

# PANC

Ted Stevens Anchorage Intl

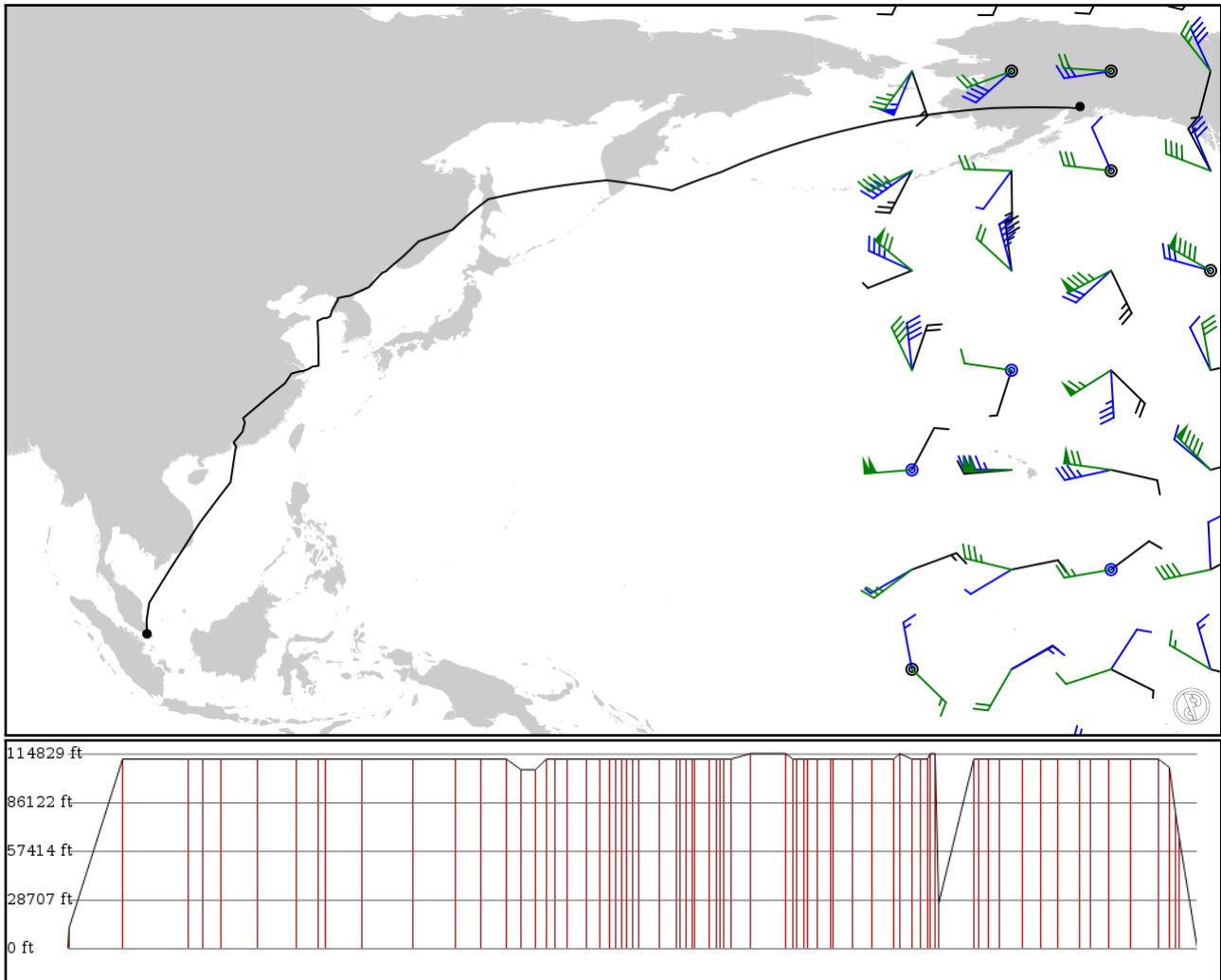
# WSSS

Singapore Changi Intl. Airport

2024/05/29 0125Z

PANC 61N150W M NUZAN UB **B915** LANRI **B916** AKOLA **B233** DE **R810** TD **B356** UHWW **B355** SESUR **R452** GK  
3800N12500E ANSIM **G597** AGAVO **A591** MUDAL **A326** SURAK **G455** EMSAN PINOT **W11** PUD **A593** JTN **A599** KOW  
**G471** SHL **A461** CH **L642** ROBMO WSSS

