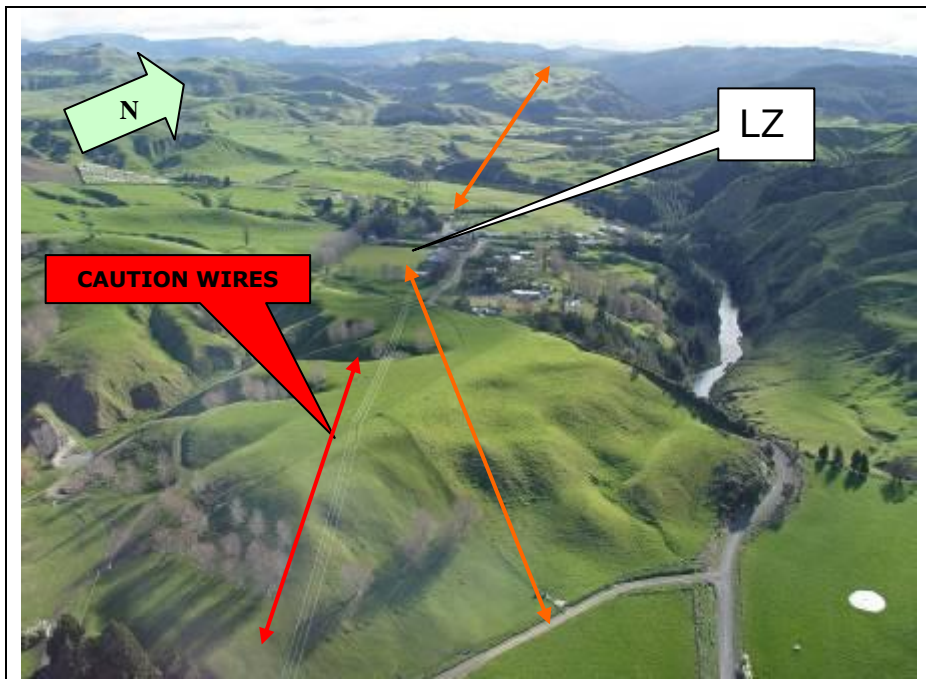
Elevation - 270'

SPECIAL NOTES/SOP

1. Caution multiple floodlight wires and goal posts on sports ground

Nearest Fuel: NZDV 25nm /NZYP 18nm

PUTORINO RALLPAD



COMMUNICATIONS

Twr: 124.8

Phone: 06 839 7354

Atis: 121.80

Lighting: Pal 123.95 4 pulses, 3sec's

APPROACH/DEPARTURE

Best approach from river mouth 275° / Dep 095°

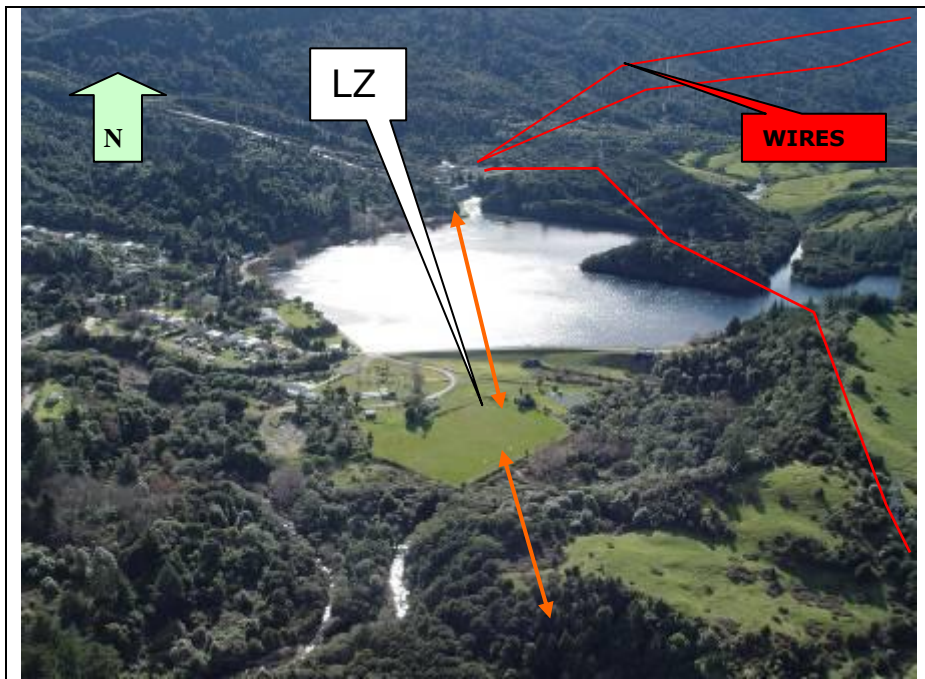
Elevation - 30'

