



## AERONAUTICAL SERVICES

### NZANR – Part 71 – Transit Lanes (T)

NOTES: (1) Upper/Lower Limit is expressed in FT (AMSL) or FL (Flight Level) (2) Lower Limit = SFC for all Transit Lanes

Identifier	Name	Upper Limit		Remarks	Working Hours
NZT158	TE HENGA	2000	FT		HJ
NZT159	WHANGAPARAOA	1200	FT		HJ
NZT253	NORTHERN	1000	FT		HJ
NZT254	TE AWAMUTU	1000	FT		HJ
NZT354	OROUA	1000	FT		HJ
NZT651	PORIRUA	1500	FT		HJ
NZT652	TURAKIRAE	1500	FT		HJ
NZT653	BRIGHTWATER	1400	FT		HJ
NZT654	OMAKA	1500	FT		HJ
NZT656	MAKARA	2000	FT		HJ
NZT750	KAWARAU	4500	FT		HJ
NZT751	KINGSTON	5000	FT		HJ
NZT753	RIDGE PEAK	4000	FT		HJ
NZT859	SWANNANOA	1000	FT		HJ
NZT955	DUNEDIN CITY	1500	FT		HJ
NZT958	TAIERI	1100	FT		HJ
NZT959	MT HYDE	2500	FT		HJ

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



## AERONAUTICAL SERVICES

### NZANR – Part 71 – Transit Lane 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	Type	Arc latitude	Arc longitude	Arc radius	
NZT158	1		364819.80S	1742537.70E	GRC				
NZT158	2		364949.50S	1742536.00E	FNT				
NZT158	3		365653.70S	1742802.30E	CWA	364712.45S	1743752.45E	12.5	NM
NZT158	4		365127.60S	1742312.00E	GRC				
NZT159	1		363823.10S	1744603.30E	CWA	364712.45S	1743752.45E	11	NM
NZT159	2		364502.20S	1745119.30E	GRC				
NZT159	3		364602.50S	1745003.70E	GRC				
NZT159	4		364747.90S	1744709.30E	FNT				
NZT159	5		363938.60S	1744437.70E	GRC				
NZT253	1		374552.50S	1752717.30E	GRC				
NZT253	2		374802.20S	1752538.30E	GRC				
NZT253	3		374707.60S	1752442.80E	GRC				
NZT253	4		374644.00S	1752410.60E	GRC				
NZT253	5	Holland Road and Marshmeadow Road intersection	374441.10S	1752204.70E	GRC				
NZT253	6		374624.20S	1751744.40E	GRC				
NZT253	7		374343.90S	1751748.90E	CWA	375057.35S	1752018.77E	7.5	NM
NZT254	1		375808.80S	1752214.70E	GRC				
NZT254	2		380020.10S	1752208.40E	CWA	375057.35S	1752018.77E	9.5	NM
NZT254	3		375808.60S	1751228.30E	GRC				
NZT254	4		375522.80S	1751432.10E	GRC				
NZT254	5	Lake Ngaroto	375715.00S	1751720.00E	GRC				
NZT354	1	Follows Oroua River	401655.90S	1753100.90E	FNT				

## NZANR – Part 71 – Transit Lane 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	Type	Arc latitude	Arc longitude	Arc radius	
NZT354	2	Mangawhata bridge	402331.60S	1752605.50E	GRC				
NZT354	3		402327.20S	1752128.20E	GRC				
NZT354	4	Milner Road and Kellow road intersection	401931.00S	1752242.00E	GRC				
NZT354	5	Taipo Road and Cole Road Intersection	401651.70S	1752752.60E	GRC				
NZT651	1		410855.30S	1745225.90E	GRC				
NZT651	2		411059.80S	1745325.50E	GRC				
NZT651	3		411437.60S	1745510.10E	GRC				
NZT651	4		411540.20S	1745540.20E	GRC				
NZT651	5		411735.10S	1745451.50E	GRC				
NZT651	6	a line following the mean high water mark from Eastbourne	411728.30S	1745336.70E	FNT				
NZT651	7	north end of Petone Wharf	411338.20S	1745220.10E	GRC				
NZT651	8	SH2 and Dowse Drive Interchange	411257.50S	1745257.80E	GRC				
NZT651	9	Belmont Hill VRP	411100.80S	1745226.60E	GRC				
NZT651	10		411101.40S	1744533.00E	GRC				
NZT651	11		410910.30S	1744606.90E	GRC				
NZT651	12	Intersection Mai Road, Raha Street and Kenepuru Drive	410856.90S	1744959.70E	GRC				
NZT652	1	Wainuiomata River	412248.30S	1745328.70E	GRC				
NZT652	2		412300.20S	1745336.30E	GRC				
NZT652	3		412445.40S	1745444.50E	GRC				
NZT652	4		412555.60S	1745530.40E	CWA	412014.02S	1744901.06E	7.5	NM
NZT652	5		412704.70S	1745304.90E	GRC				
NZT652	6	a line following the Wainuiomata River from	412443.80S	1745305.60E	FNT				
NZT653	1		412433.20S	1730806.70E	GRC				
NZT653	2		412522.70S	1730529.10E	GRC				
NZT653	3		412320.50S	1730251.60E	GRC				
NZT653	4		412125.30S	1730158.10E	GRC				