6203.13 nm / 11488.20 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
- Using PACOT tracks from 9/12/2016

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PANC APT	-	61.17411 -149.99598	0 ft 0 m	-	Ted Stevens Anchorage Intl
61N150W LATLON	-	61.00000 -150.00000	3,700 ft 1,128 m	10	-
61N160W LATLON	M PACOT	61.00000 -160.00000	34,000 ft 10,363 m	290	-
NOLTI FIX	M PACOT	59.53844 -171.89603	34,000 ft 10,363 m	364	-
NAYLD FIX	M PACOT	59.05239 -174.20778	34,000 ft 10,363 m	76	-
NULUK FIX	M PACOT	58.38203 -177.10239	34,000 ft 10,363 m	98	-
NANDY FIX	M PACOT	56.83289 177.34817	34,000 ft 10,363 m	201	-
NATES FIX	M PACOT	54.92769 171.98017	34,000 ft 10,363 m	213	-
NIKLL FIX	M PACOT	53.74642 169.23181	34,000 ft 10,363 m	119	-
NYMPH FIX	M PACOT	53.40878 168.23983	34,000 ft 10,363 m	40	-
NUZAN FIX	M PACOT	51.65764 163.64494	34,000 ft 10,363 m	198	-
UB NDB	-	52.81639 156.26750	34,000 ft 10,363 m	279	UST-BOLSHERETSK NDB
SEGUN FIX	B915 AWY-HI	52.04861 150.00167	34,000 ft 10,363 m	233	-
UNELA FIX	B915 AWY-HI	51.42528 146.37639	34,000 ft 10,363 m	139	-
LANRI FIX	B915 AWY-HI	50.66694 142.76806	34,000 ft 10,363 m	143	-
VALAM FIX	B916 AWY-HI	49.69000 141.50000	32,100 ft 9,784 m	76	-
AKOLA FIX	B916 AWY-HI	48.60028 140.18472	32,100 ft 9,784 m	83	-
OLDAN FIX	B233 AWY-HI	47.76694 139.28944	34,000 ft 10,363 m	61	-
DE NDB	B233 AWY-HI	47.20014 138.70106	34,000 ft 10,363 m	41	YEDINKA NDB
RETLI FIX	R810 AWY-HI	46.68667 137.15167	34,000 ft 10,363 m	70	-
TD NDB	R810 AWY-HI	45.90222 134.88500	34,000 ft 10,363 m	105	ROSHCHINO NDB
LUBOK FIX	B356 AWY-HI	44.91694 133.86778	34,000 ft 10,363 m	73	-
BL NDB	B356 AWY-HI	44.20111 133.12111	34,000 ft 10,363 m	53	CHERNYSHEVKA NDB
DOLMA FIX	B356 AWY-HI	43.80028 132.65111	34,000 ft 10,363 m	31	-
UHWW APT	B356 AWY-HI	43.38392 132.14738	34,000 ft 10,363 m	33	KNEVICH
KESAN FIX	B355 AWY-HI	42.97528 131.67083	34,000 ft 10,363 m	32	-
GAMOV	B355	42.55028	34,000 ft	32	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	131.21750	10,363 m		
SESUR	B355	42.29167	34,000 ft	28	-
FIX	AWY-HI	130.69167	10,363 m		
KICHA	R452	40.68417	34,000 ft	117	-
FIX	AWY-HI	129.19222	10,363 m		
HAMUN	R452	39.92167	34,000 ft	89	-
FIX	AWY-HI	127.51833	10,363 m		
WASAN	R452	39.72833	34,000 ft	23	-
FIX	AWY-HI	127.08389	10,363 m		
GG	R452	39.59667	34,000 ft	35	BUCHA NDB
NDB	AWY-HI	126.34500	10,363 m		
NISOR	R452	39.45333	34,000 ft	32	-
FIX	AWY-HI	125.67833	10,363 m		
GK	R452	39.23402	34,000 ft	13	-
NDB	AWY-HI	125.67260	10,363 m		
3800N12500E	-	38.00000	34,000 ft	80	-
LATLON	-	125.00000	10,363 m		
ANSIM	-	37.38972	34,000 ft	37	-
FIX	-	124.82528	10,363 m		
GONAV	G597	37.18000	34,000 ft	23	-
FIX	AWY-HI	124.41472	10,363 m		
AGAVO	G597	37.16667	34,000 ft	19	-
FIX	AWY-HI	124.00000	10,363 m		
MUDAL	A591	36.85000	34,000 ft	35	-
FIX	AWY-HI	123.36667	10,363 m		
DOPNO	A326	35.00000	35,000 ft	111	-
FIX	AWY-HI	123.45000	10,668 m		
SURAK	A326	31.77333	35,000 ft	193	-
FIX	AWY-HI	123.49167	10,668 m		
EMSAN	G455	31.67833	34,000 ft	37	-
FIX	AWY-HI	122.77500	10,363 m		
PINOT	-	31.45000	34,000 ft	21	-
FIX	-	122.45000	10,363 m		
PUD	W11	31.16833	34,000 ft	38	PUDONG VOR-DME
VOR	AWY-HI	121.78000	10,363 m		
JTN	A593	31.12500	34,000 ft	22	JIUTING VOR-DME
VOR	AWY-HI	121.34000	10,363 m		
SX	A599	30.88333	34,000 ft	49	NANXUN NDB
NDB	AWY-HI	120.41667	10,363 m		
TOL	A599	29.76333	34,000 ft	77	TONGLU VOR-DME
VOR	AWY-HI	119.65833	10,363 m		
ELNEX	A599	29.63167	34,000 ft	11	-
FIX	AWY-HI	119.49000	10,363 m		
SHR	A599	28.41667	34,000 ft	108	SHANGRAO VOR-DME
VOR	AWY-HI	117.96667	10,363 m		
NF	A599	27.21667	34,000 ft	103	NANFENG NDB
NDB	AWY-HI	116.56667	10,363 m		
KOW	A599	25.82167	34,000 ft	122	GANZHOU VOR-DME
VOR	AWY-HI	114.91500	10,363 m		
EGEDA	G471	25.34833	35,000 ft	30	-
FIX	AWY-HI	115.11167	10,668 m		
XEBUL	G471	24.28333	34,000 ft	65	-
FIX	AWY-HI	114.85000	10,363 m		
LMN	G471	23.65000	34,000 ft	47	LONGMEN VOR-DME
VOR	AWY-HI	114.32667	10,363 m		
SHL	G471	23.09000	34,000 ft	42	SHILONG VOR-DME

