

# RKSI

Incheon Intl

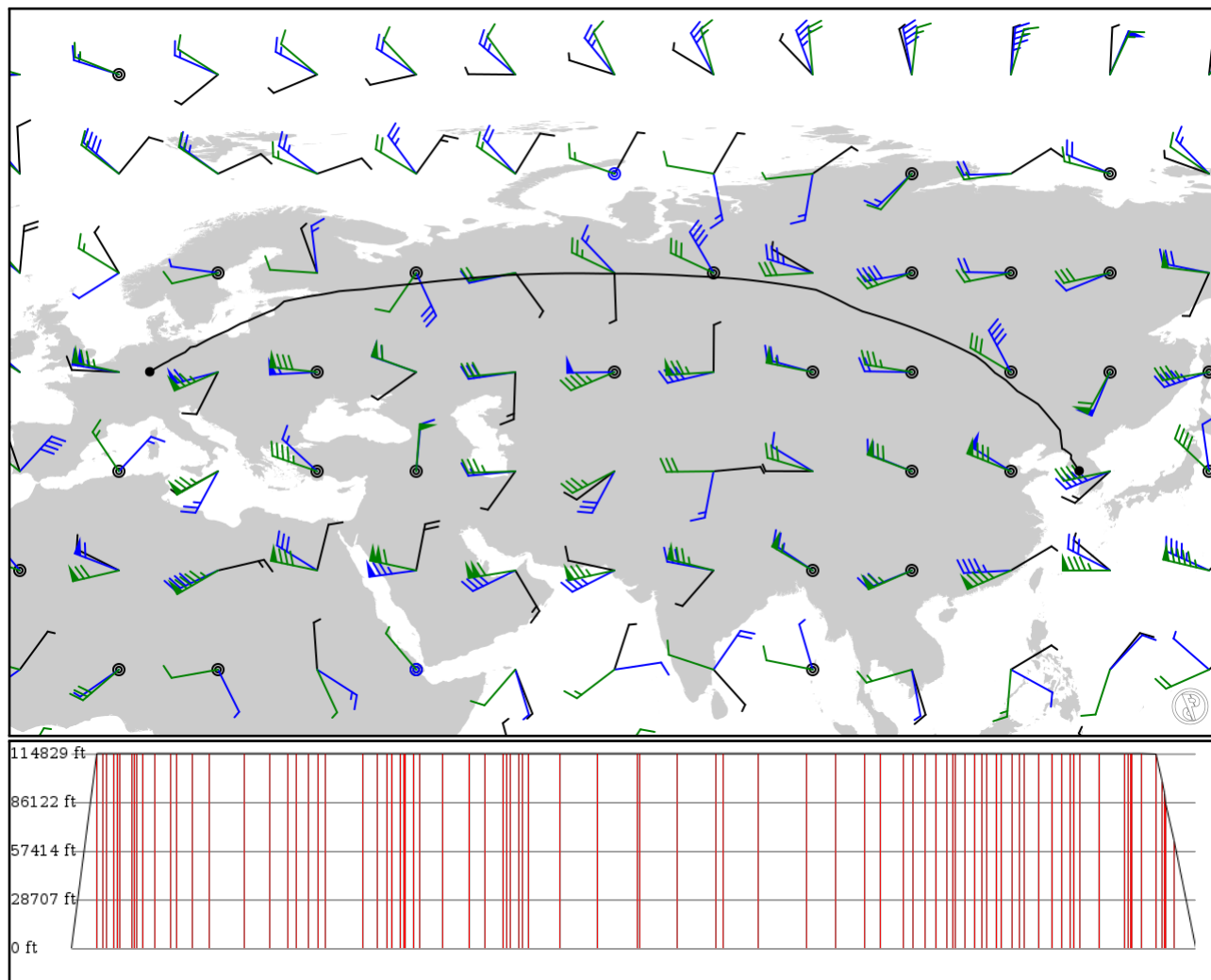
# EDDF

Frankfurt

2024/05/23 1544Z

RKSI SASRI BODOK A575 GOLOT A345 IKITI SUMBE IKARU SULOK A91 AGINO LASAD A91 KTN A920 OMITA G490  
SEVIK R121 DUBES R117 URAMI R813 NETLU A834 VESUR R902 AGBON G445 SPB B141 RANVA P863 GONOS Y119  
SOKVA N619 LEP LEP M990 GARSO L134 RONUN B810 KUNER Z717 BODLA UZ717 BEKBA LOLPA Z14 KENIG UZ20  
BIRKA T177 ERSIL EDDF

