

# **AERONAUTICAL SERVICES**

## NZANR - Part 71 - Danger Areas (D)

		NOTES: (1	) Upper	Limit is expressed in FT <i>(AMSL)</i> or FL <i>(Flight Level)</i> (2) Lower Limit = SFC for all Da	anger Areas
Identifier	Name	Uppe	Limit	Remarks	Remarks to Working Hours
NZD120	OTARA	1500	FT	[Activity or Purpose:] High velocity jet efflux and model flying.  [Organisation or Authority:] Contact Energy Ltd; PO Box 10742, Wellington 6143, TEL (04) 499 4001	
				Highbrook Aero Modellers Inc. Email info@ham.org.nz TEL 021 400 582	
NZD121	ONETAUNGA BAY	1500	FT	[Activity or Purpose:] Military Ordnance.  [Organisation or Authority:] New Zealand Defence Force (09) 362 7453	
NZD123	EAST KAIPARA HARBOUR	1500	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Auckland Model Aero Club; PO Box 9406, Newmarket 1031, TEL (09) 575 7971  Email stanm09c4@gmail.com	
NZD124	WAINUI	1000	FT	[Activity or Purpose:] Model Aircraft flying.  [Organisation or Authority:] Hibiscus Coast Radio Flyers; 27 Gilshennan Valley, Red Beach 0932, TEL (09) 426 0840 027 426 435  Email henny.remkes@gmail.com snapperman@live.com	
NZD125	TIRITIRI MATANGI			[Activity or Purpose:] Surface to Air and surface firing.  [Upper Limit:] Advised by NOTAM.  [Lower Limit:] SFC/UL D130  [Organisation or Authority:] NZ Defence Force; Headquarters Joint Force NZ, J33M, 2	

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Identifier	Name	Uppe	r Limit	Remarks	Remarks to Working Hours
				Seddul Bahr Road, Trentham, Upper Hutt 5018, TEL 027 479 5708 or 027 270 2930 AH 0800 475 369 Email hqifnzjaocdirector@nzdf.mil.nz	
NZD128	TAMAKI	800	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Tamaki Model Aero Club; PO Box 18352, Glen Innes, Auckland, 027 565 2331  Email brucemaroc@outlook.com	
NZD129	MANGERE BRIDGE	1000	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] AucklandSoar; 39 Ripon Crescent, Meadowbank, Auckland 1072, TEL 021 128 7510  Email ted@pl.net	[Active:] Daylight Hours every Saturday, Sunday, and Public Holiday.
NZD130	WHANGAPARAOA HEAD	1200	FT	[Activity or Purpose:] Live firing.  [Organisation or Authority:] NZ Defence Force; Headquarters Joint Force NZ, J33M, 2 Seddul Bahr Road, Trentham, Upper Hutt 6430, TEL 027 479 5708 or 027 270 2930 AH 0800 475 369 Email hqifnzjaocdirector@nzdf.mil.nz	
NZD221	MAUKORO CANAL	1000	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Thames Model Aero Club; Secretary, 24 Waiotahi Creek Road, Thames 3500, TEL 021 431 6074  Email yakfisher@hotmail.com	
NZD224	AKA AKA	1000	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Auckland Model Aero Club; PO Box 9406, Newmarket, Auckland, TEL (09) 575 7971  Email stanm09c4@gmail.com	
NZD225	KARAKA	1000	FT	[Activity or Purpose:] Model aircraft flying.	[Active:] Daylight Hours

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Identifier	Name	Upper Limit	Remarks	Remarks to Working Hours
			[Organisation or Authority:] Auckland Model Aero Club; PO Box 9406, Newmarket 1031, TEL (09) 575 7971 Email stanm09c4@gmail.com	
NZD226	ROTOWARO	2000 FT	[Activity or Purpose:] Civil blasting.  [Organisation or Authority:] Orica New Zealand Ltd; TEL (03) 447 9802, 021 926039	
NZD228	BOMBAY QUARRY	1800 FT	[Activity or Purpose:] Civil blasting.  [Organisation or Authority:] Enviro NZ Services Ltd TEL 0800 240 120 027 495 6350 Email wellington@environz.co.nz	
NZD233	NGATEA	9500 FT	[Activity or Purpose:] Model rocketry.  [Organisation or Authority:] NZ Rocketry Association; TEL (027) 482 1085, 027 4932 766  Email info@aerospaceeducation.co.nz  http://www.rockets.co.nz	
NZD234	TAUPIRI	9500 FT	[Activity or Purpose:] Model rocketry.  [Organisation or Authority:] NZ Rocketry Association; TEL (027) 482 1085, http://www.rockets.co.nz 027 4932 766 Email info@aerospaceeducation.co.nz	
NZD235	DRURY AERODROME	2500 FT	[Activity or Purpose:] Intense glider activity, Winch launching to 3500 ft.  [Organisation or Authority:] Auckland Gliding Club; PO Box 6307, Auckland 1036, TEL (09) 294 8881  Email cfi@glidingauckland.co.nz	
NZD236	TUAKAU	1000 FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Tuakau Model Aero Club; 39 Harrisville Road, Tuakau, TEL (09) 236 9722	

