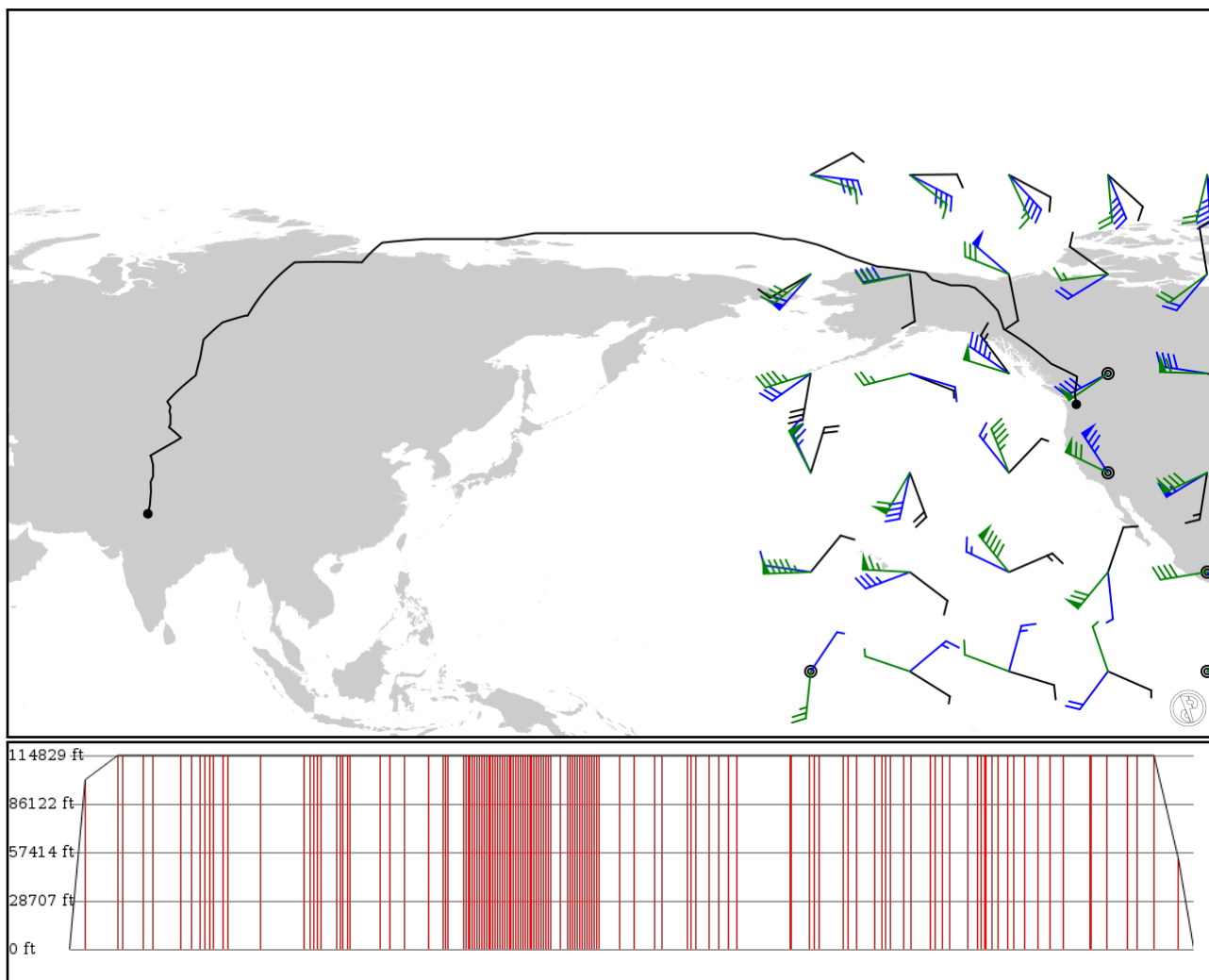


2024/05/17 2153Z

KSEA COGLE **T629** YWL **J569** YYD **NCA34** IRGIP PJ **BR7** YOC POTAT 6800N-14200W 6800N-14300W 6800N-14400W
RIGGS **V438** SCC **J507** BRW 7200N-15900W 7300N-16200W 7500N-16700W 7600N-17100W 7600N-17200W
7600N-17300W 7700N18200E 7700N18100E 7700N18000E 7700N17900E 7700N17800E 7700N17700E 7700N17600E
7700N17500E 7700N17400E 7700N17300E 7700N17200E 7700N17100E DILSA 7700N17000E 7700N16900E
7700N16800E 7700N16700E 7700N16600E 7700N16500E 7700N16400E 7700N16300E 7700N16200E 7700N16100E
7700N16000E 7700N15900E 7700N15800E 7700N15700E 7700N15600E 7700N15500E 7700N15400E 7700N15300E
7700N15200E 7700N15100E 7700N15000E 7700N14900E 7700N14800E 7700N14700E 7700N14600E 7700N14500E
7700N14400E MABEM 7600N13800E 7600N13700E 7600N13600E 7600N13500E 7600N13400E 7600N13300E
7600N13200E 7600N13100E 7600N13000E 7600N12900E 7600N12800E 7600N12700E 7600N12600E 7600N12500E
BAKUN **G112** SALAK **B954** HTG **G809** RAGAN GITUR **R27** CE **G489** KESED **A309** KUDEB **B156** AGZ **W313** GALSU OGADO
4500N08100E 4400N08100E RULAD **A460** XKC **B215** MAGIV PUBOD 3700N07800E 3500N07800E LLH **W39** SP VIDP

