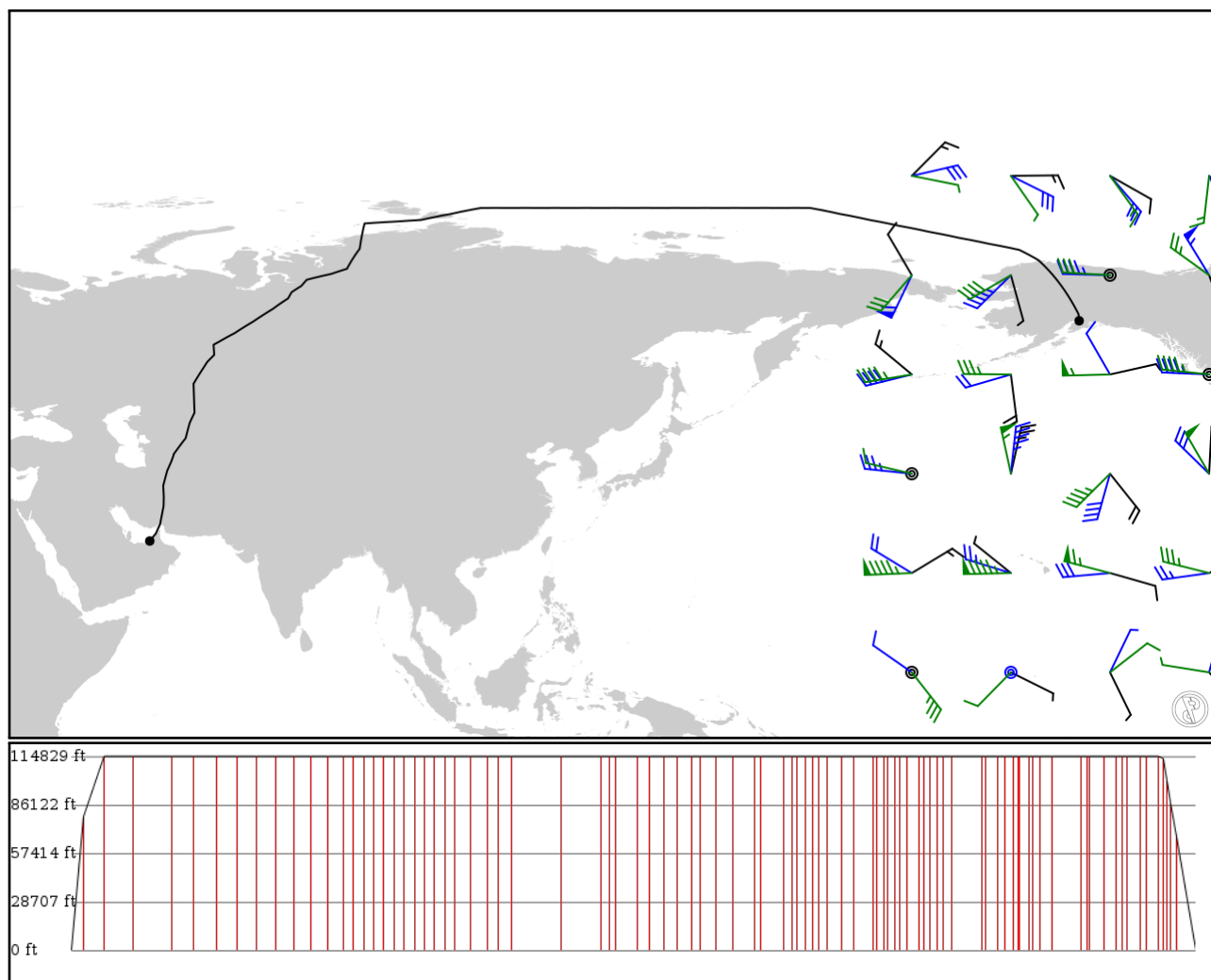


2024/06/06 0154Z

PANC TKA **T242** BRW VIR 7300N16000W 7400N16500W 7500N17000W 7600N17500W 7700N18000W 7800N17500E  
7900N17000E 8000N16500E 8000N16000E 8000N15500E 8000N15000E 8000N14500E 8000N14000E 8000N13500E  
8000N13000E 8000N12500E 8000N12000E 8000N11500E 8000N11000E 7900N10500E 7800N10000E BINTA NOTIS  
**G490** SIVDI BI01 6900N08500E TANAM 6700N08000E URENA **R200** USRO **R202** KANAL KANAL **R202** SD **G56** USTR  
**A299** AKALI **W83** URG **A370** DARVA **B143B** BODBA PODOK **B434** ASB **A240** RIKOP **A419** MAXMO OMAA