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Identifier	Name	Upper Limit	Remarks	Remarks to Working Hours
			Email jjbutcher@xtra.co.nz	
NZD237	TECT PARK	2500 FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Tauranga Model Aircraft Club; TEL 027 643 2103 Email taurangamodelfly@gmail.com	
NZD320	COLYTON	1500 FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Palmerston North Aeroneers Model Aero Club Inc; PO Box 800, Palmerston North 5320, TEL (027) 654 5810 TEL (021) 670 689 Email treasurer@aeroneers.com mauricej@inspire.net.nz	
NZD321	HAWERA	1000 FT	[Activity or Purpose:] Jet efflux.  [Organisation or Authority:] Fonterra (efflux), TEL 027 4350 583 Email Brian.purser@fonterra.com	
NZD322	MOTUNUI	900 FT	[Activity or Purpose:] Gas efflux and petroleum condensate.  [Organisation or Authority:] OMV New Zealand Tel (06) 757 7126 Methanex NZ Ltd; Private Bag 2011, New Plymouth 4342, TEL (06) 754 9700  (Jet efflux and petroleum condensates.)	
NZD323	TARERE FOREST	2600 FT	[Activity or Purpose:] Military activities including RPAS.  [Organisation or Authority:] S7 Branch HQ 1 (NZ) BDE NZ Army (Linton Military Camp) (06) 351 9071 Email AGSW&RS@nzdf.mil.nz Tel (06) 353 4131	
NZD324	STRATFORD	1200 FT	[Activity or Purpose:] Jet efflux.  [Organisation or Authority:] Contact Energy Ltd; PO Box 10 742, Wellington 6143, TEL	

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Identifier	Name	Uppe	r Limit	Remarks	Remarks to Working Hours
				(04) 499 4001	
NZD325	NORTH TARANAKI BIGHT	1300	FT	[Activity or Purpose:] Jet efflux and petroleum condensates.  [Organisation or Authority:] OMV New Zealand Tel (06) 757 7126; Private Bag 2035, New Plymouth,	
NZD326	LEVIN	1200	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Levin Model Aeroplane Club; 10 Roosevelt Street, Levin 5500, TEL (06) 362 6313  Email levinmodelclub@gmail.com	
NZD327	MANAIA	2500	FT	[Activity or Purpose:] Jet efflux.  [Organisation or Authority:] Beach Energy Resources (Kupe) Ltd Tel (06) 274 9712	
NZD329	MCKEE MANGAHEWA	1700	FT	[Activity or Purpose:] Jet efflux from thermal generation and hydrocarbon gas condensate.  [Organisation or Authority:] Todd Energy Ltd Control Room Tel (06) 754 9030 Email sbaker@toddenergy.co.nz	
NZD330	OAONUI	1600	FT	[Activity or Purpose:] Jet efflux and petroleum condensate.  [Organisation or Authority:] OMV New Zealand Tel (06) 757 7126 Tel (06) 757 7080	
NZD331	KAPUNI	2100	FT	[Activity or Purpose:] Jet efflux and gas condensate.  [Organisation or Authority:] Shell Todd Oil Services Ltd; Control Room TEL (06) 272 7929  Email sbaker@toddenergy.co.nz	
NZD332	MAUI PLATFORM A	1500	FT	[Activity or Purpose:] Jet efflux and petroleum condensate.	