4686.99 nm / 8680.30 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
RKSI APT	-	37.46540 126.44300	0 ft 0 m	-	Incheon Intl
SASRI FIX	-	39.02610 125.39500	35,000 ft 10,668 m	105	-
BODOK FIX	-	39.48420 125.43000	35,000 ft 10,668 m	27	-
JONJU FIX	A575 AWY-HI	39.68500 125.21700	35,000 ft 10,668 m	15	-
YOMJU FIX	A575 AWY-HI	40.01140 124.77700	35,000 ft 10,668 m	28	-
GOLOT FIX	A575 AWY-HI	40.20830 124.50800	35,000 ft 10,668 m	17	-
DDG DME	A345 AWY-HI	40.26000 124.28800	35,000 ft 10,668 m	10	DANDONG VOR-DME
ANSUK FIX	A345 AWY-HI	41.04830 124.19300	35,000 ft 10,668 m	47	-
VILIX FIX	A345 AWY-HI	41.28170 124.17300	35,000 ft 10,668 m	14	-
BIDIB FIX	A345 AWY-HI	41.40670 124.16300	35,000 ft 10,668 m	7	-
EKVOK FIX	A345 AWY-HI	41.82330 124.11000	35,000 ft 10,668 m	25	-
KYU VOR	A345 AWY-HI	42.63170 124.00700	35,000 ft 10,668 m	48	KAIYUAN
UGRUP FIX	A345 AWY-HI	43.61500 123.19800	35,000 ft 10,668 m	68	-
DULEX FIX	A345 AWY-HI	43.93830 122.92800	35,000 ft 10,668 m	22	-
APUKO FIX	A345 AWY-HI	44.89500 122.11800	35,000 ft 10,668 m	67	-
IKITI FIX	A345 AWY-HI	45.91500 121.23500	35,000 ft 10,668 m	71	-
SUMBE FIX	-	47.56890 118.60000	35,000 ft 10,668 m	147	-
IKARU FIX	-	48.95500 117.15000	35,000 ft 10,668 m	101	-
SULOK FIX	-	49.90000 115.75000	35,000 ft 10,668 m	78	-
MAPAK FIX	A91 AWY-HI	50.39170 115.26100	35,000 ft 10,668 m	35	-
AGINO FIX	A91 AWY-HI	51.10060 114.53400	35,000 ft 10,668 m	50	-
LASAD FIX	-	51.61310 113.86300	35,000 ft 10,668 m	39	-
KTN VOR	A91 AWY-HI	52.02440 113.30800	35,000 ft 10,668 m	32	KADALA (CHITA)
ALUMI FIX	A920 AWY-HI	53.63720 110.01500	35,000 ft 10,668 m	153	-
MOPON FIX	A920 AWY-HI	54.24970 108.64100	35,000 ft 10,668 m	60	-
ARNAB FIX	A920 AWY-HI	54.63780 107.72900	35,000 ft 10,668 m	39	-
NIRUN	A920	54.81970	35,000 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	107.29000	10,668 m		
GOGIL	A920	55.16720	35,000 ft	36	-
FIX	AWY-HI	106.43000	10,668 m		
LUPIT	A920	55.33360	35,000 ft	17	-
FIX	AWY-HI	106.00700	10,668 m		
NAROB	A920	55.36640	35,000 ft	3	-
FIX	AWY-HI	105.92300	10,668 m		
ABLAS	A920	55.70220	35,000 ft	36	-
FIX	AWY-HI	105.04400	10,668 m		
UBORA	A920	55.91720	35,000 ft	23	-
FIX	AWY-HI	104.45100	10,668 m		
OSNIK	A920	56.74810	35,000 ft	95	-
FIX	AWY-HI	102.01700	10,668 m		
OMITA	A920	57.68060	35,000 ft	114	-
FIX	AWY-HI	98.96000	10,668 m		
BARIK	G490	58.37720	35,000 ft	65	-
FIX	AWY-HI	97.36970	10,668 m		
ADASO	G490	59.24720	35,000 ft	74	-
FIX	AWY-HI	95.67470	10,668 m		
TIKUS	G490	59.43390	35,000 ft	16	-
FIX	AWY-HI	95.27140	10,668 m		
PEDAN	G490	59.59720	35,000 ft	14	-
FIX	AWY-HI	94.91140	10,668 m		
TALOD	G490	59.96720	35,000 ft	32	-
FIX	AWY-HI	94.11140	10,668 m		
KULIM	G490	60.12000	35,000 ft	13	-
FIX	AWY-HI	93.76170	10,668 m		
SEVIK	G490	60.41720	35,000 ft	27	-
FIX	AWY-HI	93.06640	10,668 m		
DUBES	R121	61.12220	35,000 ft	132	-
FIX	AWY-HI	88.77280	10,668 m		
KUMIR	R117	61.76720	35,000 ft	154	-
FIX	AWY-HI	83.54920	10,668 m		
RINOB	R117	62.14190	35,000 ft	165	-
FIX	AWY-HI	77.73610	10,668 m		