SPECIAL NOTES/SOP

1. Call Waikare Hotel for WX info 06 839 7354 if required.
2. Caution wires parallel to approach from east sector.

Nearest Fuel: NZNR 22nm / NZWO 21nm

TUAI RALLPAD



COMMUNICATIONS

Twr: 119.1

Phone: N/A

Atis: N/A

Lighting: Pal 124.00 4 pulses, 3sec's

APPROACH/DEPARTURE

Either over lake or 120^o/300^o parallel with HT lines

Elevation – 820'

SPECIAL NOTES/SOP

WARNING: Many High tension lines running to the power station, to the north and east of lake.

Nearest Fuel: NZWO 14nm

MAHIA RALLPAD



COMMUNICATIONS

Twr: 125.6

Phone: N/A

Atis: N/A

Lighting: Pal 124.00 4 pulses, 3sec's

APPROACH/DEPARTURE

Parallel with beach

Elevation - 10'

SPECIAL NOTES/SOP

1. Land in car park next to Mahia Fishing Club, or on grass if preferred.

Nearest Fuel: NZWO 21nm or NZGS 28nm

WELLINGTON HOSPITAL (NZWH)



COMMUNICATIONS

Twr: 118.80

Phone: 04 385 5855 or 04 385 5999

Atis: 126.90

Lighting: 133.20 5 pulses, 3 sec's

APPROACH/DEPARTURE

Best approach 110^o / 270^o

N Pad Elevation: 168ft **S Pad Elevation:** 290ft

SPECIAL NOTES/SOP

1. The **North helipad** is considered the main helipad.
2. Use the South helipad only if;
 - North helipad is occupied
 - The patient condition is not acute
 - When an extended stay is likely
3. Pilot to phone Wellington Hospital at least 15-30 minutes out to

advise patient details, intentions, ETA, and to establish whether helipads are available. If neither helipad is available then the western apron at Wellington Airport is to be used. This will require an ambulance to transport the patient (see photo below as to where to land at Wellington Airport). This being the case notify EACC by radio to arrange an ambulance immediately.

4. **Single engine helicopter** inter-hospital transfers to Wellington Hospital helipads are limited to "Emergency Flights" only (refer FOI 120).
5. Both helipad operations are limited to one helicopter at a time.
6. **Twin engine helicopter** operations are to use "VTOL Cat A" approach and departures.
7. For **single engine helicopter operations** approaches and take-offs are to be kept as steep as possible due to lack of adequate autorotation sites.
8. All approaches and landings are to be made to the centre of helipad.
9. Helicopter is to be shut down during unloading and loading.
10. Due to turbulence, for wind speeds greater than **40 knots**, or at the pilots own discretion when turbulence is unmanageable, Wellington Airport is to be used.
11. Pilots are to stay with the helicopter on the helipads incase another helicopter arrives requiring the helipad. If required to leave the helipad to enter the hospital the pilot is to notify hospital security (04-385 5921) of their mobile phone number in order that they can be contacted incase another helicopter requires the helipad. This being the case & prior to the flight team finishing their handover relocate to either the South helipad or the western apron at Wellington Airport & advise flight team of change.
12. **Note:** For **North helipad** lift operations use of security card located in helicopter fuel card pouch is required. Swipe card in lift and then press desired floor you wish to go to.
13. **Note:** Locked door code between hospital & rooftop lift on **South Helipad** is **C247Y**.
14. See also NZWH chart in AIP Vo 4 for further instructions.