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Identifier	Name	Upper Limit	Remarks	Remarks to Working Hours			
			[Organisation or Authority:] OMV New Zealand Tel (06) 757 7080				
NZD333	MAUI PLATFORM B	1500 FT	[Activity or Purpose:] Jet efflux and petroleum condensate.				
			[Organisation or Authority:] OMV New Zealand Tel (06) 757 7080				
NZD334	MAARI PLATFORM	1500 FT	[Activity or Purpose:] Jet eflux and gas condensate				
			[Organisation or Authority:] OMV New Zealand Ltd; TEL (06) 757 7499				
NZD426	CENTENNIAL PARK	3000 FT	[Activity or Purpose:] Model aircraft and glider flying.				
			[Organisation or Authority:] Taupo Model Flyers; 13 Hammersmith St, Taupo 2730, TEL (027) 200 2551 or (027) 535 3972 Email taupo.modelfliers@outlook.com				
NZD522	MANGAHAO	2500 FT	[Activity or Purpose:] RPAS activity.  [Organisation or Authority:] NZ Army (Linton Military Camps); S7 Branch, HQ 1 (NZ) BDE  TEL (06) 351 9071  Email AGSW&RS@nzdf.mil.nz (06) 353 4131				
NZD524	PAPAWAI	2500 FT	[Activity or Purpose:] Glider winching.  [Organisation or Authority:] Greytown Soaring Centre, 76 Tilsons Road, Papawai, Greytown TEL 021 493 349  Email David.hirst.nz@gmail.com				
NZD620	PAEKAKARIKI	800 FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Kapiti Aeromodellers Club; 14 Sailmaker Close, Whitby, Porirua 5024, TEL (04) 234 7574  TEL 021 1509 763  Email presidentkamc@gmail.com				

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Identifier	Name	Uppe	Limit	Remarks	Remarks to Working Hours
NZD621	TRENTHAM	1500	FT	[Activity or Purpose:] Military activities including RPAS  [Organisation or Authority:] HQ Trentham Regional Support Centre Range Control NZ Army (Trentham) (04) 494 3182 / 027 292 9883  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD625	TITAHI BAY	1500	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Wellington Model Aeroplane Club; 14A Te Kiteroa Grove, Johnsonville, Wellington, TEL 027 444 1233 / 027 440 7967  Email secretary@wmac.org.nz  Email leo.duflou@orcon.net.nz	
NZD626	BIG BUSH	5500	FT	[Activity or Purpose:] Military activities including RPAS  [Organisation or Authority:] HQ- Southern Regional Support Centre Range Control NZ Army; Burnham Military Camp, Burnham, TEL (03) 353 4131 Email AGSW&RS@nzdf.mil.nz	
NZD627	LOWER HUTT	1000	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Wellington Model Aeroplane Club; 33 Mercury Way, Whitby, Porirua TEL (04) 235 6925 or 027 444 1233.  Email secretary@wmac.org.nz leo.duflou@orcon.net.nz	[Active:] Daylight Hours when advised by NOTAM.
NZD629	QUARRY	1200	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Marlborough Associated Modellers Society; TEL (03) 578 0716/021 210 7769 Email Peterd@orcon.net.nz	
NZD711	WAI-ITI CREEK	3000	FT	[Activity or Purpose:] Military activities including RPAS.	

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Identifier	Name	Upper Limit	Remarks	Remarks to Working Hours		
			[Organisation or Authority:] HQ - Southern Regional Support Centre Range Control NZ Army (Burnham Camp), Tel (03) 363 0006 Email AGSW&RS@nzdf.mil.nz (06) 353 4131			
NZD715	STRONGMAN MINE	5000 FT	[Activity or Purpose:] Civil blasting.  [Organisation or Authority:] Birchfield Coal Mines Ltd			
NZD716	DENNISTON	5000 FT	[Activity or Purpose:] Civil blasting.  [Organisation or Authority:] Bathurst Resources Ltd; TEL (03) 788 9701  Email angela.brown@bathurst.co.nz			
NZD721	PAPAROA FOREST	3500 FT	[Activity or Purpose:] Military activities including RPAS  [Organisation or Authority:] HQ - Southern Regional Support Centre Range Control NZ Army (Burnham) (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131			
NZD722	EDENDALE	800 FT	[Activity or Purpose:] Jet efflux.  [Organisation or Authority:] Fonterra Co-operative Group Ltd; PO Box 20, Edendale, Southland, TEL (03) 206 6190 Email stacy.lines@fronterra.com			
NZD723	STOCKTON	5000 FT	[Activity or Purpose:] Civil blasting, RPAS  [Organisation or Authority:] Bathurst Resources; TEL (03) 788 9701 (manned 24/7)			
NZD724	WESTPORT	1500 FT	[Activity or Purpose:] Explosive magazine.  [Organisation or Authority:] Orica Explosives; Ops Manager, Kawakawa Bay Rd, RD5, Auckland 2585, Tel (03) 788 8163 / 021 926 039			