## NZANR – Part 71 – Transit Lane 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	Type	Arc latitude	Arc longitude	Arc radius	
NZT653	5		412022.40S	1730441.50E	GRC				
NZT653	6	Sawmill VRP	412039.80S	1730448.50E	GRC				
NZT653	7	a line following the metal road to	412043.40S	1730451.70E	GRC				
NZT653	8	a line following Waimea West Road to	412105.40S	1730541.20E	FNT				
NZT653	9	(int Waimea West and Teapot Valley road) a line following Waimea West Road to	412139.80S	1730517.70E	FNT				
NZT653	10	a line following Ellis Street to	412225.70S	1730625.90E	GRC				
NZT653	11	a line following River Terrace to	412245.80S	1730650.00E	FNT				
NZT653	12	a line following Lee Valley Road to	412418.80S	1730747.60E	FNT				
NZT654	1		413000.00S	1740800.00E	GRC				
NZT654	2	White Bluffs	413328.90S	1740849.60E	GRC				
NZT654	3		413425.60S	1740854.20E	GRC				
NZT654	4	Redwood Pass Road	413403.00S	1740352.50E	GRC				
NZT654	5	Taylor Dam	413422.30S	1735554.60E	GRC				
NZT654	6	Saul, 1715 ft	413635.30S	1734955.50E	GRC				
NZT654	7		413656.70S	1734858.10E	GRC				
NZT654	8		413709.70S	1734155.70E	GRC				
NZT654	9		413539.20S	1734045.40E	GRC				
NZT654	10	The Ridge	413211.10S	1735216.90E	GRC				
NZT654	11	A line following Paynters Road to	413211.60S	1735249.30E	FNT				
NZT654	12	A line following New Renwick Road to	413147.90S	1735255.60E	FNT				
NZT654	13		413143.50S	1735639.60E	GRC				
NZT654	14		413225.80S	1735803.80E	GRC				
NZT654	15	Vernon Works	413231.80S	1740125.20E	GRC				
NZT654	16	Wairau Bar; A line following the mean high water mark to	412959.80S	1740344.20E	FNT				
NZT654	17	The Diversion	412624.80S	1740145.60E	GRC				

## NZANR – Part 71 – Transit Lane 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	Type	Arc latitude	Arc longitude	Arc radius	
NZT656	1		411158.90S	1744515.50E	GRC				
NZT656	2		411239.50S	1744507.80E	FNT				
NZT656	3		411419.20S	1744505.10E	FNT				
NZT656	4		411614.10S	1744249.20E	GRC				
NZT656	5		411506.50S	1744155.90E	GRC				
NZT656	6		411445.20S	1744218.80E	GRC				
NZT656	7		411240.20S	1744431.60E	GRC				
NZT750	1		445553.90S	1690748.70E	GRC				
NZT750	2		450102.90S	1690734.80E	GRC				
NZT750	3		450424.10S	1690554.00E	GRC				
NZT750	4		450445.40S	1690120.10E	GRC				
NZT750	5		450430.40S	1690009.10E	GRC				
NZT750	6		450234.60S	1690057.40E	GRC				
NZT750	7	Quartz Knoll, 5226 ft	445737.50S	1685939.80E	GRC				
NZT750	8	Queensberry Hill, 5023 ft	445556.10S	1690041.40E	GRC				
NZT750	9		445539.50S	1690305.40E	GRC				
NZT751	1		450924.80S	1684732.40E	GRC				
NZT751	2		451255.80S	1684711.30E	GRC				
NZT751	3		451238.30S	1683903.60E	GRC				
NZT751	4		451141.60S	1683639.70E	GRC				
NZT751	5		450911.60S	1683805.20E	GRC				
NZT753	1		450344.00S	1682736.40E	GRC				
NZT753	2	Rat Point	450430.70S	1682742.90E	GRC				
NZT753	3		450622.30S	1682724.90E	GRC				
NZT753	4		450810.00S	1682755.70E	GRC				
NZT753	5		450918.30S	1682800.00E	GRC				