Nearest Fuel: NZWN

Wellington Hospital (NZWH)



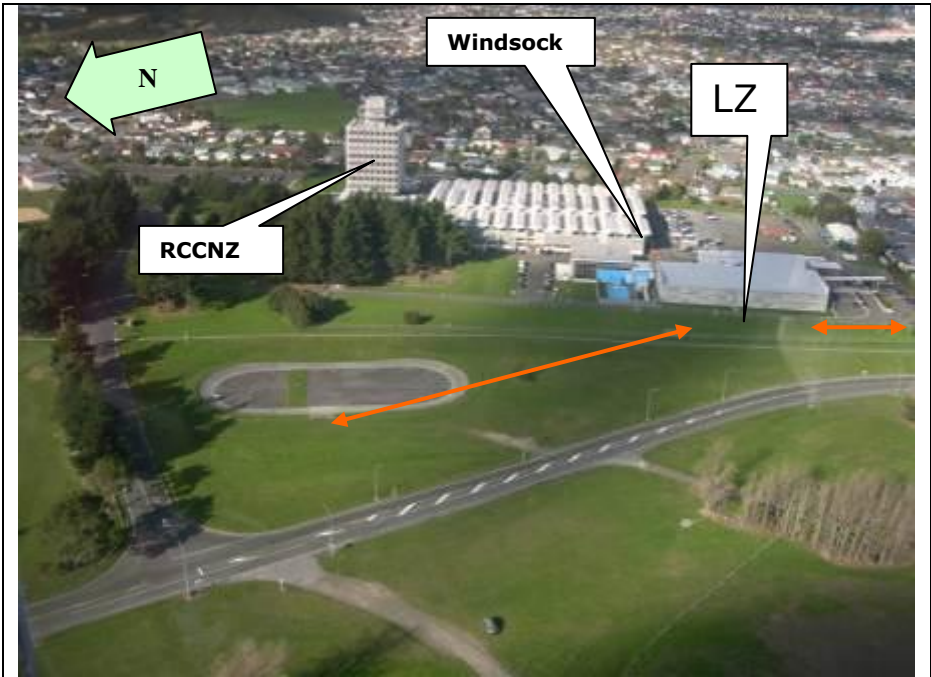
Picture showing helicopter parking area on Western Apron

SOP/Special Notes

1. Park in position labeled "LZ" detailed on picture above.
2. Refuel using Air BP refueling truck which can be contacted on 133.9MHz.
3. Pilots have access to life Flight's fixed wing hangar facilities which includes tea & coffee plus toilet. For access outside airport area use roller door in hangar. Simply push **Open** button located inside hangar near roller door to exit airport. Use Life Flight swipe card kept with aircraft fuel cards to open roller door when entering from outside.
4. Patient lifter located inside Life Flight hangar.

Nearest Fuel: NZWN

AVALON/HUTT HOSPITAL (NZAL)



COMMUNICATIONS

Twr: 118.80

Phone: 04 914 5752

Atis: 126.90

Lighting: N/A

APPROACH/DEPARTURE

Best approach parallel with river

Elevation - 93'

SPECIAL NOTES/SOP

1. Contact security on 04 914 5866 at least 15 minutes prior to landing with an ETA, & prior to departure.
2. Keep EACC updated with ETA throughout flight as ambulance is required to transfer the patient to Hutt Hospital.

Nearest Fuel: NZWN/NZPP

AUCKLAND/STARSHIP HOSPITAL (NZJL)