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Identifier	Name	Upper	Limit	Remarks	Remarks to Working Hours
				Email craig.pledger@orica.com	
NZD729	BLUFF	1000	FT	[Activity or Purpose:] Civil blasting.  [Organisation or Authority:] Southern Aggregates Ltd; PO Box 1104, Invercargill, TEL (03) 212 7159, (03) 218 1140, FAX (03) 217 1077	
NZD820	MARUIA	6500	FT	[Activity or Purpose:] Military activities including RPAS.  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD822	RETREAT CREEK	5000	FT	[Activity or Purpose:] Military activities including RPAS.  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD827	WEST MELTON	1350	FT	[Activity or Purpose:] Military activities including RPAS.  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD829	GLENDENE	1350	FT	[Activity or Purpose:] Model aircraft flying.  [Organisation or Authority:] Christchurch Model Aircraft Club Inc; PO Box 7607, Sydenham, Christchurch 8240, TEL 021 022 54347  Email moffatga@outlook.com	
NZD921	MIDDLEMARCH	8700	FT	[Activity or Purpose:] Military activities including RPAS  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (RNZIR) Tel (03) 363 0006	

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Identifier	Name	Upper	Limit	Remarks	Remarks to Working Hours
				Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD925	WAITATI	2000	FT	[Activity or Purpose:] Military activities including RPAS  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD926	PUKAKI	12500	FT	[Activity or Purpose:] Military activities including RPAS  [Organisation or Authority:]HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD927	BRAEMAR			[Activity or Purpose:] Military activities including RPAS  [Upper Limit:] Advised by NOTAM.  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006  Email AGSW&RS@nzdf.mil.nz (06) 353 4131	
NZD928	TEKAPO			[Activity or Purpose:] Military activities including RPAS  [Upper Limit:] Advised by NOTAM.  [Organisation or Authority:] HQ - Southern Regional Support Centre NZ Army (Burnham) Tel (03) 363 0006 Email AGSW&RS@nzdf.mil.nz (06) 353 4131	

\*\*\* SEE AIRSPACE BOUNDARY DESCRIPTIONS BELOW \*\*\*



# **AERONAUTICAL SERVICES**

### NZANR – Part 71 – Danger Area boundaries

	Boundary line	e types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclock	wise Arc), <b>GRC</b> (Grea	t Circle), <b>RHL</b> (Rhum	bline), FNT	(geoborder i.e. a line	following the road , e	tc)	
Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc ra	adius
NZD120	1		365650.00\$	1745145.00E	CIR	365650.00S	1745145.00E	0.27	NM
NZD121	1		364922.00S	1744150.00E	CIR	364922.00S	1744150.00E	0.27	NM
NZD123	1		362454.60S	1742628.40E	CIR	362454.60S	1742628.40E	0.54	NM
NZD124	1		363614.80S	1743610.30E	CIR	363614.80S	1743610.30E	0.54	NM
NZD125	1		363131.80\$	1745456.90E	GRC				
NZD125	2		363530.008	1745456.90E	GRC				
NZD125	3		363530.008	1745240.40E	GRC				
NZD125	4		363636.30S	1745240.40E	GRC				
NZD125	5		363617.508	1745020.00E	GRC				
NZD125	6		363542.00S	1744900.00E	GRC				
NZD125	7		363131.80\$	1744900.00E	GRC				
NZD128	1		365245.00S	1745215.00E	CIR	365245.00S	1745215.00E	0.27	NM
NZD129	1		365648.758	1744628.98E	GRC				
NZD129	2		365708.20S	1744518.70E	CWA	365646.50S	1744548.70E	0.5	NM
NZD130	1		363350.208	1745240.40E	GRC				
NZD130	2		363636.30S	1745240.40E	GRC				
NZD130	3		363617.50S	1745020.00E	GRC				
NZD130	4		363542.00S	1744900.00E	GRC				
NZD130	5		363350.20\$	1744900.00E	GRC				
NZD221	1		371925.30S	1752643.40E	CIR	371925.30S	1752643.40E	0.54	NM
NZD224	1		371621.10S	1744657.30E	CIR	371621.10S	1744657.30E	0.54	NM
NZD225	1		370613.50S	1745252.70E	CIR	370613.50S	1745252.70E	0.54	NM