5762.58 nm / 10672.30 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
PANC APT	-	61.17411 -149.99598	0 ft 0 m	-	Ted Stevens Anchorage Intl
TKA VOR	-	62.29867 -150.10558	24,100 ft 7,346 m	67	TALKEETNA VOR-DME
JOKAP FIX	T242 AWY-LO	63.91291 -150.97479	35,000 ft 10,668 m	99	-
KUTDE FIX	T242 AWY-LO	66.32227 -152.48358	35,000 ft 10,668 m	149	-
LACIL FIX	T242 AWY-LO	69.50498 -155.00948	35,000 ft 10,668 m	199	-
BRW VOR	T242 AWY-LO	71.27342 -156.78811	35,000 ft 10,668 m	112	BARROW VOR-DME
VIR NDB	-	71.28231 -156.78128	35,000 ft 10,668 m	0	BROWERVILLE NDB
7300N16000W LATLON	-	73.00000 -160.00000	35,000 ft 10,668 m	118	-
7400N16500W LATLON	-	74.00000 -165.00000	35,000 ft 10,668 m	104	-
7500N17000W LATLON	-	75.00000 -170.00000	35,000 ft 10,668 m	100	-
7600N17500W LATLON	-	76.00000 -175.00000	35,000 ft 10,668 m	96	-
7700N18000W LATLON	-	77.00000 -180.00000	35,000 ft 10,668 m	92	-
7800N17500E LATLON	-	78.00000 175.00000	35,000 ft 10,668 m	88	-
7900N17000E LATLON	-	79.00000 170.00000	35,000 ft 10,668 m	84	-
8000N16500E LATLON	-	80.00000 165.00000	35,000 ft 10,668 m	81	-
8000N16000E LATLON	-	80.00000 160.00000	35,000 ft 10,668 m	52	-
8000N15500E LATLON	-	80.00000 155.00000	35,000 ft 10,668 m	52	-
8000N15000E LATLON	-	80.00000 150.00000	35,000 ft 10,668 m	52	-
8000N14500E LATLON	-	80.00000 145.00000	35,000 ft 10,668 m	52	-
8000N14000E LATLON	-	80.00000 140.00000	35,000 ft 10,668 m	52	-
8000N13500E LATLON	-	80.00000 135.00000	35,000 ft 10,668 m	52	-
8000N13000E LATLON	-	80.00000 130.00000	35,000 ft 10,668 m	52	-
8000N12500E LATLON	-	80.00000 125.00000	35,000 ft 10,668 m	52	-
8000N12000E LATLON	-	80.00000 120.00000	35,000 ft 10,668 m	52	-
8000N11500E LATLON	-	80.00000 115.00000	35,000 ft 10,668 m	52	-
8000N11000E LATLON	-	80.00000 110.00000	35,000 ft 10,668 m	52	-
7900N10500E	-	79.00000	35,000 ft	81	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	105.00000	10,668 m		
7800N10000E	-	78.00000	35,000 ft	84	-
LATLON	-	100.00000	10,668 m		
BINTA	-	77.74500	35,000 ft	52	-
FIX	-	95.98333	10,668 m		
NOTIS	-	77.41250	35,000 ft	72	-
FIX	-	90.55694	10,668 m		
ULMOK	G490	73.20083	35,000 ft	253	-
FIX	AWY-LO	89.74889	10,668 m		
SIVDI	G490	69.85250	35,000 ft	205	-
FIX	AWY-LO	87.61417	10,668 m		
BI01	-	69.41667	35,000 ft	38	-
APT	-	86.23333	10,668 m		
6900N08500E	-	69.00000	35,000 ft	36	-
LATLON	-	85.00000	10,668 m		
TANAM	-	68.02750	35,000 ft	107	-
FIX	-	80.90194	10,668 m		
6700N08000E	-	67.00000	35,000 ft	65	-
LATLON	-	80.00000	10,668 m		
URENA	-	65.95056	35,000 ft	74	-
FIX	-	78.36528	10,668 m		
TARSA	R200	64.91722	35,000 ft	63	-
FIX	AWY-LO	77.78194	10,668 m		
RULIK	R200	63.85056	35,000 ft	76	-
FIX	AWY-LO	76.18194	10,668 m		
USRO	R200	63.18333	35,000 ft	46	-
APT	AWY-LO	75.27000	10,668 m		
KANAL	R202	62.15000	35,000 ft	77	-
FIX	AWY-LO	73.61667	10,668 m		
KANAL	-	62.15056	35,000 ft	0	-
FIX	-	73.61528	10,668 m		
KANER	R202	61.00056	35,000 ft	85	-
FIX	AWY-LO	71.86528	10,668 m		
TAKIS	R202	59.56389	35,000 ft	110	-
FIX	AWY-LO	69.52528	10,668 m		
UVATA	R202	59.15056	35,000 ft	31	-
FIX	AWY-LO	68.89861	10,668 m		
SD	R202	57.66667	35,000 ft	123	NIZHNAYA TAVDA NDB
NDB	AWY-LO	66.20000	10,668 m		
USTR	G56	57.18042	35,000 ft	40	Roschino
APT	AWY-LO	65.31468	10,668 m		