COMMUNICATIONS

Twr: City Traffic 120.40

Atis: AA 127.80

Phone: 021 943 748 or 09 3074949

Lighting: 124.0 4 pulses, 3 sec's

APPROACH/DEPARTURE

Best approach 190° / 055° parallel with motorway

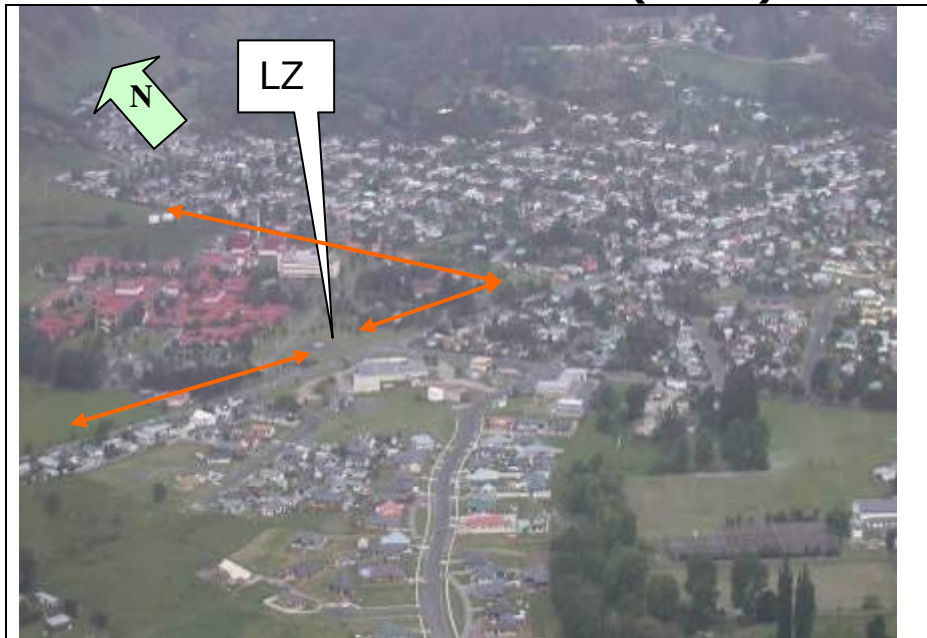
Elevation – 204'

SPECIAL NOTES/SOP

1. Pilot to phone hospital duty manager on 09 3074949 or 021 943748 30 minutes out to advise patient details, intentions and ETA.
2. **Single engine helicopter** inter-hospital transfers to Auckland Hospital helipads are limited to "Emergency Flights" only (refer FOI 120). Consider Mechanics Bay if not an emergency flight.
3. **Twin engine helicopter** operations are to use "VTOL Cat A" approach and departures.
4. Helipad operations limited to two helicopters at any time.
5. All approaches and landings are to be made to the centre of helipad.
6. Approaches and take-offs are to be kept as steep as possible due to lack of adequate autorotation sites and to keep noise disturbance to a minimum.
7. Helicopter is to be shut down for unloading and loading.
8. Due to turbulence, for wind speeds greater than 40 knots, or at the pilots own discretion when turbulence is unmanageable Mechanics Bay Heliport is to be used.
9. Pilots are to stay with the helicopter on the helipad incase another helicopter arrives requiring the helipad. If required to leave the helipad to enter the hospital the pilot is to notify hospital duty manager (09 307 4949 or 021 943748) of their mobile phone number in order that they can be contacted incase another helicopter requires the helipad. This being the case & prior to the flight team finishing their handover, relocate to Mechanics Bay and advise the flight team they will now have to make their way to Mechanics Bay to meet helicopter.
10. Note: See also NZJL chart in AIP Vol 4 for further instructions.
11. **Note:** Hospital **security card** required for entry/exit to hospital from helipad and is kept in aircraft fuel card pouch.

Nearest Fuel: NZMB/NZAR/NZAA/NZNE

GISBORNE HOSPITAL (NZJG)



