

RKSI

Incheon Intl

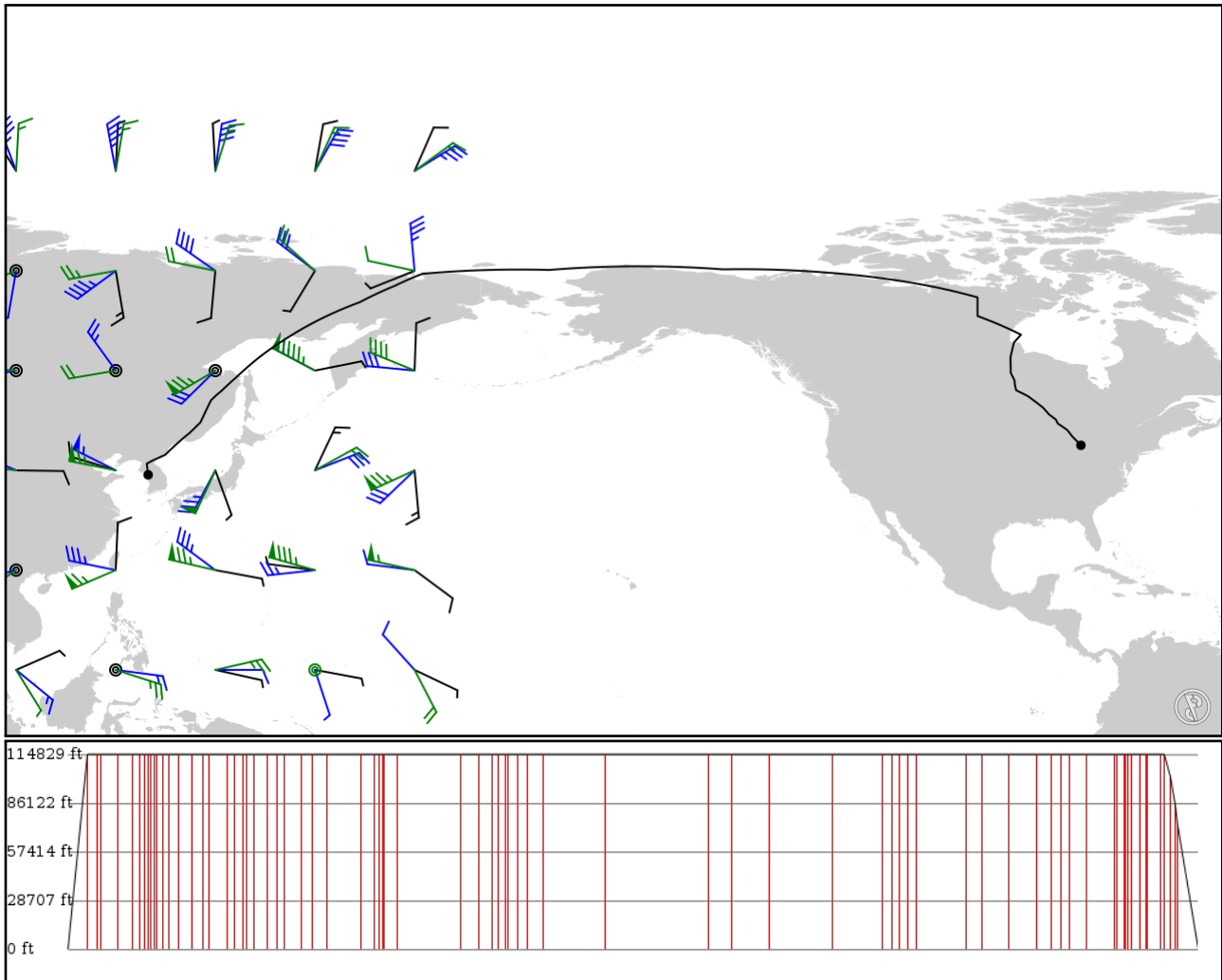
KDTW

Detroit Metro International Airport

2024/05/17 0254Z

RKSI SOCHA **R452** KICHA **B356** TD **W307** FI **G212** NIMOR **A218** OSKON **A803** OKEPA **B970** BEKMI **G912** LISKI **NCA31**
SEDAG DASBA 100A 100T 100B **NCA28** DUVER YYQ **J89** YIV **RR10** RL **R6** YXL **J513** YQT **V133** TVC **V320** MOP KDTW

