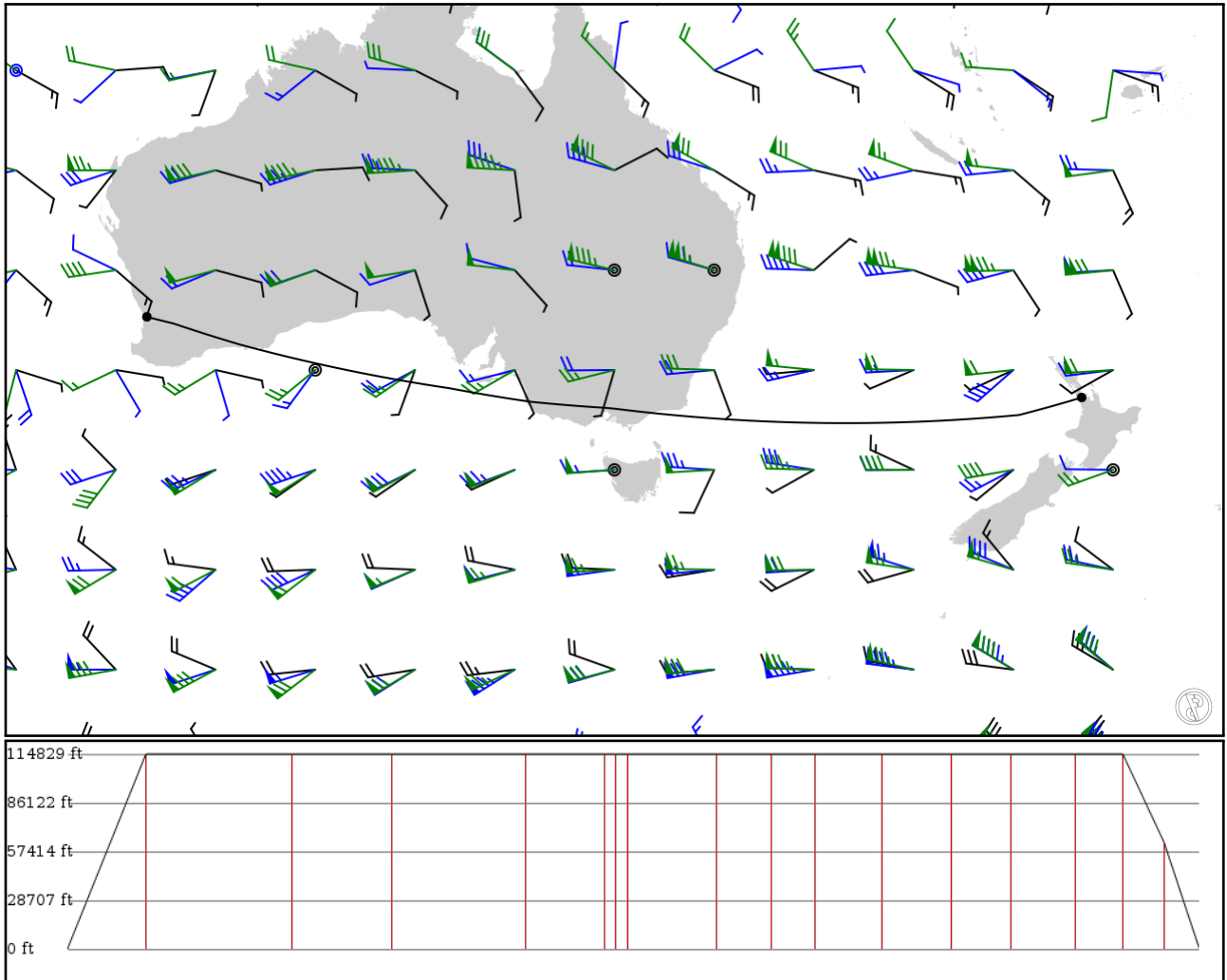


2024/06/02 1959Z

NZAA AA **N759** ML **Q158** HAMTN YPPH

2889.37 nm / 5351.11 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- 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
NZAA	-	-37.00810	0 ft	-	Auckland Intl
APT	-	174.79200	0 m		
AA	-	-37.00460	300 ft	1	AUCKLAND
VOR	-	174.81400	91 m		
PEBLU	N759	-38.10980	35,000 ft	199	-
FIX	AWY-HI	170.85800	10,668 m		
SASRO	N759	-38.58080	35,000 ft	371	-
FIX	AWY-HI	163.00000	10,668 m		
MIKEL	N759	-38.59580	35,000 ft	256	-
FIX	AWY-HI	157.53500	10,668 m		
GEMAC	N759	-38.22380	35,000 ft	339	-
FIX	AWY-HI	150.32500	10,668 m		
FARRA	N759	-37.79500	35,000 ft	201	-
FIX	AWY-HI	146.09100	10,668 m		
BADGR	N759	-37.71830	35,000 ft	29	-
FIX	AWY-HI	145.46700	10,668 m		
ML	N759	-37.66010	35,000 ft	29	MELBOURNE
VOR	AWY-HI	144.84200	10,668 m		
CRENA	Q158	-37.27330	35,000 ft	228	-
FIX	AWY-HI	140.08200	10,668 m		
KROWS	Q158	-36.83170	35,000 ft	137	-
FIX	AWY-HI	137.26200	10,668 m		
CANDY	Q158	-36.42500	35,000 ft	111	-
FIX	AWY-HI	135.00000	10,668 m		
CLAMY	Q158	-35.85330	35,000 ft	173	-
FIX	AWY-HI	131.50000	10,668 m		
COBEL	Q158	-35.16830	35,000 ft	175	-
FIX	AWY-HI	128.00000	10,668 m		
CRICK	Q158	-34.49170	35,000 ft	153	-
FIX	AWY-HI	125.00000	10,668 m		
ESP	Q158	-33.68060	35,000 ft	165	ESPERANCE
VOR	AWY-HI	121.82400	10,668 m		
KATHI	Q158	-32.99060	35,000 ft	120	-
FIX	AWY-HI	119.57000	10,668 m		
HAMTN	Q158	-32.36390	19,100 ft	103	-
FIX	AWY-HI	117.65600	5,822 m		
YPPH	-	-31.93980	0 ft	89	Perth International
APT	-	115.96700	0 m		

NZAA

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

Elevation: 23 ft / 7 m
Location: -37.008100 174.792000
Magnetic Var: 20.182 E

METAR

NZAA 021930Z AUTO 00000KT 2100 BCFG NCD 14/13 Q1026

TAF