COMMUNICATIONS

Twr: 127.30

Phone: 06 869 0500

Atis: 126.40

Lighting: Hosp staff operated

APPROACH/DEPARTURE

Best approach east/west, parallel main road

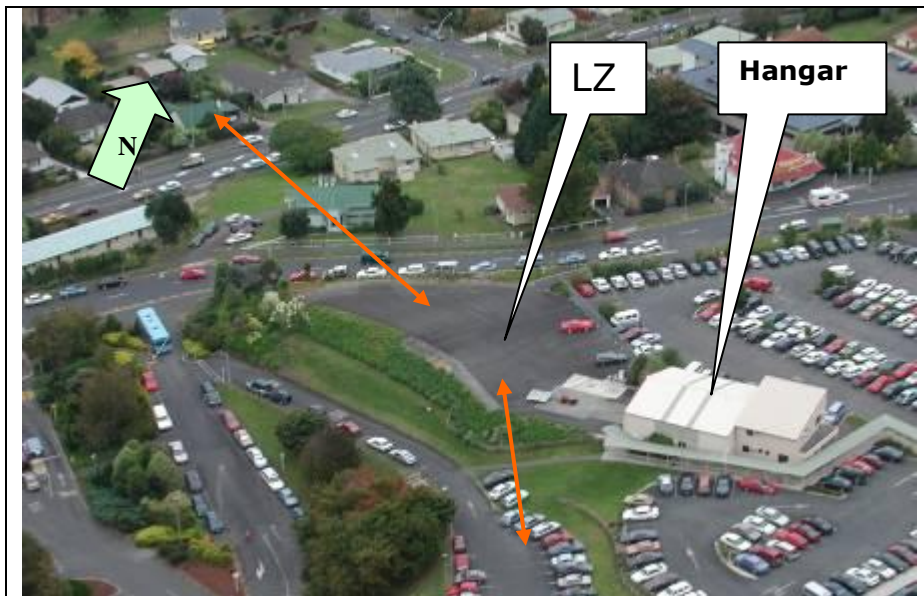
Elevation – 51'

SPECIAL NOTES/SOP

1. Phone hospital on 06 869 0500 **at least 30 minutes prior** to landing with ETA in order that they can secure helipad.
2. Shut down helicopter when loading/unloading.

Nearest Fuel: NZGS

HAMILTON HOSPITAL



COMMUNICATIONS

Twr: 122.90/125.90

Atis: 128.60

Phone: 07 839 8869

Lighting: PAL - 124.0

APPROACH/DEPARTURE

090°/270°

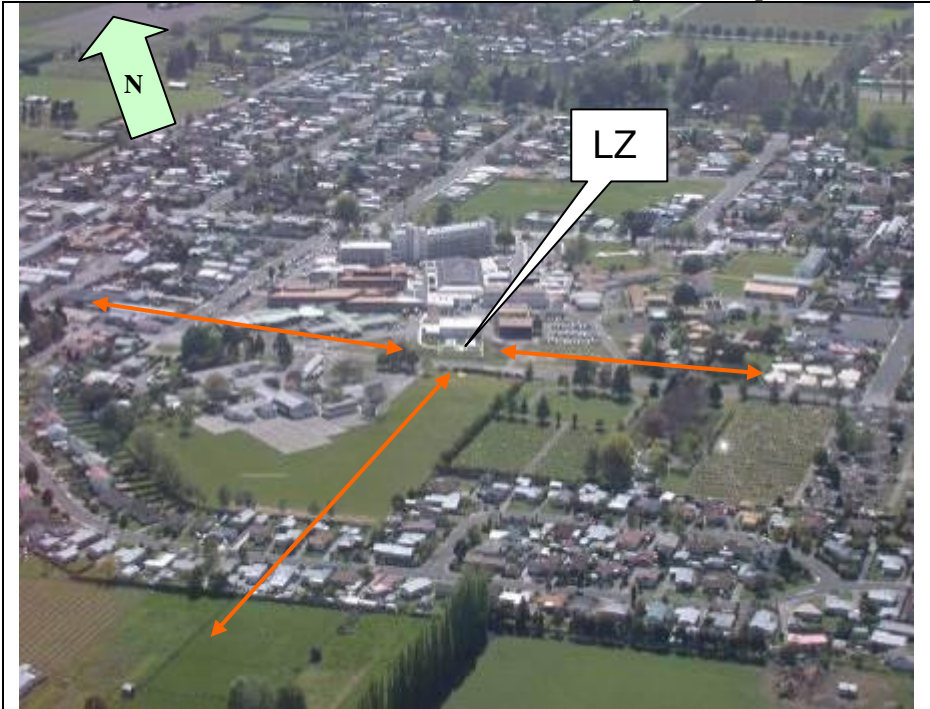
Elevation – 170'

