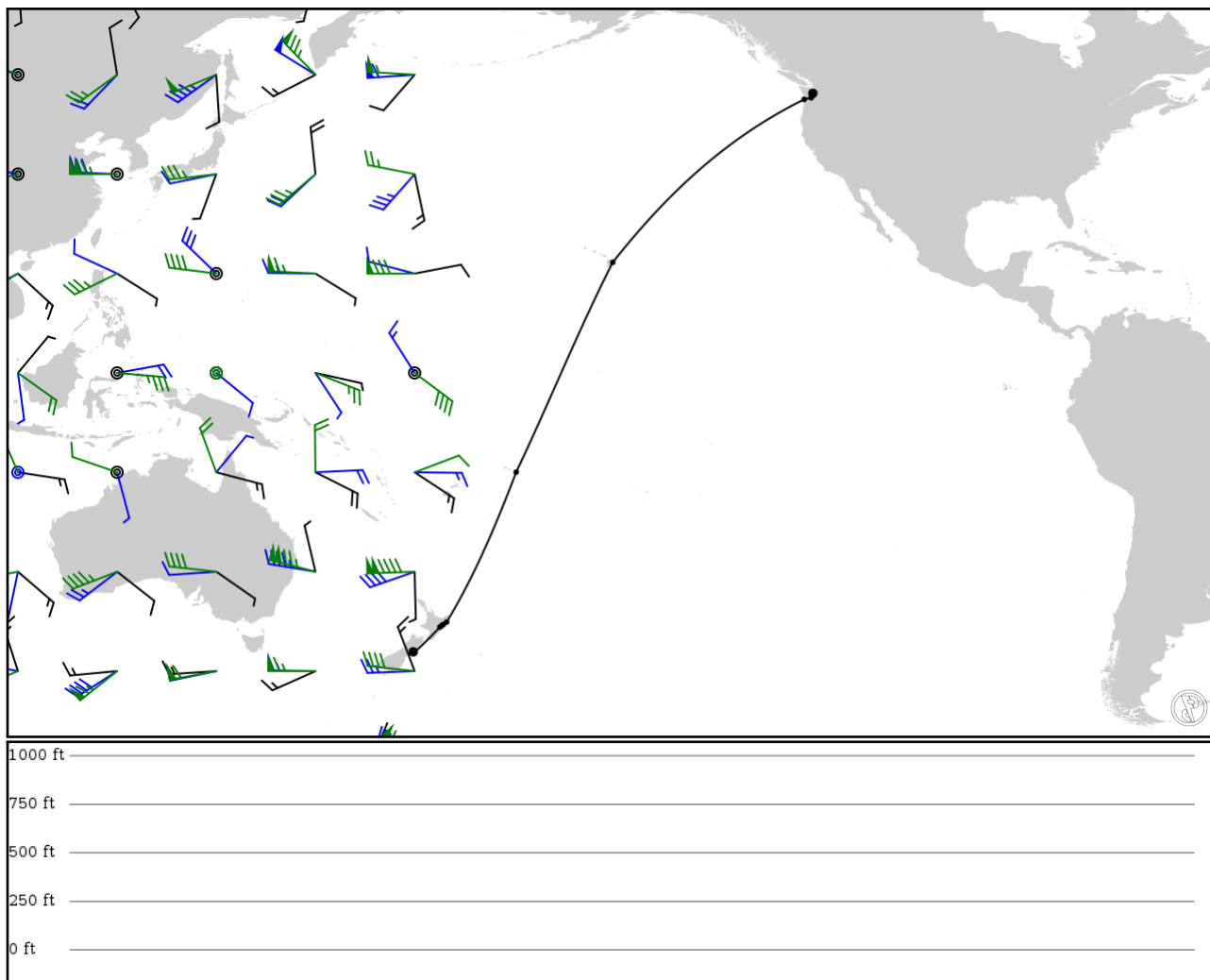


2024/05/23 0429Z

NZCH MAMAN NR **H467** GS TUT ITO AST MALAY **V23** MCKEN RIMOE JETEM SPAAN GUTBE KTCM

6517.39 nm / 12070.20 km



## Notes

Requested: NZCH ALBAD MAMAN NR H467 GS TUT ITO AST MALAY V23 MCKEN RIMOE JETEM SPAAN GUTBE KTCM

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NZCH	-	-43.48664	0 ft	-	Christchurch Intl
APT	-	172.53368	0 m		
MAMAN	-	-43.60039	0 ft	10	-
FIX	-	172.71536	0 m		
NR	-	-39.47234	0 ft	310	NAPIER NDB
NDB	-	176.87153	0 m		
DOMON	H467	-39.22706	0 ft	20	-
FIX	AWY-LO	177.18408	0 m		
WO	H467	-39.06130	0 ft	14	WAIROA NDB
NDB	AWY-LO	177.41243	0 m		
GS	H467	-38.66050	0 ft	35	GISBORNE VOR-DME
VOR	AWY-LO	177.97756	0 m		
TUT	-	-14.33214	0 ft	1579	PAGO PAGO NDB
NDB	-	-170.71950	0 m		
ITO	-	19.72136	0 ft	2245	HILO VORTAC
VOR	-	-155.01094	0 m		
AST	-	46.16169	0 ft	2205	ASTORIA VOR-DME
VOR	-	-123.88039	0 m		
MALAY	-	46.42278	0 ft	49	-
FIX	-	-122.76091	0 m		
ONALS	V23	46.63585	0 ft	13	-
FIX	AWY-LO	-122.66425	0 m		
MCKEN	V23	46.86769	0 ft	14	-
FIX	AWY-LO	-122.56262	0 m		
RIMOE	-	46.93109	0 ft	5	-
FIX	-	-122.47516	0 m		
JETEM	-	46.94775	0 ft	1	-
FIX	-	-122.47527	0 m		
SPAAN	-	47.05052	0 ft	6	-
FIX	-	-122.47592	0 m		
GUTBE	-	47.11602	0 ft	3	-
FIX	-	-122.47634	0 m		
KTCM	-	47.14047	0 ft	1	MC CHORD AFB
APT	-	-122.47692	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: 24.294 E

## METAR

NZCH 230400Z AUTO 07009KT 9999 BKN021/// 10/06 Q1011