6658.91 nm / 12332.30 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft

- Cruise Speed: 480kts
- 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
KSEA	-	47.45020	0 ft	-	Seattle-Tacoma Intl
APT	-	-122.31200	0 m		
COGLE	-	49.07580	30,600 ft	98	-
FIX	-	-122.56400	9,327 m		
YWL	T629	52.23710	35,000 ft	190	WILLIAMS LAKE
VOR	AWY-LO	-122.16900	10,668 m		
CASSL	J569	52.54290	35,000 ft	28	-
FIX	AWY-HI	-122.74900	10,668 m		
NAAPP	J569	53.88830	35,000 ft	126	-
FIX	AWY-HI	-125.44000	10,668 m		
YYD	J569	54.45230	35,000 ft	54	HOUSTON (SMITHERS)
VOR	AWY-HI	-126.65100	10,668 m		
DUXAR	NCA34	56.77130	35,000 ft	168	-
FIX	AWY-HI	-129.42800	10,668 m		
MUXAT	NCA34	57.64040	35,000 ft	64	-
FIX	AWY-HI	-130.58100	10,668 m		
MITOM	NCA34	58.32080	35,000 ft	50	-
FIX	AWY-HI	-131.53400	10,668 m		
BOTAD	NCA34	58.63660	35,000 ft	23	-
FIX	AWY-HI	-131.99300	10,668 m		
AXUBI	NCA34	59.07240	35,000 ft	33	-
FIX	AWY-HI	-132.64300	10,668 m		
GOROV	NCA34	59.30590	35,000 ft	17	-
FIX	AWY-HI	-133.00100	10,668 m		
IRGIP	NCA34	60.04420	35,000 ft	56	-
FIX	AWY-HI	-134.17500	10,668 m		
PJ	-	60.43950	35,000 ft	31	ROBINSON (WHITEHORSE)
NDB	-	-134.86100	10,668 m		
MA	BR7	63.62780	35,000 ft	193	MAYO
NDB	AWY-LO	-135.89500	10,668 m		
YOC	BR7	67.57140	35,000 ft	256	OLD CROW
NDB	AWY-LO	-139.84500	10,668 m		
POTAT	-	67.93440	35,000 ft	34	-
FIX	-	-141.00000	10,668 m		
6800N-14200W	-	68.00000	35,000 ft	22	-
LATLON	-	-142.00000	10,668 m		
6800N-14300W	-	68.00000	35,000 ft	22	-
LATLON	-	-143.00000	10,668 m		
6800N-14400W	-	68.00000	35,000 ft	22	-
LATLON	-	-144.00000	10,668 m		
RIGGS	-	68.94040	35,000 ft	90	-
FIX	-	-147.20300	10,668 m		
OILEE	V438	69.25590	35,000 ft	19	-
FIX	AWY-LO	-147.49300	10,668 m		
WIMAN	V438	69.49220	35,000 ft	14	-
FIX	AWY-LO	-147.71600	10,668 m		
UVALL	V438	69.94820	35,000 ft	28	-
FIX	AWY-LO	-148.16200	10,668 m		
SCC	V438	70.19920	35,000 ft	15	DEADHORSE
VOR	AWY-LO	-148.41600	10,668 m		
BRW	J507	71.27340	35,000 ft	177	BARROW
VOR	AWY-HI	-156.78800	10,668 m		
7200N-15900W	-	72.00000	35,000 ft	60	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-159.00000	10,668 m		
7300N-16200W	-	73.00000	35,000 ft	80	-
LATLON	-	-162.00000	10,668 m		
7500N-16700W	-	75.00000	35,000 ft	145	-
LATLON	-	-167.00000	10,668 m		
7600N-17100W	-	76.00000	35,000 ft	84	-
LATLON	-	-171.00000	10,668 m		
7600N-17200W	-	76.00000	35,000 ft	14	-
LATLON	-	-172.00000	10,668 m		
7600N-17300W	-	76.00000	35,000 ft	14	-