SPECIAL NOTES/SOP

1. Phone Hangar prior to landing on 07 839 8869.
2. JetA1 acquired with allocated card kept in aircraft fuel card pouch.

Nearest Fuel: On site or NZHN

HASTINGS HOSPITAL (NZJH)



COMMUNICATIONS

Twr: 125.80(HS)/124.80(NR)
Atis: 121.80

Phone: 06 878 1633
Lighting: Hospital operated

APPROACH/DEPARTURE

Best approach over school grounds otherwise Orchard Rd, 100^o / 300^o

Elevation – 49'

SPECIAL NOTES/SOP

1. Use school grounds as much as possible for approach and departure, but not during school hours.

Nearest Fuel: On site or NZHS

WAIPUKURAU MEDICAL CENTER



COMMUNICATIONS

Twr: 119.1

Atis: N/A

Phone:

Lighting: Nil

APPROACH/DEPARTURE

As required.

Elevation – 640'

SPECIAL NOTES/SOP

All pick ups from Waipukurau Medical Centre are to be conducted from the Waipukurau Airfield. **DO NOT USE** the medical centre helipad. Arrange with EACC for an ambulance to transport the patient to the airfield, and park outside the Central Hawke's Bay Aero Club building until ambulance arrives.

Nearest Fuel: NZYP

WAIROA HOSPITAL (NZJY)



COMMUNICATIONS

Twr: 119.1/125.6(FISCOM)

Phone: 06 838 7099

Atis: N/A

Lighting: Permanent flood

lighting

APPROACH/DEPARTURE

Best approach from river mouth or over farmland from the west.

Elevation – 70'

SPECIAL NOTES/SOP

1. Security card located in fuel card holder is needed to gain access to the hospital after hours or during weekends.
2. Hospital staff are required to erect security barriers during week days. Pilot is to phone the hospital on the above number and arrange for security barriers to be erected at least 30 minutes prior to landing.

Nearest Fuel: NZWO

RCCNZ Mission Information

A. When to contact RCCNZ during a mission

Ops normal every 20 minutes where possible and;

1. Once airborne
2. On scene
3. On initial hearing of the beacon or contact with survivors
4. On location of the beacon source or search area
5. On leaving the search area
6. Upon return to base

B. Information to be collected during a beacon search

1. Make & model of beacon
2. Type of beacon e.g. PLB (personal), EPIRB (marine), ELBA (aviation)
3. Vessel or aircraft identifier
4. Beacon owner & contact details
5. Reason for beacon use

Contact RCCNZ on;

0508 472269 or 04 914 8380

Night VFR Destinations/MSA's

Note: MSA's given are 1000' above the highest point/obstacle to the destination, on track, 5nm either side of track from Hastings Hospital.

Route	Track	MSA
JH-Dannevirke	202°	3200ft
Dannevirke – JH	022°	3200ft
JH- Herbertville	171°	2700ft
Herbertville- JH	351°	2700ft
AP - HNHOSP	307°	4100ft
HNHOSP- AP	127°	4100ft
JH – Nuhaka	029° or coastal	2700ft
Nuhaka – JH	209° or coastal	2700ft
JH- Porongahua	172°	2700ft
Porongahua – JH	352°	2700ft
JH – Putorino	354°	2700ft
Putorino – JH	174°	2700ft
JH – Takapau	201°	2400ft
Takapau – JH	021°	2400ft
JH – Taihape	244°	6100ft
Taihape – JH	064°	6100ft
JH – Tarawera	320°	5300ft
Tarawera – JH	140°	5300ft
JH – Taupo	305°	5300ft
Taupo – JH	125°	5300ft
JH – Te Haroto	319°	4500ft
Te Haroto – JH	139°	4500ft
JH – Te Pohue	322°	3700ft
Te Pohue – JH	142°	3700ft
JH – Tuai	356°	2800ft
Tuai –JH	176°	2800ft
JH – Tutira	344°	3100ft
Tutira – JH	164°	3100ft
JH – Waipukurau	188°	2400ft
Waipukurau – JH	008°	2400ft
JH- Wairoa	017° or coastal	2700ft
Wairoa – JH	197° or coastal	2700ft
JH - Gisborne	341° or coastal	2700/4500
Gisborne - JH	160° or coastal	4500/2700
JH-Mahia	035°	2000ft
Mahia-JH	215°	2000ft