TAF NZAA 021700Z 0218/0400 VRB02KT 9999 -SHRA FEW005 BKN040 TEMPO 0218/0221 0400 FG BKN006 FM022100 24015KT 9999 S

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

YPPH

Region: AUSTRALIA
Timezone: AUSTRALIA/PERTH
Runways: 2

Elevation: 67 ft / 20 m
Location: -31.939800 115.967000
Magnetic Var: 1.733 W

METAR

YPPH 021930Z 33001KT 9999 -SHRA FEW014 SCT030 BKN044 14/13 Q1016

TAF

TAF YPPH 021712Z 0218/0400 04005KT 9999 -SHRA SCT030 BKN045 FM030500 24010KT 9999 -SHRA SCT030 BKN045 FM031400 0400

Frequencies

REC - 113.70 MHz - PERTH ATIS	APP - 123.60 MHz - PERTH APPROACH
DEP - 118.70 MHz - PERTH DEPARTURE	TWR - 127.40 MHz - PERTH TOWER
GND - 121.70 MHz - PERTH GROUND WEST	GND - 122.20 MHz - PERTH GROUND EAST
CLD - 118.55 MHz - PERTH CLEARANCE DELIVERY	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	7,100 ft	58.88	ASPHALT	0 ft	217 ft
	45 m	2,164 m	60.62		0 m	66 m
24	148 ft	7,100 ft	238.87	ASPHALT	0 ft	220 ft
	45 m	2,164 m	240.61		0 m	67 m
03	148 ft	11,307 ft	13.88	ASPHALT	0 ft	302 ft
	45 m	3,446 m	15.61		0 m	92 m
21	148 ft	11,307 ft	193.88	ASPHALT	0 ft	210 ft
	45 m	3,446 m	195.61		0 m	64 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	IPN	110.10 MHz	18 nm	-	-	75 ft
				33 km	-		75 m
21	DME	IGD	109.50 MHz	18 nm	-	-	67 ft
				33 km	-		67 m
24	DME	IPH	109.90 MHz	18 nm	-	-	67 ft
				33 km	-		67 m
03	LOC-ILS	IPN	110.10 MHz	18 nm	13.88	-	67 ft
				33 km	15.61		67 m
21	LOC-ILS	IGD	109.50 MHz	18 nm	193.87	-	67 ft
				33 km	195.60		67 m
24	LOC-ILS	IPH	109.90 MHz	18 nm	238.88	-	67 ft
				33 km	240.61		67 m
03	GS	IPN	110.10 MHz	10 nm	13.88	3.00	67 ft
				19 km	15.61		67 m
21	GS	IGD	109.50 MHz	10 nm	193.87	3.00	67 ft
				19 km	195.60		67 m
24	GS	IPH	109.90 MHz	10 nm	238.88	3.00	67 ft
				19 km	240.61		67 m