LATLON	-	-173.00000	10,668 m		
7700N18200E	-	77.00000	35,000 ft	92	-
LATLON	-	-178.00000	10,668 m		
7700N18100E	-	77.00000	35,000 ft	13	-
LATLON	-	-179.00000	10,668 m		
7700N18000E	-	77.00000	35,000 ft	13	-
LATLON	-	-180.00000	10,668 m		
7700N17900E	-	77.00000	35,000 ft	13	-
LATLON	-	179.00000	10,668 m		
7700N17800E	-	77.00000	35,000 ft	13	-
LATLON	-	178.00000	10,668 m		
7700N17700E	-	77.00000	35,000 ft	13	-
LATLON	-	177.00000	10,668 m		
7700N17600E	-	77.00000	35,000 ft	13	-
LATLON	-	176.00000	10,668 m		
7700N17500E	-	77.00000	35,000 ft	13	-
LATLON	-	175.00000	10,668 m		
7700N17400E	-	77.00000	35,000 ft	13	-
LATLON	-	174.00000	10,668 m		
7700N17300E	-	77.00000	35,000 ft	13	-
LATLON	-	173.00000	10,668 m		
7700N17200E	-	77.00000	35,000 ft	13	-
LATLON	-	172.00000	10,668 m		
7700N17100E	-	77.00000	35,000 ft	13	-
LATLON	-	171.00000	10,668 m		
DILSA	-	77.00030	35,000 ft	13	-
FIX	-	170.00500	10,668 m		
7700N17000E	-	77.00000	35,000 ft	0	-
LATLON	-	170.00000	10,668 m		
7700N16900E	-	77.00000	35,000 ft	13	-
LATLON	-	169.00000	10,668 m		
7700N16800E	-	77.00000	35,000 ft	13	-
LATLON	-	168.00000	10,668 m		
7700N16700E	-	77.00000	35,000 ft	13	-
LATLON	-	167.00000	10,668 m		
7700N16600E	-	77.00000	35,000 ft	13	-
LATLON	-	166.00000	10,668 m		
7700N16500E	-	77.00000	35,000 ft	13	-
LATLON	-	165.00000	10,668 m		
7700N16400E	-	77.00000	35,000 ft	13	-
LATLON	-	164.00000	10,668 m		
7700N16300E	-	77.00000	35,000 ft	13	-
LATLON	-	163.00000	10,668 m		
7700N16200E	-	77.00000	35,000 ft	13	-
LATLON	-	162.00000	10,668 m		
7700N16100E	-	77.00000	35,000 ft	13	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	161.00000	10,668 m		
7700N16000E	-	77.00000	35,000 ft	13	-
LATLON	-	160.00000	10,668 m		
7700N15900E	-	77.00000	35,000 ft	13	-
LATLON	-	159.00000	10,668 m		
7700N15800E	-	77.00000	35,000 ft	13	-
LATLON	-	158.00000	10,668 m		
7700N15700E	-	77.00000	35,000 ft	13	-
LATLON	-	157.00000	10,668 m		
7700N15600E	-	77.00000	35,000 ft	13	-
LATLON	-	156.00000	10,668 m		
7700N15500E	-	77.00000	35,000 ft	13	-
LATLON	-	155.00000	10,668 m		
7700N15400E	-	77.00000	35,000 ft	13	-
LATLON	-	154.00000	10,668 m		
7700N15300E	-	77.00000	35,000 ft	13	-
LATLON	-	153.00000	10,668 m		
7700N15200E	-	77.00000	35,000 ft	13	-
LATLON	-	152.00000	10,668 m		
7700N15100E	-	77.00000	35,000 ft	13	-
LATLON	-	151.00000	10,668 m		
7700N15000E	-	77.00000	35,000 ft	13	-
LATLON	-	150.00000	10,668 m		
7700N14900E	-	77.00000	35,000 ft	13	-