Night Operations Checklist

PRE TAKE OFF

- **Fuel** – Sufficient, check & note
- **Radios/Nav Aids** – Selected
- **GPS** – Set
- **RadAlt** – Set 1000ft
- **A/H's** – Erect & set
- **HSI/DI** – Align
- **Heading Bug** – Set heading
- **Caution Lights** – Out
- **T's & P's** – Normal
- **Lights** – Cabin, Landing, Nightsun, Night Scanner
- **Intentions** – Brief crew
- **Flight Following** – Contact
- **Passengers/Doors** – Secure
- **Inadvertent IMC** – Brief & approach plates
- **MSA** – Check
- **Departure Time** – Note
- **NVG** – On Goggles
- **Lift-off** – Cleared

AFTER TAKEOFF

- **Landing Lights** – Off
- **Nightsun/Night Scanner** – on
- **NVG's** – On
- **WX/Visibility** – Review
- **Climb** – Safe cruise altitude

CRUISE

- **Situational Awareness** – maintain, CRM
- **Scan** – Traffic/NVG's
- **Route/Track** – Revise
- **MSA** – Revise/1000ft AGL
- **Radios/Nav Aids** – Check
- **T's & P's** – Check
- **AMP's** – Check
- **Fuel** – Check
- **Weather** – Review
- **IIMC** – Revise
- **Flight Following** – Update

APPROACH

- **ATIS/QNH** – Obtain & select
- **Nav aids** – Select
- **Approach** – Intentions, brief
- **Clearance** – Obtain
- **Destination Lighting** – Activate
- **Minimum Descent Altitude** – decide/declare
- **T's & P's** – Check
- **Ground Comms** – Establish
- **Landing/Search Lights** – On
- **Reconnaissance** – Carry out
- **Hazards** – Check & Note

AFTER LANDING

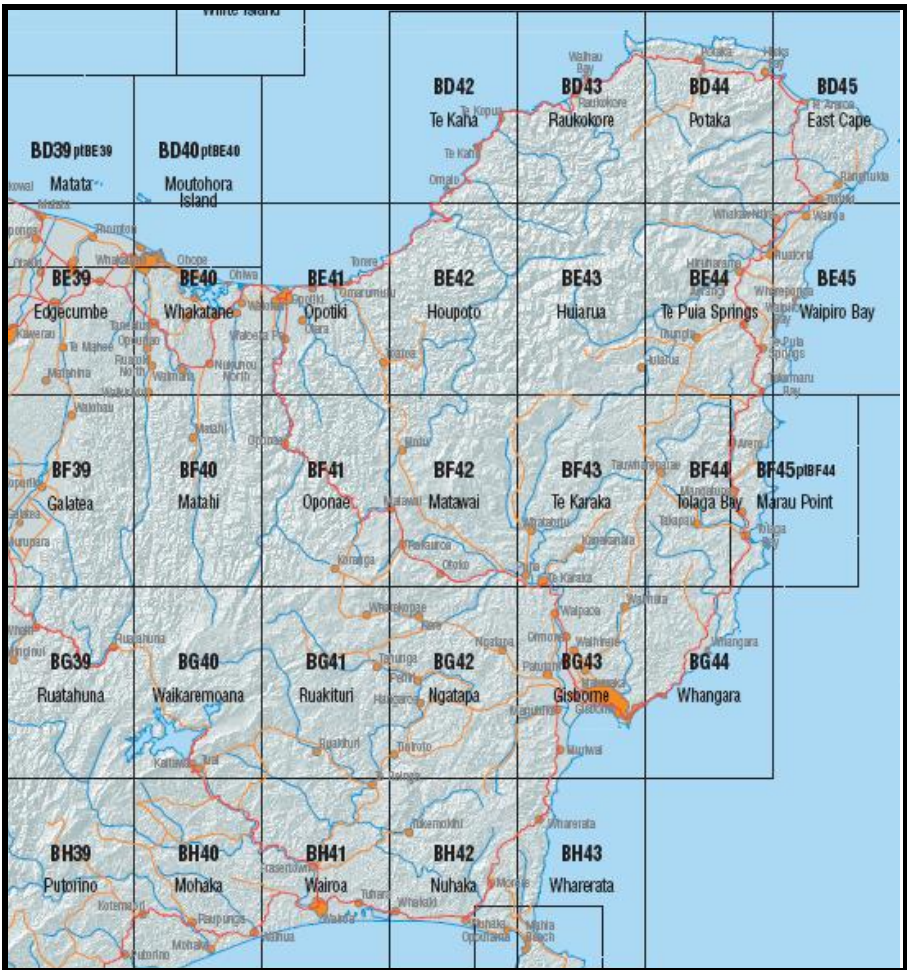
- **Lights** – OFF
- **Time** – Note
- **Flight Following** – Update
- **Fuel** – Check/sufficient return