URAMI	R117	62.15890	35,000 ft	11	-
FIX	AWY-HI	77.32890	10,668 m		
ATBAR	R813	62.41220	35,000 ft	154	-
FIX	AWY-HI	71.81860	10,668 m		
SORLI	R813	62.46720	35,000 ft	160	-
FIX	AWY-HI	66.03170	10,668 m		
NETLU	R813	62.48390	35,000 ft	30	-
FIX	AWY-HI	64.92830	10,668 m		
OGROM	A834	62.47830	35,000 ft	148	-
FIX	AWY-HI	59.58440	10,668 m		
GISAN	A834	62.18360	35,000 ft	197	-
FIX	AWY-HI	52.51780	10,668 m		
AKADA	A834	61.80030	35,000 ft	123	-
FIX	AWY-HI	48.22780	10,668 m		
SUPEG	A834	61.41190	35,000 ft	121	-
FIX	AWY-HI	44.05780	10,668 m		
VESUR	A834	61.14830	35,000 ft	66	-
FIX	AWY-HI	41.80280	10,668 m		
BASAP	R902	60.84580	35,000 ft	93	-
FIX	AWY-HI	38.66250	10,668 m		
DIBLU	R902	60.70560	35,000 ft	38	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	37.36580	10,668 m		
MOTUD	R902	60.49250	35,000 ft	50	-
FIX	AWY-HI	35.70580	10,668 m		
GOGLA	R902	60.37330	35,000 ft	48	-
FIX	AWY-HI	34.10250	10,668 m		
REBTU	R902	60.24190	35,000 ft	46	-
FIX	AWY-HI	32.56690	10,668 m		
AMRAG	R902	60.10500	35,000 ft	21	-
FIX	AWY-HI	31.89390	10,668 m		
AGBON	R902	60.03310	35,000 ft	11	-
FIX	AWY-HI	31.54750	10,668 m		
SPB	G445	59.80690	35,000 ft	40	ST PETERSBURG
VOR	AWY-HI	30.27460	10,668 m		
TURAL	B141	59.62310	35,000 ft	39	-
FIX	AWY-HI	29.02440	10,668 m		
RANVA	B141	59.45670	35,000 ft	29	-
FIX	AWY-LO	28.09940	10,668 m		
RESMO	P863	59.33830	35,000 ft	19	-
FIX	AWY-HI	27.49030	10,668 m		
TUXUV	P863	59.07310	35,000 ft	43	-
FIX	AWY-HI	26.18780	10,668 m		
GONOS	P863	58.94250	35,000 ft	20	-
FIX	AWY-HI	25.57690	10,668 m		
PIVUN	Y119	58.34080	35,000 ft	41	-
FIX	AWY-HI	24.90440	10,668 m		
SOKVA	Y119	57.90000	35,000 ft	32	-
FIX	AWY-HI	24.29940	10,668 m		
NEVTO	N619	57.71970	35,000 ft	17	-
FIX	AWY-HI	23.85530	10,668 m		
TENSI	N619	57.06310	35,000 ft	63	-
FIX	AWY-HI	22.30560	10,668 m		
LEP	N619	56.51860	35,000 ft	51	LIEPAJA VOR-DME
DME	AWY-HI	21.09200	10,668 m		
LEP	-	56.51280	35,000 ft	0	LIEPAJA
VOR	-	21.08470	10,668 m		
GARSO	M990	56.14610	35,000 ft	39	-
FIX	AWY-HI	20.08220	10,668 m		
RONUN	L134	55.74470	35,000 ft	34	-
FIX	AWY-HI	19.32920	10,668 m		
OKPAN	B810	55.52190	35,000 ft	19	-
FIX	AWY-HI	18.92110	10,668 m		
KUNER	B810	55.25860	35,000 ft	22	-
FIX	AWY-HI	18.44810	10,668 m		
EMGAR	Z717	54.43530	35,000 ft	82	-
FIX	AWY-HI	16.55190	10,668 m		
BODLA	Z717	53.27580	35,000 ft	102	-
FIX	AWY-HI	14.41000	10,668 m		
RAKIT	UZ717	53.17860	35,000 ft	18	-
FIX	AWY-HI	13.91100	10,668 m		
BEKBA	UZ717	53.13190	35,000 ft	8	-
FIX	AWY-HI	13.67530	10,668 m		
LOLPA	-	53.04140	35,000 ft	6	-
FIX	-	13.60250	10,668 m		
ERAKU	Z14	52.51220	35,000 ft	37	-
FIX	AWY-HI	13.03640	10,668 m		
BARAP	Z14	51.86170	34,900 ft	62	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	11.71680	10,638 m		
KENIG	Z14	51.61960	30,100 ft	22	-
FIX	AWY-HI	11.26440	9,174 m		
ORTAG	UZ20	51.48680	27,900 ft	10	-
FIX	AWY-HI	11.07980	8,504 m		
BIRKA	UZ20	51.37940	26,000 ft	8	-
FIX	AWY-HI	10.93170	7,925 m		
ERSIL	T177	51.05060	19,300 ft	31	-
FIX	AWY-LO	10.28660	5,883 m		
EDDF	-	50.03260	0 ft	90	Frankfurt
APT	-	8.54067	0 m		