LATLON	-	149.00000	10,668 m		
7700N14800E	-	77.00000	35,000 ft	13	-
LATLON	-	148.00000	10,668 m		
7700N14700E	-	77.00000	35,000 ft	13	-
LATLON	-	147.00000	10,668 m		
7700N14600E	-	77.00000	35,000 ft	13	-
LATLON	-	146.00000	10,668 m		
7700N14500E	-	77.00000	35,000 ft	13	-
LATLON	-	145.00000	10,668 m		
7700N14400E	-	77.00000	35,000 ft	13	-
LATLON	-	144.00000	10,668 m		
MABEM	-	76.37250	35,000 ft	61	-
FIX	-	140.51800	10,668 m		
7600N13800E	-	76.00000	35,000 ft	42	-
LATLON	-	138.00000	10,668 m		
7600N13700E	-	76.00000	35,000 ft	14	-
LATLON	-	137.00000	10,668 m		
7600N13600E	-	76.00000	35,000 ft	14	-
LATLON	-	136.00000	10,668 m		
7600N13500E	-	76.00000	35,000 ft	14	-
LATLON	-	135.00000	10,668 m		
7600N13400E	-	76.00000	35,000 ft	14	-
LATLON	-	134.00000	10,668 m		
7600N13300E	-	76.00000	35,000 ft	14	-
LATLON	-	133.00000	10,668 m		
7600N13200E	-	76.00000	35,000 ft	14	-
LATLON	-	132.00000	10,668 m		
7600N13100E	-	76.00000	35,000 ft	14	-
LATLON	-	131.00000	10,668 m		
7600N13000E	-	76.00000	35,000 ft	14	-
LATLON	-	130.00000	10,668 m		
7600N12900E	-	76.00000	35,000 ft	14	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	129.00000	10,668 m		
7600N12800E	-	76.00000	35,000 ft	14	-
LATLON	-	128.00000	10,668 m		
7600N12700E	-	76.00000	35,000 ft	14	-
LATLON	-	127.00000	10,668 m		
7600N12600E	-	76.00000	35,000 ft	14	-
LATLON	-	126.00000	10,668 m		
7600N12500E	-	76.00000	35,000 ft	14	-
LATLON	-	125.00000	10,668 m		
BAKUN	-	75.36470	35,000 ft	115	-
FIX	-	117.62800	10,668 m		
ROMUL	G112	73.92580	35,000 ft	90	-
FIX	AWY-HI	115.95600	10,668 m		
SALAK	G112	71.96750	35,000 ft	121	-
FIX	AWY-HI	114.11800	10,668 m		
ARKAT	B954	72.01920	35,000 ft	39	-
FIX	AWY-HI	112.01800	10,668 m		
ORTEM	B954	72.01580	35,000 ft	149	-
FIX	AWY-HI	103.93700	10,668 m		
HTG	B954	71.96960	35,000 ft	26	KHATANGA
VOR	AWY-HI	102.49300	10,668 m		
DILOS	G809	71.56420	35,000 ft	26	-
FIX	AWY-HI	101.96000	10,668 m		
BAROR	G809	70.29670	35,000 ft	81	-
FIX	AWY-HI	100.44400	10,668 m		
TUROG	G809	69.39580	35,000 ft	57	-
FIX	AWY-HI	99.47810	10,668 m		
MOLAG	G809	68.52750	35,000 ft	55	-
FIX	AWY-HI	98.61470	10,668 m		
OKUPA	G809	67.75670	35,000 ft	48	-
FIX	AWY-HI	97.91690	10,668 m		
RAGAN	G809	62.75250	35,000 ft	313	-
FIX	AWY-HI	94.33970	10,668 m		
GITUR	-	62.78420	35,000 ft	9	-
FIX	-	93.99970	10,668 m		
RALUP	R27	61.83690	35,000 ft	106	-
FIX	AWY-HI	90.76280	10,668 m		
PTG	R27	61.59890	35,000 ft	25	PODKAMENNAYA TUNGUSKA