INADVERTENT IMC

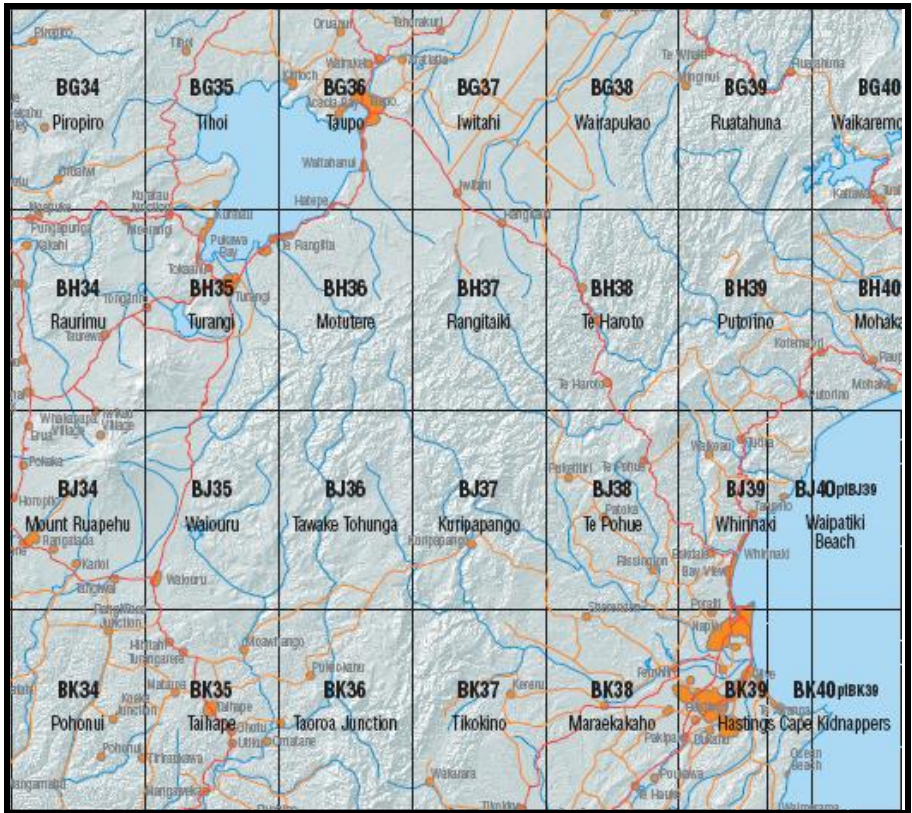
The 4 "C's" Rule for IIMC

- **Control** the helicopter & revert to instrument flight immediately, note altitude, airspeed and heading.
- **Climb** to MSA or maintain altitude to safely clear surrounding terrain.
- **Course** – carryout a rate one turn onto the reciprocal heading and maintain instrument flight until VMC.
- **Communicate** – contact nearest ATS or FISCOM and declare a Mayday & advise intentions.

Topo50 Map Quick Reference Charts



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