NZANR – Part 71 – Danger Area boundaries

	Boundary line	e types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclock	wise Arc), <b>GRC</b> (Grea	t Circle), <b>RHL</b> (Rhuml	bline), <b>FNT</b>	(geoborder i.e. a line	following the road , e	tc)	
Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc ra	adius
NZD226	1		373714.84S	1750539.49E	CIR	373714.84S	1750539.49E	1.35	NM
NZD228	1		371256.20S	1745930.60E	CIR	371256.20S	1745930.60E	0.5	KM
NZD233	1		371913.70S	1752543.80E	CIR	371913.70S	1752543.80E	0.54	NM
NZD234	1		373242.00S	1751556.00E	CIR	373242.00S	1751556.00E	0.54	NM
NZD235	1		370547.20S	1745831.80E	CIR	370547.20S	1745831.80E	1	NM
NZD236	1		371642.60S	1745651.80E	CIR	371642.60S	1745651.80E	0.54	NM
NZD237	1		375647.00S	1760848.20E	CIR	375647.00S	1760848.20E	1.08	NM
NZD320	1		401218.00S	1753830.00E	CIR	401218.00S	1753830.00E	0.54	NM
NZD321	1		393635.60S	1741800.60E	CIR	393635.60S	1741800.60E	0.54	NM
NZD322	1		385925.00S	1741700.00E	CIR	385925.00S	1741700.00E	0.4	NM
NZD323	1	Patea Dam	393243.70S	1743406.60E	GRC				
NZD323	2	Tarere Road End	393703.70S	1743132.60E	GRC				
NZD323	3	Otoki Stream	393541.70S	1742634.60E	GRC				
NZD323	4	Hill 12961, 922 ft	393458.70S	1742659.60E	GRC				
NZD323	5	Mt Mangone, 1404 ft	393157.70S	1742808.60E	GRC				
NZD323	6	Mt Patete, 1328 ft	393144.70S	1743003.60E	GRC				
NZD324	1		392001.00S	1741917.00E	CIR	392001.00S	1741917.00E	0.27	NM
NZD325	1		385442.90S	1741615.30E	CIR	385442.90S	1741615.30E	0.5	NM
NZD326	1		403843.80S	1751656.60E	CIR	403843.80S	1751656.60E	0.54	NM
NZD327	1		393445.00S	1740950.00E	CIR	393445.00S	1740950.00E	0.27	NM
NZD329	1		390533.30S	1742007.20E	CIR	390533.30S	1742007.20E	0.5	NM
NZD330	1		392404.60S	1734851.70E	CIR	392404.60S	1734851.70E	0.54	NM
NZD331	1		392837.90\$	1741021.40E	CIR	392837.90S	1741021.40E	0.54	NM
NZD332	1		393324.00S	1732657.00E	CIR	393324.00S	1732657.00E	1	NM
NZD333	1		393843.00S	1731856.00E	CIR	393843.00S	1731856.00E	1	NM
NZD334	1		395823.33\$	1731744.90E	CIR	395823.33S	1731744.90E	1.5	NM