VOR	AWY-HI	90.01330	10,668 m		
OKEDU	R27	61.19580	35,000 ft	27	-
FIX	AWY-HI	89.52610	10,668 m		
LIKOT	R27	59.10060	35,000 ft	143	-
FIX	AWY-HI	87.20280	10,668 m		
CE	R27	58.64060	35,000 ft	31	MAKSIMKIN YAR
NDB	AWY-HI	86.73000	10,668 m		
GISAD	G489	57.77720	35,000 ft	52	-
FIX	AWY-HI	86.56280	10,668 m		
NATUP	G489	56.08500	35,000 ft	102	-
FIX	AWY-HI	86.25500	10,668 m		
KESED	G489	55.27060	35,000 ft	49	-
FIX	AWY-HI	86.10780	10,668 m		
GITIS	A309	54.97720	35,000 ft	18	-
FIX	AWY-HI	85.99940	10,668 m		
ASBET	A309	54.45720	35,000 ft	31	-
FIX	AWY-HI	85.86610	10,668 m		
GIMOD	A309	53.18720	35,000 ft	77	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	85.55280	10,668 m		
KUDEB	A309	52.46720	35,000 ft	43	-
FIX	AWY-HI	85.38280	10,668 m		
BOKIS	B156	50.96000	35,000 ft	113	-
FIX	AWY-HI	83.55330	10,668 m		
BANOV	B156	50.61780	35,000 ft	25	-
FIX	AWY-HI	83.15500	10,668 m		
UKM	B156	50.03290	35,000 ft	42	UST-KAMENOGORSK
VOR	AWY-HI	82.50860	10,668 m		
LASNA	B156	49.43390	35,000 ft	43	-
FIX	AWY-HI	81.88750	10,668 m		
AGZ	B156	47.93110	35,000 ft	106	AYAGUZ
VOR	AWY-HI	80.44970	10,668 m		
BURID	W313	47.04280	35,000 ft	58	-
FIX	AWY-HI	81.01420	10,668 m		
AGAKA	W313	46.59560	35,000 ft	27	-
FIX	AWY-HI	80.91750	10,668 m		
ADRI	W313	46.32780	35,000 ft	16	-
FIX	AWY-HI	80.86030	10,668 m		
GALSU	W313	46.19060	35,000 ft	8	-
FIX	AWY-HI	80.83110	10,668 m		
OGADO	-	45.63440	35,000 ft	34	-
FIX	-	81.01860	10,668 m		
4500N08100E	-	45.00000	35,000 ft	38	-
LATLON	-	81.00000	10,668 m		
4400N08100E	-	44.00000	35,000 ft	60	-
LATLON	-	81.00000	10,668 m		
RULAD	-	43.50000	35,000 ft	32	-
FIX	-	80.73330	10,668 m		
IDMOL	A460	42.69170	35,000 ft	65	-
FIX	AWY-HI	81.74000	10,668 m		
XKC	A460	41.67670	35,000 ft	78	QIUCI
VOR	AWY-HI	82.84330	10,668 m		
PAMLI	B215	40.96670	35,000 ft	68	-
FIX	AWY-HI	81.66330	10,668 m		
LESVI	B215	40.12000	35,000 ft	84	-
FIX	AWY-HI	80.17170	10,668 m		
MAGIV	B215	38.57830	35,000 ft	154	-
FIX	AWY-HI	77.50000	10,668 m		
PUBOD	-	38.49670	35,000 ft	7	-
FIX	-	77.62330	10,668 m		
3700N07800E	-	37.00000	35,000 ft	91	-
LATLON	-	78.00000	10,668 m		
3500N07800E	-	35.00000	35,000 ft	120	-
LATLON	-	78.00000	10,668 m		
LLH	-	34.08440	35,000 ft	58	LEH
VOR	-	77.57720	10,668 m		
LELAX	W39	32.39140	35,000 ft	101	-
FIX	AWY-HI	77.63190	10,668 m		
SP	W39	29.99990	16,500 ft	143	SARSAWA
NDB	AWY-HI	77.43200	5,029 m		
VIDP	-	28.55850	0 ft	88	Indira Gandhi Intl
APT	-	77.09790	0 m		