KEGIR	A299	56.77528	35,000 ft	24	-
FIX	AWY-LO	65.34028	10,668 m		
BAGER	A299	56.01306	35,000 ft	45	-
FIX	AWY-LO	65.39528	10,668 m		
USUU	A299	55.47500	35,000 ft	32	-
APT	AWY-LO	65.41667	10,668 m		
DONUS	A299	54.99694	35,000 ft	33	-
FIX	AWY-LO	64.93361	10,668 m		
NELTI	A299	54.32833	35,000 ft	46	-
FIX	AWY-LO	64.27500	10,668 m		
UAUU	A299	53.20667	35,000 ft	72	KOSTANAY
APT	AWY-LO	63.55083	10,668 m		
DOPAN	A299	52.20361	35,000 ft	64	-
FIX	AWY-LO	62.90028	10,668 m		
RAVNI	A299	50.67500	35,000 ft	98	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	61.96861	10,668 m		
NILDO	A299	50.39000	35,000 ft	17	-
FIX	AWY-LO	61.97889	10,668 m		
OGIBA	A299	49.81417	35,000 ft	34	-
FIX	AWY-LO	61.99917	10,668 m		
ERUNA	A299	49.50639	35,000 ft	18	-
FIX	AWY-LO	62.01000	10,668 m		
ADODI	A299	48.84000	35,000 ft	40	-
FIX	AWY-LO	62.03278	10,668 m		
OKABA	A299	48.47639	35,000 ft	21	-
FIX	AWY-LO	62.04500	10,668 m		
BALPI	A299	47.86139	35,000 ft	36	-
FIX	AWY-LO	62.06500	10,668 m		
UNEDO	A299	46.73667	35,000 ft	67	-
FIX	AWY-LO	62.10083	10,668 m		
RESBA	A299	46.33778	35,000 ft	23	-
FIX	AWY-LO	62.11306	10,668 m		
NKZ	A299	45.83083	35,000 ft	30	NOVOKAZALINSK VOR-DME
VOR	AWY-LO	62.12861	10,668 m		
OLINA	A299	45.27917	35,000 ft	34	-
FIX	AWY-LO	61.86111	10,668 m		
RIKTO	A299	44.75111	35,000 ft	33	-
FIX	AWY-LO	61.61056	10,668 m		
AKALI	A299	44.14139	35,000 ft	38	-
FIX	AWY-LO	61.32694	10,668 m		
URG	W83	41.58333	35,000 ft	156	URGENCH VOR-DME
VOR	AWY-LO	60.65000	10,668 m		
DARVA	A370	41.30667	35,000 ft	19	-
FIX	AWY-LO	60.42833	10,668 m		
DLONA	B143B	40.41500	35,000 ft	61	-
FIX	AWY-LO	59.74833	10,668 m		
LITOR	B143B	39.90167	35,000 ft	35	-
FIX	AWY-LO	59.36667	10,668 m		
MOLAD	B143B	39.27167	35,000 ft	43	-
FIX	AWY-LO	58.90500	10,668 m		
BODBA	B143B	38.88667	35,000 ft	26	-
FIX	AWY-LO	58.62833	10,668 m		
PODOK	-	38.75333	35,000 ft	8	-
FIX	-	58.64167	10,668 m		
ASB	B434	37.98500	35,000 ft	48	ASHGABAT VOR-DME
VOR	AWY-LO	58.35167	10,668 m		
RIKOP	A240	37.67389	35,000 ft	19	-
FIX	AWY-LO	58.24722	10,668 m		
SILPO	A419	37.12611	35,000 ft	34	-
FIX	AWY-LO	57.99778	10,668 m		
SBZ	A419	36.16983	35,000 ft	61	SABZEVAR VOR-DME
VOR	AWY-LO	57.57097	10,668 m		
TBS	A419	33.66400	35,000 ft	154	TABAS NDB-DME
NDB	AWY-LO	56.89964	10,668 m		
GEVOR	A419	33.23750	35,000 ft	25	-
FIX	AWY-LO	56.92139	10,668 m		
SIMDU	A419	32.94667	35,000 ft	17	-
FIX	AWY-LO	56.93639	10,668 m		
DAR	A419	31.78317	35,000 ft	69	DARBAND VOR-DME
VOR	AWY-LO	56.99456	10,668 m		
ALGUV	A419	30.75194	35,000 ft	61	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	56.97194	10,668 m		
KER	A419	30.25211	35,000 ft	30	KERMAN VOR-DME
VOR	AWY-LO	56.96119	10,668 m		
ALMEK	A419	29.75944	35,000 ft	30	-
FIX	AWY-LO	56.86306	10,668 m		
NANTO	A419	28.68806	35,000 ft	65	-
FIX	AWY-LO	56.65778	10,668 m		
TAVNO	A419	28.18306	35,000 ft	30	-
FIX	AWY-LO	56.55472	10,668 m		
BND	A419	27.19706	35,000 ft	60	BANDAR ABBASS VOR-DME
VOR	AWY-LO	56.36678	10,668 m		
MOBET	A419	26.73500	34,600 ft	30	-
FIX	AWY-LO	56.15222	10,546 m		
LOXAM	A419	26.45722	30,700 ft	18	-
FIX	AWY-LO	56.02389	9,357 m		
DARAX	A419	26.16167	26,600 ft	19	-
FIX	AWY-LO	55.88333	8,108 m		
MAXMO	A419	25.71889	20,500 ft	28	-
FIX	AWY-LO	55.68944	6,248 m		
OMAA	-	24.43305	0 ft	95	ABU DHABI INTL
APT	-	54.65118	0 m		