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
VOR	AWY-HI	113.85333	10,363 m			
IDUMA	A461	22.89500	35,000 ft	12	-	
FIX	AWY-HI	113.95333	10,668 m			
BEKOL	A461	22.54333	35,000 ft	23	-	
FIX	AWY-HI	114.13333	10,668 m			
CH	A461	22.21954	8,000 ft	20		CHEUNG CHAU VOR-DME
VOR	AWY-HI	114.03006	2,438 m			
EPDOS	L642	19.00000	34,000 ft	195	-	
FIX	AWY-HI	113.55500	10,363 m			
ENBOK	L642	18.55667	34,000 ft	26	-	
FIX	AWY-HI	113.49167	10,363 m			
EPKAL	L642	17.85833	34,000 ft	51	-	
FIX	AWY-HI	112.95500	10,363 m			
EGEMU	L642	17.00000	34,000 ft	64	-	
FIX	AWY-HI	112.28333	10,363 m			
EXOTO	L642	15.35833	34,000 ft	121	-	
FIX	AWY-HI	111.05000	10,363 m			
VEPAM	L642	13.96667	34,000 ft	103	-	
FIX	AWY-HI	110.00000	10,363 m			
KARAN	L642	12.64889	34,000 ft	93	-	
FIX	AWY-HI	109.15667	10,363 m			
PHT	L642	10.92778	34,000 ft	121		PHANTHET VOR-DME
VOR	AWY-HI	108.07028	10,363 m			
ELSAS	L642	10.13667	34,000 ft	56	-	
FIX	AWY-HI	107.54833	10,363 m			
CS	L642	8.72972	34,000 ft	100		CONSON NDB
NDB	AWY-HI	106.63194	10,363 m			
ESPOB	L642	7.00000	34,000 ft	122	-	
FIX	AWY-HI	105.55500	10,363 m			
ENREP	L642	4.87306	34,000 ft	149	-	
FIX	AWY-HI	104.24500	10,363 m			
VEPLI	L642	3.87306	32,500 ft	60	-	
FIX	AWY-HI	104.09500	9,906 m			
EGOLO	L642	3.32667	24,400 ft	33	-	
FIX	AWY-HI	104.01333	7,437 m			
ROBMO	L642	2.91111	20,000 ft	25	-	
FIX	AWY-HI	103.95000	6,096 m			
WSSS	-	1.35192	0 ft	93		Singapore Changi Intl. Airport
APT	-	103.99560	0 m			

