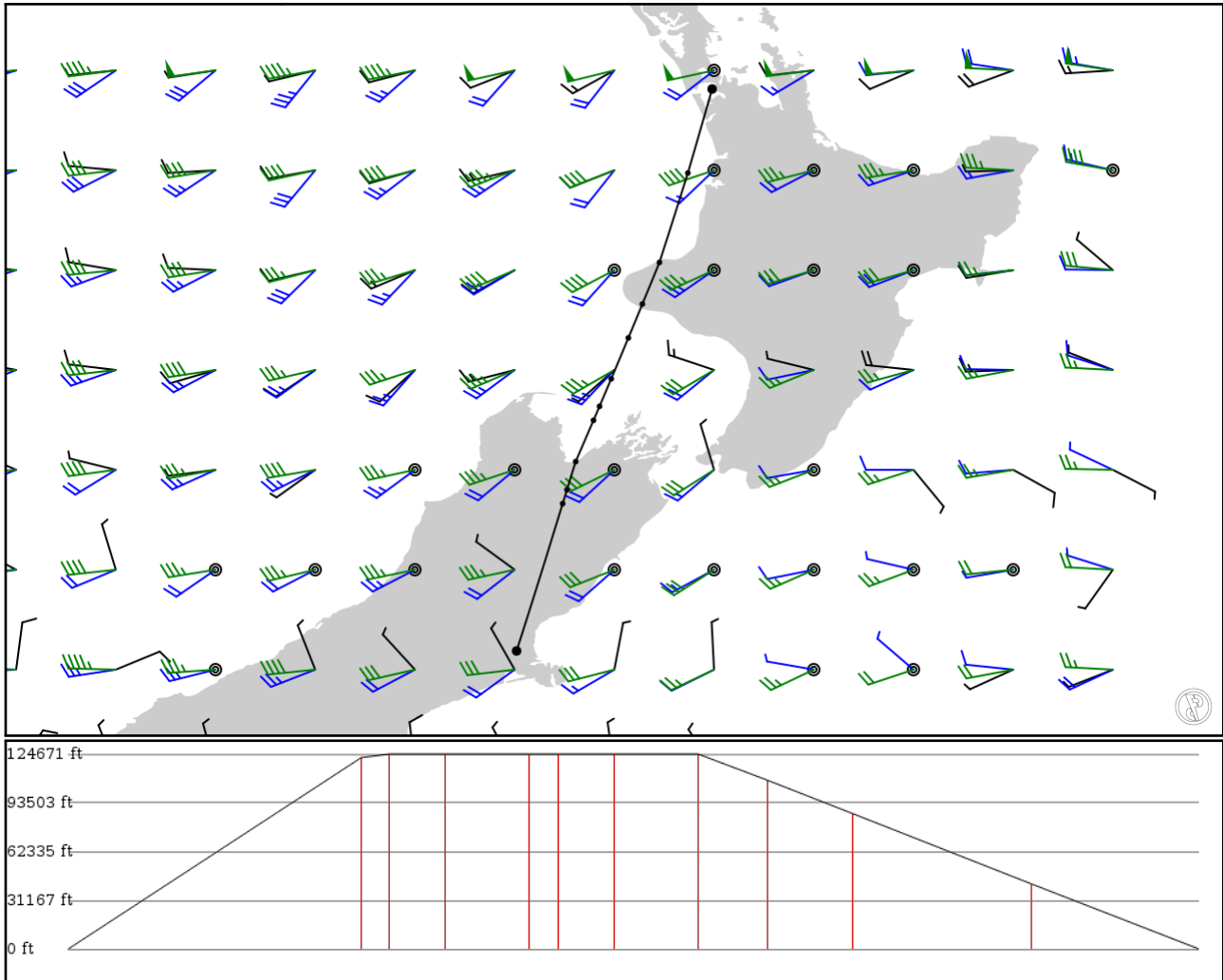


2024/05/14 1038Z

NZCH LANAG H110 NS H252 NP H384 KARRL NZAA

402.90 nm / 746.18 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NZCH	-	-43.48660	0 ft	-	Christchurch
APT	-	172.53400	0 m		
LANAG	-	-41.78820	37,300 ft	104	-
FIX	-	173.06600	11,369 m		
GUNEL	H110	-41.62870	38,000 ft	9	-
FIX	AWY-HI	173.11600	11,582 m		
NS	H110	-41.30370	38,000 ft	20	NELSON
VOR	AWY-HI	173.21600	11,582 m		
KUNVO	H252	-40.82810	38,000 ft	30	-
FIX	AWY-HI	173.42200	11,582 m		
MENOV	H252	-40.66630	38,000 ft	10	-
FIX	AWY-HI	173.49200	11,582 m		
TELIM	H252	-40.34890	38,000 ft	20	-
FIX	AWY-HI	173.62700	11,582 m		
TONUS	H252	-39.87750	38,000 ft	29	-
FIX	AWY-HI	173.82500	11,582 m		
RUPNU	H252	-39.48650	32,900 ft	24	-
FIX	AWY-HI	173.98700	10,028 m		
NP	H252	-39.00720	26,400 ft	30	NEW PLYMOUTH
VOR	AWY-HI	174.18400	8,047 m		
KARRL	H384	-37.97670	12,700 ft	63	-
FIX	AWY-HI	174.51200	3,871 m		
NZAA	-	-37.00810	0 ft	59	Auckland Intl
APT	-	174.79200	0 m		