6054.59 nm / 11213.10 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
RKSI	-	37.46540	0 ft	-	Incheon Intl
APT	-	126.44300	0 m		
SOCHA	-	39.25000	35,000 ft	107	-
FIX	-	126.21700	10,668 m		
WASAN	R452	39.72830	35,000 ft	49	-
FIX	AWY-HI	127.08400	10,668 m		
HAMUN	R452	39.92170	35,000 ft	23	-
FIX	AWY-HI	127.51800	10,668 m		
KICHA	R452	40.68420	35,000 ft	89	-
FIX	AWY-HI	129.19200	10,668 m		
ANKOG	B356	41.72220	35,000 ft	79	-
FIX	AWY-HI	130.27800	10,668 m		
ADNUR	B356	42.20830	35,000 ft	37	-
FIX	AWY-HI	130.80300	10,668 m		
GALDI	B356	42.56940	35,000 ft	27	-
FIX	AWY-HI	131.19600	10,668 m		
AGBIS	B356	42.78920	35,000 ft	17	-
FIX	AWY-HI	131.44100	10,668 m		
KESAN	B356	42.98860	35,000 ft	15	-
FIX	AWY-HI	131.66600	10,668 m		
BAPRU	B356	43.19220	35,000 ft	15	-
FIX	AWY-HI	131.89800	10,668 m		
KN	B356	43.38420	35,000 ft	15	KNEVICH I
VOR	AWY-HI	132.11800	10,668 m		
DOLMA	B356	43.80690	35,000 ft	33	-
FIX	AWY-HI	132.63300	10,668 m		
BL	B356	44.20110	35,000 ft	31	CHERNYSHEVKA
NDB	AWY-HI	133.12100	10,668 m		
LUBOK	B356	44.91690	35,000 ft	53	-
FIX	AWY-HI	133.86800	10,668 m		
TD	B356	45.90080	35,000 ft	72	BOGUSLAVETS
NDB	AWY-HI	134.86600	10,668 m		
GUBOL	W307	46.82190	35,000 ft	58	-
FIX	AWY-HI	135.30400	10,668 m		
OTMIR	W307	47.27860	35,000 ft	28	-
FIX	AWY-HI	135.51400	10,668 m		
VADOK	W307	48.86360	35,000 ft	99	-
FIX	AWY-HI	136.27300	10,668 m		
FI	W307	49.44420	35,000 ft	36	TROITSKOYE
NDB	AWY-HI	136.56800	10,668 m		
LALET	G212	50.09030	35,000 ft	46	-
FIX	AWY-HI	137.23600	10,668 m		
SUTEK	G212	50.38360	35,000 ft	21	-
FIX	AWY-HI	137.55100	10,668 m		
TERBO	G212	50.91690	35,000 ft	40	-
FIX	AWY-HI	138.20100	10,668 m		
LUNED	G212	51.92360	35,000 ft	72	-
FIX	AWY-HI	139.27000	10,668 m		
LEKBI	G212	52.63190	35,000 ft	51	-
FIX	AWY-HI	140.04800	10,668 m		
NIMOR	G212	53.15030	35,000 ft	37	-
FIX	AWY-HI	140.63800	10,668 m		
GINOL	A218	54.41360	35,000 ft	90	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	142.01300	10,668 m		
MOLUT	A218	55.21190	35,000 ft	57	-
FIX	AWY-HI	142.92800	10,668 m		
ABAGO	A218	56.29190	35,000 ft	78	-
FIX	AWY-HI	144.23800	10,668 m		
OKRUS	A218	58.76530	35,000 ft	185	-
FIX	AWY-HI	147.70200	10,668 m		
BANOT	A218	59.67690	35,000 ft	70	-
FIX	AWY-HI	149.14700	10,668 m		
RIPTA	A218	60.01080	35,000 ft	25	-
FIX	AWY-HI	149.68200	10,668 m		
IDNOR	A218	60.24720	35,000 ft	18	-
FIX	AWY-HI	150.07000	10,668 m		
TINID	A218	60.30920	35,000 ft	4	-
FIX	AWY-HI	150.17300	10,668 m		
GUBAD	A218	61.22190	35,000 ft	71	-
FIX	AWY-HI	151.74700	10,668 m		
OSKON	A218	65.23860	35,000 ft	338	-
FIX	AWY-HI	160.54400	10,668 m		
INDOL	A803	66.52030	35,000 ft	99	-
FIX	AWY-HI	163.10800	10,668 m		
KUDUN	A803	67.38250	35,000 ft	68	-
FIX	AWY-HI	165.02800	10,668 m		
OKEPA	A803	67.84690	35,000 ft	37	-
FIX	AWY-HI	166.13800	10,668 m		