KSEA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.771 E

METAR

KSEA 172053Z 19013G19KT 10SM SCT030 SCT070 16/02 A3015 RMK A02 SLP215 T01610022 58001

TAF

KSEA 172058Z 1721/1824 21012KT P6SM SCT030 BKN070 FM180900 22012KT P6SM BKN025 OVC050 FM181700 21007KT P6SM BKN050

Frequencies

REC - 118.00 MHz - SEATTLE ATIS	CLD - 128.00 MHz - SEATTLE CLEARANCE
GND - 121.70 MHz - SEATTLE GROUND	TWR - 119.90 MHz - SEATTLE TOWER
TWR - 120.95 MHz - SEATTLE TOWER	APP - 133.65 MHz - SEATTLE APPROACH
DEP - 120.10 MHz - SEATTLE DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	151 ft	11,904 ft	180.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	165.58		0 m	122 m
34R	151 ft	11,904 ft	0.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	345.58		0 m	122 m
16C	151 ft	9,428 ft	180.34	CONCRETE	0 ft	400 ft
	46 m	2,874 m	165.57		0 m	122 m
34C	151 ft	9,428 ft	0.34	CONCRETE	0 ft	397 ft
	46 m	2,874 m	345.57		0 m	121 m
16R	151 ft	8,502 ft	180.34	CONCRETE	0 ft	200 ft
	46 m	2,591 m	165.57		0 m	61 m
34L	151 ft	8,502 ft	0.34	CONCRETE	0 ft	197 ft
	46 m	2,591 m	345.57		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	ISZI	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
16L	DME	ISNQ	110.30 MHz	18 nm	-	-	369 ft
				33 km	-		369 m
16R	DME	ICJL	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34C	DME	ITUC	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
34L	DME	IB EJ	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34R	DME	ISEA	110.30 MHz	18 nm	-	-	469 ft
				33 km	-		469 m
16C	LOC-ILS	ISZI	111.70 MHz	18 nm	180.34	-	355 ft
				33 km	165.57		355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm	180.34	-	338 ft
				33 km	165.57		338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm	180.34	-	410 ft
				33 km	165.56		410 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34C	LOC-ILS	ITUC	111.70 MHz	18 nm	0.34	-	422 ft
				33 km	345.57		422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm	0.34	-	433 ft
				33 km	345.56		433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm	0.34	-	428 ft
				33 km	345.57		428 m
16C	GS	ISZI	111.70 MHz	10 nm	180.67	3.00	418 ft
				19 km	165.90		418 m
16L	GS	ISNQ	110.30 MHz	10 nm	180.69	3.00	425 ft
				19 km	165.91		425 m
16R	GS	ICJL	110.75 MHz	10 nm	180.67	3.00	410 ft
				19 km	165.90		410 m
34C	GS	ITUC	111.70 MHz	10 nm	0.67	3.00	367 ft
				19 km	345.90		367 m
34L	GS	IBEJ	110.75 MHz	10 nm	0.67	3.00	360 ft
				19 km	345.90		360 m
34R	GS	ISEA	110.30 MHz	10 nm	0.69	2.75	355 ft
				19 km	345.91		355 m