## PANC

Region: USA (ALASKA)

Timezone: AMERICA/ANCHORAGE

Runways: 3

Elevation: 151 ft / 46 m

Location: 61.174300 -149.998000

Magnetic Var: 14.007 E

## METAR

PANC 290053Z 35005KT 10SM BKN055 14/06 A2986

## TAF

PANC 282323Z 2900/3006 24007KT P6SM BKN050 FM290800 17012G22KT P6SM -RA FEW025 OVC040 FM291500 16008KT P6SM VCSH

## Frequencies

REC - 135.50 MHz - D-ATIS

GND - 121.90 MHz - ANCHORAGE GROUND

CLD - 119.40 MHz - CLEARANCE DELIVERY

APP - 118.60 MHz - ANCHORAGE APPROACH

APP - 123.80 MHz - ANCHORAGE APPROACH

DEP - 118.60 MHz - ANCHORAGE DEPARTURE

DEP - 123.80 MHz - ANCHORAGE DEPARTURE

COM - 122.95 MHz - UNICOM

TWR - 118.30 MHz - ANCHORAGE TOWER

CLD - 128.65 MHz - CLEARANCE DELIVERY

APP - 119.10 MHz - ANCHORAGE APPROACH

APP - 126.40 MHz - ANCHORAGE APPROACH

DEP - 119.10 MHz - ANCHORAGE DEPARTURE

DEP - 126.40 MHz - ANCHORAGE DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	12,357 ft	89.84	ASPHALT	0 ft	0 ft
	61 m	3,767 m	75.83		0 m	0 m
25L	200 ft	12,357 ft	269.90	ASPHALT	0 ft	194 ft
	61 m	3,767 m	255.89		0 m	59 m
07L	150 ft	10,566 ft	89.88	ASPHALT	0 ft	387 ft
	46 m	3,221 m	75.87		0 m	118 m
25R	150 ft	10,566 ft	269.93	ASPHALT	0 ft	387 ft
	46 m	3,221 m	255.92		0 m	118 m
15	200 ft	10,847 ft	164.89	ASPHALT	0 ft	397 ft
	61 m	3,306 m	150.88		0 m	121 m
33	200 ft	10,847 ft	344.90	ASPHALT	463 ft	236 ft
	61 m	3,306 m	330.90		141 m	72 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	ITGN	109.90 MHz	18 nm	-	-	152 ft
				33 km	-		152 m
07R	DME	IANC	111.30 MHz	18 nm	-	-	152 ft
				33 km	-		152 m
15	DME	IBSC	111.75 MHz	18 nm	-	-	152 ft
				33 km	-		152 m
07L	LOC-ILS	ITGN	109.90 MHz	18 nm	89.90	-	151 ft
				33 km	75.89		151 m
07R	LOC-ILS	IANC	111.30 MHz	18 nm	89.87	-	151 ft
				33 km	75.86		151 m
15	LOC-ILS	IBSC	111.75 MHz	18 nm	164.90	-	151 ft
				33 km	150.89		151 m
07L	GS	ITGN	109.90 MHz	10 nm	89.90	3.00	151 ft
				19 km	75.89		151 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	IANC	111.30 MHz	10 nm	89.87	3.00	151 ft
				19 km	75.86		151 m
15	GS	IBSC	111.75 MHz	10 nm	164.90	3.00	151 ft
				19 km	150.89		151 m