UBONI	B970	68.33940	35,000 ft	37	-
FIX	AWY-HI	167.17700	10,668 m		
ABOKO	B970	68.52690	35,000 ft	14	-
FIX	AWY-HI	167.58700	10,668 m		
MAKUB	B970	69.20500	35,000 ft	52	-
FIX	AWY-HI	169.10300	10,668 m		
BEKMI	B970	69.78330	35,000 ft	46	-
FIX	AWY-HI	170.59900	10,668 m		
ARLIM	G912	70.10500	35,000 ft	87	-
FIX	AWY-HI	174.74200	10,668 m		
LISKI	G912	70.40500	35,000 ft	329	-
FIX	AWY-HI	-168.97300	10,668 m		
VOLOB	NCA31	70.50000	35,000 ft	557	-
FIX	AWY-HI	-141.00000	10,668 m		
KITOL	NCA31	70.50000	35,000 ft	120	-
FIX	AWY-HI	-135.00000	10,668 m		
DASPO	NCA31	70.04000	35,000 ft	204	-
FIX	AWY-HI	-125.00000	10,668 m		
LIDEB	NCA31	68.25000	35,000 ft	337	-
FIX	AWY-HI	-110.00000	10,668 m		
SEDAG	NCA31	66.00000	35,000 ft	269	-
FIX	AWY-HI	-100.00000	10,668 m		
DASBA	-	65.16670	35,000 ft	50	-
FIX	-	-100.00000	10,668 m		
100A	-	64.50000	35,000 ft	40	-
FIX	-	-100.00000	10,668 m		
100T	-	63.75000	35,000 ft	45	-
FIX	-	-100.00000	10,668 m		
100B	-	63.00000	35,000 ft	45	-
FIX	-	-100.00000	10,668 m		
DUVER	NCA28	60.00000	35,000 ft	269	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-93.00000	10,668 m		
YYQ	-	58.74170	35,000 ft	83	CHURCHILL
VOR	-	-94.13530	10,668 m		
YGX	J89	56.35320	35,000 ft	144	GILLAM
NDB	AWY-HI	-94.70000	10,668 m		
YIV	J89	53.85390	35,000 ft	150	ISLAND LAKE
NDB	AWY-HI	-94.65340	10,668 m		
YVZ	RR10	52.64880	35,000 ft	75	DEER LAKE
NDB	AWY-LO	-94.05700	10,668 m		
YPM	RR10	51.82300	35,000 ft	49	PIKANGIKUM
NDB	AWY-LO	-93.97310	10,668 m		
RL	RR10	51.06100	35,000 ft	46	RED LAKE
NDB	AWY-LO	-93.78490	10,668 m		
YXL	R6	50.11830	35,000 ft	91	SIOUX LOOKOUT
NDB	AWY-LO	-91.89780	10,668 m		
YQT	J513	48.25390	35,000 ft	147	THUNDER BAY
VOR	AWY-HI	-89.43720	10,668 m		
KJDRS	V133	48.01380	35,000 ft	16	-
FIX	AWY-LO	-89.22240	10,668 m		
FEMOK	V133	47.45760	35,000 ft	38	-
FIX	AWY-LO	-88.73340	10,668 m		
VAYUC	V133	47.37140	35,000 ft	6	-
FIX	AWY-LO	-88.65870	10,668 m		
CMX	V133	47.17030	35,000 ft	13	HOUGHTON (HANCOCK)
VOR	AWY-LO	-88.48540	10,668 m		
PEVXI	V133	46.96300	35,000 ft	16	-
FIX	AWY-LO	-88.20290	10,668 m		
SAW	V133	46.35890	35,000 ft	49	SAWYER
VOR	AWY-LO	-87.39740	10,668 m		
VNZNT	V133	45.91220	35,000 ft	28	-
FIX	AWY-LO	-87.18050	10,668 m		
ZALKI	V133	45.88060	35,000 ft	2	-
FIX	AWY-LO	-87.16530	10,668 m		
ESC	V133	45.72260	35,000 ft	10	ESCANABA
VOR	AWY-LO	-87.08960	10,668 m		
CUBKO	V133	44.91230	35,000 ft	69	-
FIX	AWY-LO	-85.89890	10,668 m		
TVC	V133	44.66790	35,000 ft	20	TRAVERSE CITY
VOR	AWY-LO	-85.55000	10,668 m		
ZOLOX	V320	44.21050	31,000 ft	31	-
FIX	AWY-LO	-85.19020	9,449 m		
ICADA	V320	43.87200	26,000 ft	23	-
FIX	AWY-LO	-84.92810	7,925 m		
MOP	V320	43.62280	22,300 ft	17	MOUNT PLEASANT
VOR	AWY-LO	-84.73730	6,797 m		
KDTW	-	42.21220	0 ft	104	Detroit Metro International Airport
APT	-	-83.35260	0 m		