## PANC

Region: USA (ALASKA)

Timezone: AMERICA/ANCHORAGE

Runways: 3

Elevation: 151 ft / 46 m

Location: 61.174300 -149.998000

Magnetic Var: 14.000 E

## METAR

PANC 060053Z 15015G28KT 10SM BKN055 OVC070 11/06 A2961

## TAF

PANC 052328Z 0600/0706 14015G25KT P6SM -RA SCT040 OVC060 FM060800 17010KT P6SM VCSH SCT045 OVC070 FM061200 17005K

## 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	75.84		0 m	0 m
25L	200 ft	12,357 ft	269.90	ASPHALT	0 ft	194 ft
	61 m	3,767 m	255.90		0 m	59 m
07L	150 ft	10,566 ft	89.88	ASPHALT	0 ft	387 ft
	46 m	3,221 m	75.88		0 m	118 m
25R	150 ft	10,566 ft	269.93	ASPHALT	0 ft	387 ft
	46 m	3,221 m	255.93		0 m	118 m
15	200 ft	10,847 ft	164.89	ASPHALT	0 ft	397 ft
	61 m	3,306 m	150.89		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	75.90		151 m
07R	LOC-ILS	IANC	111.30 MHz	18 nm	89.87	-	151 ft
				33 km	75.87		151 m
15	LOC-ILS	IBSC	111.75 MHz	18 nm	164.90	-	151 ft
				33 km	150.90		151 m
07L	GS	ITGN	109.90 MHz	10 nm	89.90	3.00	151 ft
				19 km	75.90		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	75.87		151 m
15	GS	IBSC	111.75 MHz	10 nm	164.90	3.00	151 ft
				19 km	150.90		151 m