## NZCH

Region: NEW ZEALAND AND ANTARCTICA  
Timezone: PACIFIC/AUCKLAND  
Runways: 3

Elevation: 121 ft / 37 m  
Location: -43.486600 172.534000  
Magnetic Var: 24.292 E

## METAR

NZCH 141000Z AUTO 05002KT 9999 NCD 08/07 Q1017

## TAF

TAF NZCH 140803Z 1409/1512 08010KT CAVOK BECMG 1409/1411 35005KT PROB30 1416/1420 0500 FG BECMG 1423/1501 08010KT

## Frequencies

REC - 127.20 MHz - ATIS  
TWR - 118.40 MHz -  
APP - 126.10 MHz -  
COM - 122.80 MHz - UNICOM NZCC  
GND - 121.90 MHz -  
DEP - 120.90 MHz -  
CLD - 128.20 MHz - DEL

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	10,799 ft	39.98	ASPHALT	0 ft	0 ft
	45 m	3,291 m	15.69		0 m	0 m
20	148 ft	10,799 ft	219.97	ASPHALT	0 ft	0 ft
	45 m	3,291 m	195.67		0 m	0 m
11	148 ft	5,717 ft	130.17	ASPHALT	131 ft	0 ft
	45 m	1,743 m	105.88		40 m	0 m
29	148 ft	5,717 ft	310.16	ASPHALT	0 ft	0 ft
	45 m	1,743 m	285.87		0 m	0 m
02L	197 ft	1,785 ft	40.00	GRASS	0 ft	0 ft
	60 m	544 m	15.71		0 m	0 m
20R	197 ft	1,785 ft	220.00	GRASS	0 ft	0 ft
	60 m	544 m	195.71		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	ICH	109.90 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
20	DME	IHW	110.30 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
02	LOC-ILS	ICH	109.90 MHz	18 nm	39.68	-	123 ft
				33 km	15.39		123 m
20	LOC-ILS	IHW	110.30 MHz	18 nm	220.31	-	123 ft
				33 km	196.02		123 m
02	GS	ICH	109.90 MHz	10 nm	40.97	3.00	123 ft
				19 km	16.68		123 m
20	GS	IHW	110.30 MHz	10 nm	220.97	3.00	123 ft
				19 km	196.68		123 m

## NZAA

Region: NEW ZEALAND AND ANTARCTICA  
Timezone: PACIFIC/AUCKLAND  
Runways: 1

Elevation: 23 ft / 7 m  
Location: -37.008100 174.792000  
Magnetic Var: 20.179 E

## METAR

NZAA 141000Z AUTO 05006KT 9999 FEW030/// BKN046/// 15/11 Q1021

## TAF

TAF NZAA 140800Z 1409/1512 04010KT 9999 -RA SCT020 BKN030 TEMPO 1412/1415 7000 RA FM141500 02015G25KT 9999 -RA FEW

## Frequencies

REC - 127.80 MHz - ATIS	REC - 127.00 MHz - ATIS
GND - 121.90 MHz - AUCKLAND GROUND	TWR - 118.70 MHz - AUCKLAND TOWER
TWR - 120.95 MHz - AUCKLAND TOWER	CLD - 128.20 MHz - CLEARANCE DELIVERY
APP - 120.10 MHz - AUCKLAND APPROACH	APP - 124.30 MHz - AUCKLAND APPROACH
APP - 129.50 MHz - AUCKLAND APPROACH	APP - 129.60 MHz - AUCKLAND APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	151 ft	12,040 ft	70.92	CONCRETE	1,250 ft	0 ft
	46 m	3,670 m	50.74		381 m	0 m
23L	151 ft	12,040 ft	250.90	CONCRETE	0 ft	131 ft
	46 m	3,670 m	230.72		0 m	40 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	DME	IAA	110.30 MHz	18 nm	-	-	23 ft
				33 km	-		23 m
23L	DME	IMG	109.90 MHz	18 nm	-	-	23 ft
				33 km	-		23 m
05R	LOC-ILS	IAA	110.30 MHz	18 nm	70.91	-	23 ft
				33 km	50.73		23 m
23L	LOC-ILS	IMG	109.90 MHz	18 nm	250.91	-	23 ft
				33 km	230.73		23 m
05R	GS	IAA	110.30 MHz	10 nm	70.91	3.00	23 ft
				19 km	50.73		23 m
23L	GS	IMG	109.90 MHz	10 nm	250.91	3.00	23 ft
				19 km	230.73		23 m