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Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc r	adius
NZD426	1		383957.60S	1760820.70E	CIR	383957.60S	1760820.70E	0.4	NM
NZD522	1	a line following the railway from	402644.70S	1754848.80E	FNT				
NZD522	2	Beaufort	402928.00S	1754552.00E	GRC				
NZD522	3	Nikau	402910.208	1754341.70E	GRC				
NZD522	4	Marima, 1847 ft	402800.30\$	1754059.20E	GRC				
NZD522	5	1732 ft	402640.80S	1754130.50E	GRC				
NZD522	6		402610.108	1754221.10E	GRC				
NZD522	7	Balance Road and Tararua Road Intersection	402544.40\$	1754717.60E	GRC				
NZD524	1		410615.008	1753000.00E	CIR	410615.00S	1753000.00E	1	NM
NZD620	1		405741.508	1745829.00E	CIR	405741.50S	1745829.00E	0.54	NM
NZD621	1		410836.508	1750244.79E	GRC				
NZD621	2		410902.81S	1750310.11E	GRC				
NZD621	3		410950.568	1750224.46E	GRC				
NZD621	4		410933.768	1750217.22E	GRC				
NZD621	5		410919.448	1750220.27E	GRC				
NZD621	6		410851.498	1750212.36E	GRC				
NZD621	7		410847.798	1750210.02E	GRC				
NZD621	8		410846.078	1750212.44E	GRC				
NZD621	9		410847.248	1750220.02E	GRC				
NZD625	1		410536.508	1745039.10E	CIR	410536.50S	1745039.10E	0.27	NM
NZD626	1	a line following Korere-Tophouse Road from Kikiwa to	414020.208	1725234.30E	FNT				
NZD626	2	a line following SH63	414707.10S	1725337.70E	FNT				
NZD626	3		414625.908	1724636.30E	GRC				
NZD626	4	Buller River high tension line	414401.50S	1724242.60E	GRC				
NZD626	5	2795 ft	414106.40S	1724603.30E	GRC				
NZD626	6	2139 ft	414028.90S	1724736.60E	GRC				

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Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc radius	
NZD627	1		411323.30S	1745523.20E	CIR	411323.30S	1745523.20E	0.54	NM
NZD629	1		412629.50S	1735600.10E	CWA	412613.64S	1735637.73E	0.54	NM
NZD629	2		412624.30S	1735718.40E	GRC				
NZD711	1		422344.10S	1714926.30E	GRC				
NZD711	2		422620.20S	1714732.80E	GRC				
NZD711	3		422350.50S	1714122.80E	GRC				
NZD711	4		422117.10S	1714319.80E	GRC				
NZD715	1		421838.10S	1712039.50E	GRC				
NZD715	2		422053.30S	1712142.00E	GRC				
NZD715	3		422343.10S	1712124.70E	GRC				
NZD715	4	Runanga Oxidation Ponds	422323.80S	1711504.90E	GRC				
NZD715	5		422218.30S	1711459.00E	GRC				
NZD715	6		421856.10S	1711714.70E	GRC				
NZD716	1	Mount William, 3484 ft	414607.90S	1714937.80E	GRC				
NZD716	2		414749.00S	1714819.80E	GRC				
NZD716	3		414704.50S	1714643.00E	GRC				
NZD716	4		414642.50S	1714438.00E	GRC				
NZD716	5		414548.20S	1714459.70E	GRC				
NZD716	6		414458.20S	1714643.60E	GRC				
NZD716	7	Intersection of Burnetts face and Cedar CK Roads	414514.30S	1714835.00E	GRC				
NZD721	1	Hill, 2083 ft	421212.90S	1713322.80E	GRC				
NZD721	2	Hurleys Clearing	421318.00S	1713316.70E	GRC				
NZD721	3	a line following Atarau Road from Big River bridge to	421903.20S	1713219.90E	FNT				
NZD721	4		422045.60S	1712606.70E	GRC				
NZD721	5	Lake Margaret	421716.80S	1712410.00E	GRC				
NZD721	6	Mt Anderson, 3506 ft	421423.70S	1712618.20E	GRC				

E	Boundary line	e types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclock	wise Arc), GRC (Grea	t Circle), RHL (Rhuml	bline), <b>FNT</b> (	(geoborder i.e. a line	following the road , e	tc)	
Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc radius	
NZD721	7	Hawera, 3903 ft	421147.80S	1712750.40E	GRC				
NZD722	1		461839.20S	1684706.20E	CIR	461839.20S	1684706.20E	0.27	NM
NZD723	1		413741.88S	1715507.32E	GRC				
NZD723	2		413857.12S	1715423.04E	GRC				
NZD723	3		414135.16S	1715515.24E	GRC				
NZD723	4		414225.92S	1715442.12E	GRC				
NZD723	5		414314.52S	1715332.28E	GRC				
NZD723	6		414323.88S	1715103.60E	GRC				
NZD723	7		414237.44S	1714959.16E	GRC				
NZD723	8		414148.12S	1714954.12E	GRC				
NZD723	9		413830.848	1715053.88E	GRC				
NZD723	10		413727.84S	1715137.80E	GRC				
NZD723	11		413630.24S	1715237.20E	GRC				
NZD723	12		413636.00S	1715258.44E	GRC				
NZD723	13		413722.08S	1715332.28E	GRC				
NZD724	1		414637.80S	1713308.80E	CIR	414637.80S	1713308.80E	0.27	NM
NZD729	1		463252.10S	1681542.20E	CIR	463252.10S	1681542.20E	0.27	NM
NZD820	1	Mt Cann, 5556 ft	420856.90S	1722003.50E	GRC				
NZD820	2	Fyfe Peak, 5281 ft	421132.90S	1722032.50E	GRC				
NZD820	3	5146 ft	421441.90S	1722005.50E	GRC				
NZD820	4	peak 1407 ft, a line following SH65 from	421536.90S	1721313.50E	FNT				
NZD820	5	Warwick Junction	420759.90S	1721417.50E	GRC				
NZD822	1	Madrid Hill, 2867 ft	425628.70S	1722403.80E	GRC				
NZD822	2	The Brothers, 3661 ft	425913.80S	1722246.20E	GRC				
NZD822	3	Little Den	425918.00S	1721635.20E	GRC				
NZD822	4	Mt Whatno, 4284 ft	425617.10S	1721621.30E	GRC				