RKSI

Region: SOUTH KOREA
Timezone: UNKNOWN
Runways: 3

Elevation: 22 ft / 7 m
Location: 37.465400 126.443000
Magnetic Var: 8.784 W

METAR

RKSI 170230Z 15006KT CAVOK 21/12 Q1014 NOSIG

TAF

TAF RKSI 162300Z 1700/1806 17010KT 6000 FEW010 TX21/1705Z TN14/1720Z TX22/1805Z BECMG 1701/1703 20015G25KT CAVOK

Frequencies

REC - 128.40 MHz - INCHEON ATIS
TWR - 118.20 MHz - INCHEON TOWER
DEP - 121.40 MHz - SEOUL DEPARTURE
GND - 121.75 MHz - INCHEON GROUND
APP - 119.75 MHz - SEOUL APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	13,131 ft	144.75	ASPHALT	0 ft	394 ft
	60 m	4,002 m	153.54		0 m	120 m
34	197 ft	13,131 ft	324.77	ASPHALT	0 ft	394 ft
	60 m	4,002 m	333.55		0 m	120 m
15R	197 ft	12,311 ft	144.78	ASPHALT	0 ft	397 ft
	60 m	3,752 m	153.56		0 m	121 m
33L	197 ft	12,311 ft	324.79	ASPHALT	0 ft	394 ft
	60 m	3,752 m	333.58		0 m	120 m
15L	197 ft	12,312 ft	144.77	ASPHALT	0 ft	397 ft
	60 m	3,753 m	153.56		0 m	121 m
33R	197 ft	12,312 ft	324.79	ASPHALT	0 ft	394 ft
	60 m	3,753 m	333.57		0 m	120 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15L	DME	ISLL	111.90 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
15R	DME	ISRR	109.10 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
33L	DME	INLL	109.30 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
33R	DME	INRR	108.90 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
15L	LOC-ILS	ISLL	111.90 MHz	18 nm	144.79	-	22 ft
				33 km	153.57		22 m
15R	LOC-ILS	ISRR	109.10 MHz	18 nm	144.79	-	22 ft
				33 km	153.57		22 m
16	LOC-ILS	IRKS	110.35 MHz	18 nm	144.77	-	22 ft
				33 km	153.55		22 m
33L	LOC-ILS	INLL	109.30 MHz	18 nm	324.79	-	22 ft
				33 km	333.57		22 m
33R	LOC-ILS	INRR	108.90 MHz	18 nm	324.79	-	22 ft
				33 km	333.57		22 m
34	LOC-ILS	IRKN	108.10 MHz	18 nm	324.77	-	22 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	333.55		22 m
15L	GS	ISLL	111.90 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.57		22 m
15R	GS	ISRR	109.10 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.57		22 m
16	GS	IRKS	110.35 MHz	10 nm	144.77	3.00	22 ft
				19 km	153.55		22 m
33L	GS	INLL	109.30 MHz	10 nm	324.79	3.00	22 ft
				19 km	333.57		22 m
33R	GS	INRR	108.90 MHz	10 nm	324.79	3.00	23 ft
				19 km	333.57		23 m
34	GS	IRKN	108.10 MHz	10 nm	324.77	3.00	22 ft
				19 km	333.55		22 m