## OMAA

Region: UNITED ARAB EMIRATES  
Timezone: ASIA/DUBAI  
Runways: 2

Elevation: 83 ft / 25 m  
Location: 24.443400 54.652700  
Magnetic Var: 2.284 E

## METAR

OMAA 060100Z 15004KT CAVOK 28/18 Q1002 NOSIG

## TAF

TAF TAF OMAA 052300Z 0600/0706 16008KT 8000 NSC BECMG 0608/0610 32012KT BECMG 0616/0618 VRB02KT

## Frequencies

APP - 124.40 MHz -	APP - 124.62 MHz -
ABU DHABI RADAR CENTRAL PRIMARY	ABU DHABI RADAR CENTRAL SECONDARY
APP - 128.10 MHz - ABU DHABI RADAR WEST PRIMARY	APP - 124.65 MHz - ABU DHABI RADAR WEST SECONDARY
APP - 135.15 MHz - ABU DHABI RADAR NORTH PRIMARY	APP - 135.35 MHz -
APP - 118.42 MHz -	ABU DHABI RADAR NORTH SECONDARY
ABU DHABI DIRECTOR NORTH PRIMARY	APP - 121.15 MHz -
APP - 118.00 MHz -	ABU DHABI DIRECTOR NORTH SECONDARY
ABU DHABI DIRECTOR SOUTH PRIMARY	APP - 121.15 MHz -
APP - 133.55 MHz - ABU DHABI RADAR EAST PRIMARY	ABU DHABI DIRECTOR SOUTH SECONDARY
APP - 135.35 MHz - ABU DHABI RADAR EAST SECONDARY	APP - 132.67 MHz - ABU DHABI RADAR EAST PRIMARY
REC - 124.62 MHz -	REC - 127.50 MHz - ABU DHABI INFORMATION PRIMARY
ABU DHABI INFORMATION SECONDARY	TWR - 119.20 MHz - ABU DHABI TOWER SOUTH PRIMARY
TWR - 120.42 MHz -	TWR - 118.67 MHz - ABU DHABI TOWER NORTH PRIMARY
ABU DHABI TOWER SOUTH SECONDARY	GND - 121.95 MHz - ABU DHABI GROUND NORTH
GND - 123.97 MHz - ABU DHABI GROUND SOUTH	CLD - 125.10 MHz - ABU DHABI DELIVERY
GND - 119.42 MHz - ABU DHABI GROUND SECONDARY	REC - 119.67 MHz - ABU DHABI ATIS (DEP)
REC - 119.97 MHz - ABU DHABI ATIS (ARR)	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	197 ft	13,478 ft	127.99	ASPHALT	0 ft	394 ft
	60 m	4,108 m	125.71		0 m	120 m
31L	197 ft	13,478 ft	308.01	ASPHALT	0 ft	397 ft
	60 m	4,108 m	305.72		0 m	121 m
13L	197 ft	13,460 ft	127.99	ASPHALT	0 ft	397 ft
	60 m	4,103 m	125.71		0 m	121 m
31R	197 ft	13,460 ft	308.01	ASPHALT	0 ft	387 ft
	60 m	4,103 m	305.72		0 m	118 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IAE	108.90 MHz	18 nm	-	-	98 ft
				33 km	-		98 m
31R	DME	IAW	109.30 MHz	18 nm	-	-	96 ft
				33 km	-		96 m
13R	DME	IAE	108.90 MHz	18 nm	-	-	98 ft
				33 km	-		98 m
31L	DME	IAW	109.30 MHz	18 nm	-	-	96 ft
				33 km	-		96 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	LOC-ILS	IAS	110.30 MHz	18 nm	128.00	-	83 ft
				33 km	125.72		83 m
13R	LOC-ILS	IAE	109.15 MHz	18 nm	128.00	-	83 ft
				33 km	125.72		83 m
31L	LOC-ILS	IAW	109.30 MHz	18 nm	308.00	-	83 ft
				33 km	305.72		83 m
31R	LOC-ILS	IAN	108.75 MHz	18 nm	308.00	-	83 ft
				33 km	305.72		83 m
13L	GS	IAS	110.30 MHz	10 nm	128.00	3.00	83 ft
				19 km	125.72		83 m
13R	GS	IAE	109.15 MHz	10 nm	128.00	3.00	83 ft
				19 km	125.72		83 m
31L	GS	IAW	109.30 MHz	10 nm	308.00	3.00	83 ft
				19 km	305.72		83 m
31R	GS	IAN	108.75 MHz	10 nm	308.00	3.00	83 ft
				19 km	305.72		83 m