## TAF

TAF NZCH 230210Z 2303/2406 04010KT 9999 BKN017 BECMG 2309/2311 VRB02KT PROB30 2310/2321 0400 FG BKN010 FM232300 2000

## 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	196.01		123 m
02	GS	ICH	109.90 MHz	10 nm	40.97	3.00	123 ft
				19 km	16.67		123 m
20	GS	IHW	110.30 MHz	10 nm	220.97	3.00	123 ft
				19 km	196.67		123 m

## KTCM

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 2

Elevation: 321 ft / 98 m  
Location: 47.137700 -122.476000  
Magnetic Var: 14.736 E

## METAR

KTCM 230355Z AUTO 18006KT 8SM SCT046 OVC075 13/07 A3005 RMK A02 SLP180 T01270065 \$

## TAF

TAF AMD KTCM 230101Z 2301/2403 VRB06KT 9999 BKN050 BKN100 620609 QNH3000INS BECMG 2307/2308 19009KT 9999 BKN020 O

## Frequencies

GND - 125.15 MHz -  
APP - 126.50 MHz - SEATTLE APP/DEP

TWR - 124.80 MHz -  
REC - 270.10 MHz - ATIS

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	150 ft	10,105 ft	179.76	ASPHALT	0 ft	997 ft
	46 m	3,080 m	165.03		0 m	304 m
34	150 ft	10,105 ft	359.76	ASPHALT	0 ft	1,001 ft
	46 m	3,080 m	345.03		0 m	305 m
17	60 ft	3,336 ft	179.72	ASPHALT	0 ft	0 ft
	18 m	1,017 m	164.98		0 m	0 m
35	60 ft	3,336 ft	359.72	ASPHALT	0 ft	0 ft
	18 m	1,017 m	344.98		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	LOC-ILS	IMAR	109.90 MHz	18 nm	179.76	-	321 ft
				33 km	165.02		321 m
34	LOC-ILS	ITCM	108.50 MHz	18 nm	359.90	-	321 ft
				33 km	345.16		321 m
16	GS	IMAR	109.90 MHz	10 nm	180.76	3.00	321 ft
				19 km	166.02		321 m
34	GS	ITCM	108.50 MHz	10 nm	359.90	3.00	321 ft
				19 km	345.16		321 m