KDTW

Region: UNITED STATES
Timezone: AMERICA/DETROIT
Runways: 6

Elevation: 645 ft / 197 m
Location: 42.212200 -83.352600
Magnetic Var: 7.491 W

METAR

KDTW 170153Z 00000KT 10SM OVC085 18/13 A2983 RMK AO2 SLP098 T01780128

TAF

TAF KDTW 162320Z 1700/1806 15006KT P6SM SCT045 OVC080 FM170800 14005KT 6SM -SHRA OVC045 FM171000 15005KT 5SM -SHR

Frequencies

REC - 118.12 MHz - ATIS	REC - 133.67 MHz - ATIS
COM - 122.95 MHz - UNICOM	CLD - 120.65 MHz - CLEARANCE DELIVERY
GND - 119.25 MHz - METRO GROUND	GND - 119.45 MHz - METRO GROUND
GND - 121.80 MHz - METRO GROUND	GND - 132.72 MHz - METRO GROUND
TWR - 118.40 MHz - METRO TOWER	TWR - 128.12 MHz - METRO TOWER
TWR - 128.75 MHz - METRO TOWER	TWR - 135.00 MHz - METRO TOWER
APP - 124.05 MHz - DETROIT APPROACH	APP - 125.15 MHz - DETROIT APPROACH
DEP - 118.95 MHz - DETROIT DEPARTURE	DEP - 125.52 MHz - DETROIT DEPARTURE
DEP - 132.02 MHz - DETROIT DEPARTURE	DEP - 134.30 MHz - DETROIT DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04R	200 ft	12,011 ft	28.61	CONCRETE	512 ft	397 ft
	61 m	3,661 m	36.10		156 m	121 m
22L	200 ft	12,011 ft	208.63	CONCRETE	0 ft	433 ft
	61 m	3,661 m	216.12		0 m	132 m
03R	151 ft	10,005 ft	28.61	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.10		0 m	122 m
21L	151 ft	10,005 ft	208.62	CONCRETE	0 ft	400 ft
	46 m	3,049 m	216.11		0 m	122 m
04L	151 ft	10,003 ft	28.58	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.07		0 m	122 m
22R	151 ft	10,003 ft	208.59	CONCRETE	0 ft	400 ft
	46 m	3,049 m	216.08		0 m	122 m
09L	151 ft	8,687 ft	88.70	CONCRETE	0 ft	400 ft
	46 m	2,648 m	96.19		0 m	122 m
27R	151 ft	8,687 ft	268.72	CONCRETE	0 ft	400 ft
	46 m	2,648 m	276.22		0 m	122 m
03L	150 ft	8,505 ft	28.62	CONCRETE	0 ft	400 ft
	46 m	2,592 m	36.12		0 m	122 m
21R	150 ft	8,505 ft	208.63	CONCRETE	0 ft	397 ft
	46 m	2,592 m	216.13		0 m	121 m
09R	151 ft	8,480 ft	88.71	CONCRETE	0 ft	400 ft
	46 m	2,585 m	96.20		0 m	122 m
27L	151 ft	8,480 ft	268.73	CONCRETE	0 ft	400 ft
	46 m	2,585 m	276.22		0 m	122 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
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Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHJT	111.95 MHz	18 nm	-	-	650 ft
				33 km	-		650 m
04R	DME	IDTW	110.70 MHz	18 nm	-	-	650 ft
				33 km	-		650 m
22L	DME	IDWC	110.70 MHz	18 nm	-	-	646 ft
				33 km	-		646 m
03R	LOC-ILS	IHUU	111.50 MHz	18 nm	28.62	-	645 ft
				33 km	36.11		645 m
04L	LOC-ILS	IHJT	111.95 MHz	18 nm	28.59	-	645 ft
				33 km	36.08		645 m
04R	LOC-ILS	IDTW	110.70 MHz	18 nm	28.63	-	645 ft
				33 km	36.12		645 m
21L	LOC-ILS	IEJR	111.50 MHz	18 nm	208.62	-	645 ft
				33 km	216.11		645 m
22L	LOC-ILS	IDWC	110.70 MHz	18 nm	208.63	-	645 ft
				33 km	216.12		645 m
22R	LOC-ILS	IJKI	111.95 MHz	18 nm	208.59	-	645 ft
				33 km	216.08		645 m
27L	LOC-ILS	IEPA	110.15 MHz	18 nm	268.72	-	645 ft
				33 km	276.21		645 m
27R	LOC-ILS	IDMI	108.50 MHz	18 nm	268.71	-	645 ft
				33 km	276.20		645 m
22R	LOC-LOC	IJKI	111.95 MHz	18 nm	208.59	-	645 ft
				33 km	216.08		645 m
03R	GS	IHUU	111.50 MHz	10 nm	28.62	3.00	645 ft
				19 km	36.11		645 m
04L	GS	IHJT	111.95 MHz	10 nm	28.59	3.00	645 ft
				19 km	36.08		645 m
04R	GS	IDTW	110.70 MHz	10 nm	28.63	3.00	645 ft
				19 km	36.12		645 m
21L	GS	IEJR	111.50 MHz	10 nm	208.62	3.00	645 ft
				19 km	216.11		645 m
22L	GS	IDWC	110.70 MHz	10 nm	208.63	2.85	645 ft
				19 km	216.12		645 m
22R	GS	IJKI	111.95 MHz	10 nm	208.59	3.00	645 ft
				19 km	216.08		645 m
27L	GS	IEPA	110.15 MHz	10 nm	268.72	3.00	645 ft
				19 km	276.21		645 m
27R	GS	IDMI	108.50 MHz	10 nm	268.71	3.00	645 ft
				19 km	276.20		645 m