VIDP

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 3

Elevation: 778 ft / 237 m
Location: 28.558500 77.097900
Magnetic Var: 1.602 E

METAR

VIDP 172130Z 00000KT 3000 HZ SCT100 33/12 Q1004 NOSIG

TAF

TAF VIDP 171700Z 1718/1824 23008KT 3500 HZ NSC BECMG 1800/1802 29010KT 2500 HZ -RA SCT030 BKN080 BECMG 1804/1806 4

Frequencies

REC - 126.40 MHz - DELHI ATIS
TWR - 118.10 MHz - DELHI TOWER
APP - 124.20 MHz - DELHI APPROACH

GND - 121.90 MHz - DELHI GROUND
APP - 126.35 MHz - DELHI APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	197 ft	14,509 ft	103.69	ASPHALT	2,106 ft	0 ft
	60 m	4,422 m	102.09		642 m	0 m
29	197 ft	14,509 ft	283.72	ASPHALT	4,780 ft	0 ft
	60 m	4,422 m	282.11		1,457 m	0 m
10	150 ft	12,511 ft	104.69	ASPHALT	0 ft	883 ft
	46 m	3,813 m	103.09		0 m	269 m
28	150 ft	12,511 ft	284.71	ASPHALT	0 ft	476 ft
	46 m	3,813 m	283.10		0 m	145 m
09	150 ft	9,219 ft	91.44	ASPHALT	0 ft	197 ft
	46 m	2,810 m	89.84		0 m	60 m
27	150 ft	9,219 ft	271.46	ASPHALT	499 ft	0 ft
	46 m	2,810 m	269.85		152 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	DME	DEL	109.50 MHz	18 nm	-	-	777 ft
				33 km	-		777 m
27	DME	IDLH	110.50 MHz	18 nm	-	-	777 ft
				33 km	-		777 m
28	DME	IPLM	110.30 MHz	18 nm	-	-	777 ft
				33 km	-		777 m
09	LOC-ILS	IDIA	108.50 MHz	18 nm	91.45	-	778 ft
				33 km	89.85		778 m
10	LOC-ILS	IDEL	109.50 MHz	18 nm	104.70	-	778 ft
				33 km	103.10		778 m
27	LOC-ILS	IDLH	110.50 MHz	18 nm	271.45	-	778 ft
				33 km	269.85		778 m
28	LOC-ILS	IPLM	110.30 MHz	18 nm	284.70	-	778 ft
				33 km	283.10		778 m
11	LOC-ILS	IDMR	111.30 MHz	18 nm	103.71	-	778 ft
				33 km	102.11		778 m
29	LOC-ILS	IDGM	110.90 MHz	18 nm	283.71	-	778 ft
				33 km	282.11		778 m
09	GS	IDIA	108.50 MHz	10 nm	91.45	3.00	778 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	89.85		778 m
10	GS	IDEL	109.50 MHz	10 nm	104.70	3.00	778 ft
				19 km	103.10		778 m
27	GS	IDLH	110.50 MHz	10 nm	271.45	3.00	778 ft
				19 km	269.85		778 m
28	GS	IPLM	110.30 MHz	10 nm	284.70	3.00	778 ft
				19 km	283.10		778 m
11	GS	IDMR	111.30 MHz	10 nm	103.71	3.00	778 ft
				19 km	102.11		778 m
29	GS	IDGM	110.90 MHz	10 nm	283.71	3.00	778 ft
				19 km	282.11		778 m