## RKSI

Region: SOUTH KOREA  
Timezone: UNKNOWN  
Runways: 3

Elevation: 22 ft / 7 m  
Location: 37.465400 126.443000  
Magnetic Var: 8.785 W

## METAR

RKSI 231530Z 25005KT 220V290 9000 BKN008 15/13 Q1012 NOSIG

## TAF

TAF AMD TAF AMD RKSI 231155Z 2312/2418 29007KT 6000 BKN007 TN14/2320Z TX22/2405Z BECMG 2316/2318 26006KT 4000 BR T

## 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	333.56		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	153.58		22 m
15R	LOC-ILS	ISRR	109.10 MHz	18 nm	144.79	-	22 ft
				33 km	153.58		22 m
16	LOC-ILS	IRKS	110.35 MHz	18 nm	144.77	-	22 ft
				33 km	153.56		22 m
33L	LOC-ILS	INLL	109.30 MHz	18 nm	324.79	-	22 ft
				33 km	333.58		22 m
33R	LOC-ILS	INRR	108.90 MHz	18 nm	324.79	-	22 ft
				33 km	333.58		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	333.56		22 m
15L	GS	ISLL	111.90 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.58		22 m
15R	GS	ISRR	109.10 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.58		22 m
16	GS	IRKS	110.35 MHz	10 nm	144.77	3.00	22 ft
				19 km	153.56		22 m
33L	GS	INLL	109.30 MHz	10 nm	324.79	3.00	22 ft
				19 km	333.58		22 m
33R	GS	INRR	108.90 MHz	10 nm	324.79	3.00	23 ft
				19 km	333.58		23 m
34	GS	IRKN	108.10 MHz	10 nm	324.77	3.00	22 ft
				19 km	333.56		22 m



## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.178 E

## METAR

EDDF 231520Z AUTO 24006KT CAVOK 21/11 Q1015 NOSIG

## TAF

TAF TAF EDDF 231100Z 2312/2418 22005KT 9999 FEW030 PROB30 TEMPO 2313/2318 SHRA SCT030CB TEMPO 2400/2410 28002KT R

## Frequencies

REC - 118.02 MHz - ATIS ARRIVAL  
GND - 121.80 MHz - GROUND  
GND - 121.70 MHz - APRON RAMP/TAXI  
GND - 121.85 MHz - APRON RAMP/TAXI  
TWR - 118.77 MHz - TOWER  
TWR - 124.85 MHz - TOWER  
TWR - 136.50 MHz - TOWER  
APP - 127.27 MHz - FRANKFURT DIRECT  
APP - 125.35 MHz - LANGEN RADAR  
APP - 120.80 MHz - LANGEN RADAR  
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE  
GND - 121.65 MHz - APRON RAMP/TAXI  
GND - 121.95 MHz - APRON RAMP/TAXI  
GND - 121.75 MHz - APRON RAMP/TAXI  
TWR - 119.90 MHz - TOWER  
TWR - 127.32 MHz - TOWER  
CLD - 121.90 MHz - CLEARANCE DELIVERY  
APP - 118.50 MHz - FRANKFURT DIRECT  
APP - 126.55 MHz - LANGEN RADAR  
APP - 120.15 MHz - LANGEN RADAR  
APP - 119.02 MHz - LANGEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.38		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.41		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.45		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		0 m	37 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m