	Boundary line	e types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclock	kwise Arc), <b>GRC</b> (Grea	nt Circle), <b>RHL</b> (Rhum	bline), <b>FNT</b> (	(geoborder i.e. a line	following the road , e	etc)	
Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc r	adius
NZD827	1		432800.00S	1722211.20E	GRC				
NZD827	2		432922.80S	1722154.40E	GRC				
NZD827	3	a line following Old West Coast Road from	432928.60\$	1722150.80E	FNT				
NZD827	4	a line following Range Rd from	432923.40\$	1722116.60E	FNT				
NZD827	5		432912.008	1722119.60E	GRC				
NZD827	6		432906.60S	1722100.40E	GRC				
NZD827	7		432856.40S	1722044.80E	GRC				
NZD827	8	following the unnamed road from	432800.60\$	1722035.80E	FNT				
NZD829	1		432825.00S	1721908.40E	CIR	432825.00S	1721908.40E	0.54	NM
NZD921	1		453039.00S	1695533.60E	GRC				
NZD921	2	Howell Hut	453159.30S	1695620.30E	GRC				
NZD921	3	Spot height 523 ft	453709.00S	1695541.90E	GRC				
NZD921	4		453818.50S	1694814.60E	GRC				
NZD921	5		453400.80S	1694614.00E	GRC				
NZD921	6		453145.40S	1694916.10E	GRC				
NZD925	1		454546.20S	1703230.30E	GRC				
NZD925	2		454616.20S	1703212.30E	GRC				
NZD925	3		454559.20S	1703106.30E	GRC				
NZD925	4		454529.20S	1703124.30E	GRC				
NZD926	1		435413.50S	1702242.50E	GRC				
NZD926	2		435517.60S	1701949.80E	GRC				
NZD926	3		435653.30S	1701507.90E	GRC				
NZD926	4		435416.70S	1701358.10E	GRC				
NZD926	5		435253.30\$	1701955.90E	GRC				
NZD927	1		435517.60S	1701949.80E	GRC				
NZD927	2		435831.80S	1702015.30E	GRC				

NZANR – Part 71 – Danger Area boundaries

Boundary line types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclockwise Arc), GRC (Great Circle), RHL (Rhumbline), FNT (geoborder i.e. a line following the road , etc)										
Identifier	Sequence	Remarks	Latitude	Longitude	Туре	Arc latitude	Arc longitude	Arc radius		
NZD927	3		435824.00S	1701758.50E	GRC					
NZD927	4		435858.60S	1701603.80E	GRC					
NZD927	5		435653.30S	1701507.90E	GRC					
NZD928	1		435504.00S	1702603.00E	GRC					
NZD928	2		435656.50S	1702625.70E	GRC					
NZD928	3		435807.70S	1702427.50E	GRC					
NZD928	4		435751.90S	1702252.50E	GRC					
NZD928	5		435831.80S	1702015.30E	GRC					
NZD928	6		435517.60S	1701949.80E	GRC					
NZD928	7		435413.50S	1702242.50E	GRC					
NZD928	8		435450.90S	1702338.50E	GRC					

<sup>\*\*\*</sup> END OF AIRSPACE BOUNDARY DESCRIPTIONS \*\*\*