## WSSS

Region: SINGAPORE

Timezone: ASIA/SINGAPORE

Runways: 2

Elevation: 20 ft / 6 m

Location: 1.355510 103.988000

Magnetic Var: 0.198 E

## METAR

WSSS 290100Z 14006KT 120V180 9999 FEW018 BKN300 31/27 Q1009 NOSIG

## TAF

TAF WSSS 282300Z 2900/3006 16009KT 9999 FEW015 SCT020 TEMPO 2906/2909 3000 TSRA FEW012CB BKN015

## Frequencies

DEP - 123.70 MHz - SINGAPORE RADAR	DEP - 127.30 MHz - SINGAPORE RADAR
DEP - 133.80 MHz - SINGAPORE RADAR	DEP - 133.25 MHz - SINGAPORE RADAR
DEP - 135.80 MHz - SINGAPORE RADAR	DEP - 134.20 MHz - SINGAPORE RADAR
DEP - 133.35 MHz - SINGAPORE RADAR	DEP - 134.40 MHz - SINGAPORE RADAR
DEP - 128.10 MHz - SINGAPORE RADAR	DEP - 255.40 MHz - SINGAPORE RADAR
DEP - 124.05 MHz - SINGAPORE RADAR	APP - 120.30 MHz - SINGAPORE APPROACH
APP - 124.60 MHz - SINGAPORE APPROACH	APP - 119.30 MHz - SINGAPORE ARRIVAL
TWR - 118.60 MHz - SINGAPORE TOWER	TWR - 118.25 MHz - SINGAPORE TOWER
GND - 124.30 MHz - SINGAPORE GROUND	GND - 121.72 MHz - SINGAPORE GROUND
GND - 121.85 MHz - SINGAPORE GROUND	GND - 121.00 MHz - SINGAPORE GROUND EMERGENCY
GND - 122.55 MHz - SINGAPORE GROUND	CLD - 121.65 MHz - SINGAPORE DELIVERY
CLD - 119.60 MHz - SINGAPORE DELIVERY	REC - 128.60 MHz -
REC - 128.02 MHz -	CHANGI AIRPORT INFORMATION (D-ATIS)
CHANGI AIRPORT ARRIVAL INFORMATION	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20R	197 ft	13,187 ft	202.88	ASPHALT	2,428 ft	390 ft
	60 m	4,020 m	202.68		740 m	119 m
02C	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20C	197 ft	13,187 ft	202.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	202.68		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02C	DME	ICE	108.30 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
02L	DME	ICW	110.90 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
20C	DME	ICC	109.70 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
20R	DME	ICH	108.90 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
02C	LOC-ILS	ICE	108.30 MHz	18 nm	22.88	-	20 ft
				33 km	22.68		20 m
02L	LOC-ILS	ICW	110.90 MHz	18 nm	22.88	-	20 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	22.68		20 m
20C	LOC-ILS	ICC	109.70 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
20R	LOC-ILS	ICH	108.90 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
02C	GS	ICE	108.30 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
02L	GS	ICW	110.90 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
20C	GS	ICC	109.70 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m
20R	GS	ICH	108.90 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m