## NZANR – Part 71 – Transit Lane 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	Type	Arc latitude	Arc longitude	Arc radius	
NZT753	6		451035.40S	1682720.00E	GRC				
NZT753	7	Ridge Peak, 6030 ft	451207.20S	1682358.40E	GRC				
NZT753	8		451318.70S	1681834.80E	GRC				
NZT753	9	Mt Lookup, 5653 ft	451213.40S	1681524.00E	GRC				
NZT753	10		450840.90S	1681301.60E	GRC				
NZT859	1	a line following Two Chain Road from	432249.10S	1722847.40E	GRC				
NZT859	2	Pond VRP - a line following the 4WD track on the north bank of the Waimakariri River from	432627.40S	1722616.20E	FNT				
NZT859	3		432654.90S	1722405.40E	GRC				
NZT859	4		432615.70S	1722251.30E	GRC				
NZT859	5	Melton Grange	432225.70S	1722718.40E	GRC				
NZT955	1	Maori Head	455436.20S	1703406.30E	GRC				
NZT955	2	Taieri Island	460328.20S	1701306.30E	GRC				
NZT955	3	Milton	460706.20S	1695718.30E	GRC				
NZT955	4	Gorge Hill 1327 ft	460434.20S	1700235.30E	GRC				
NZT955	5	Hill 1030 ft	455641.50S	1701447.40E	GRC				
NZT955	6	Saddle Hill 1552 ft	455438.40S	1702119.40E	GRC				
NZT955	7	Fairfield	455357.20S	1702332.70E	GRC				
NZT955	8	Follow Milner and Waironga Roads	455047.00S	1702348.30E	FNT				
NZT955	9	Intersection of Gordon and Wairongoa Roads	455030.20S	1701943.60E	GRC				
NZT955	10		454922.60S	1701849.40E	GRC				
NZT955	11		454714.40S	1702230.20E	GRC				
NZT955	12	Mt Allan 2345 ft	454436.20S	1702432.30E	GRC				
NZT955	13	Swampy VOR/DME	454740.27S	1702837.90E	GRC				
NZT958	1		455047.00S	1702348.30E	GRC				
NZT958	2	Fairfield	455357.20S	1702332.70E	GRC				

**NZANR – Part 71 – Transit Lane boundaries**

Boundary line types <b>CIR</b> ( <i>Circle</i> ), <b>CWA</b> ( <i>Clockwise Arc</i> ), <b>CCA</b> ( <i>Counterclockwise Arc</i> ), <b>GRC</b> ( <i>Great Circle</i> ), <b>RHL</b> ( <i>Rhumbline</i> ), <b>FNT</b> ( <i>geoborder i.e. a line following the road, etc</i> )									
Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	
NZT958	3	(Jaffray Hill Quarry), a line following Riccarton Road West from	455449.60S	1702043.70E	GRC				
NZT958	4		455028.20S	1701812.10E	GRC				
NZT958	5		455026.50S	1701700.10E	GRC				
NZT958	6		454922.60S	1701849.40E	GRC				
NZT958	7	(intersection of Gordon and Wairongoa Roads); a line following Wairongao and Milners Roads from	455030.20S	1701943.60E	FNT				
NZT959	1	Mt Allan, 2345 ft	454436.20S	1702432.30E	GRC				
NZT959	2		454714.40S	1702230.20E	GRC				
NZT959	3		455026.50S	1701700.10E	GRC				
NZT959	4	SH 87 Intersection	455019.20S	1701144.30E	GRC				
NZT959	5	Mt Hyde, 1455 ft	454725.20S	1701717.30E	GRC				

**\*\*\* END OF AIRSPACE BOUNDARY DESCRIPTIONS \*\*\***