

# LIRF

Leonardo da Vinci-Fiumicino

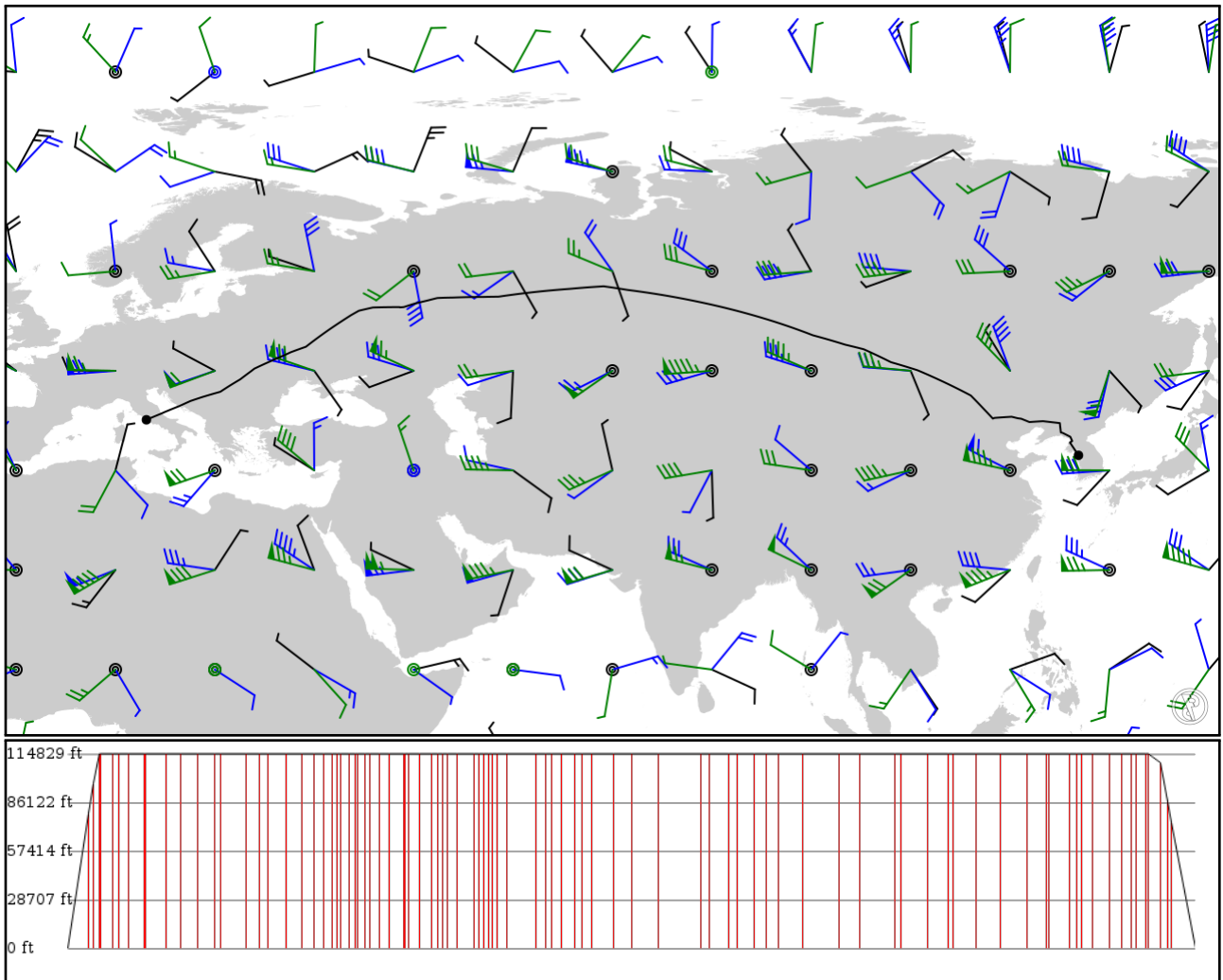
# RKSI

Incheon Intl

2024/05/10 1836Z

LIRF NAVAG L5 INKUB VAPUP UL5 SOMUN UN978 MAVIT P129 KUROK N180 RONIT R119 IN IN3T SF A930 RUSAK  
GINOT W7 OK W114 INGEN G710 OTKER R211 NH A575 UNKIS P982 TR A308 BULAG A575 UDA B339 ASILA POKOR  
W86 KAKAT 4200N11900E UPNAT CHG A575 DHN DHN A575 BIDIB A345 GK W1 SASRI RKSI

5053.77 nm / 9359.59 km



## Notes

Basic altitude profile:

- Ascent Rate: 1800ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 280kts

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
LIRF	-	41.81080	0 ft	-	Leonardo da Vinci-Fiumicino
APT	-	12.25090	0 m	-	
NAVAG	-	42.58030	24,200 ft	94	-
FIX	-	14.09670	7,376 m	-	-
SUTOB	L5	42.76640	29,600 ft	21	-
FIX	AWY-HI	14.50610	9,022 m	-	-
INKUB	L5	42.98690	35,000 ft	26	-
FIX	AWY-HI	15.03780	10,668 m	-	-
VAPUP	-	43.05580	35,000 ft	8	-
FIX	-	15.20560	10,668 m	-	-
SPL	UL5	43.49660	35,000 ft	54	SPLIT
VOR	AWY-HI	16.30470	10,668 m	-	
REMPI	UL5	43.73670	35,000 ft	26	-
FIX	AWY-HI	16.82280	10,668 m	-	-
SOLGU	UL5	44.11580	35,000 ft	42	-
FIX	AWY-HI	17.66140	10,668 m	-	-
SOMUN	UL5	44.59640	35,000 ft	68	-
FIX	AWY-HI	19.10500	10,668 m	-	-
OSNIP	UN978	44.64310	35,000 ft	7	-
FIX	AWY-HI	19.25810	10,668 m	-	-
MAVIT	UN978	45.24000	35,000 ft	94	-
FIX	AWY-HI	21.30830	10,668 m	-	-
VASIS	P129	45.95320	35,000 ft	63	-
FIX	AWY-HI	22.40810	10,668 m	-	-
REBLA	P129	46.76000	35,000 ft	73	-
FIX	AWY-HI	23.74470	10,668 m	-	-
ROMOL	P129	47.73560	35,000 ft	79	-
FIX	AWY-HI	25.04750	10,668 m	-	-
IDKOG	P129	48.07390	35,000 ft	26	-
FIX	AWY-HI	25.48810	10,668 m	-	-
KOROP	P129	49.15000	35,000 ft	113	-
FIX	AWY-HI	27.84500	10,668 m	-	-
UMOGA	P129	49.67530	35,000 ft	57	-
FIX	AWY-HI	29.07530	10,668 m	-	-
BEMBI	P129	50.07470	35,000 ft	40	-
FIX	AWY-HI	29.93310	10,668 m	-	-
KUROS	P129	50.74830	35,000 ft	81	-
FIX	AWY-HI	31.79670	10,668 m	-	-
ELNIK	N180	51.65390	35,000 ft	70	-
FIX	AWY-HI	32.98250	10,668 m	-	-
RONIT	N180	52.32170	35,000 ft	52	-
FIX	AWY-HI	33.89830	10,668 m	-	-
UNIGA	R119	52.85310	35,000 ft	42	-
FIX	AWY-HI	34.65310	10,668 m	-	-
BERUN	R119	53.37470	35,000 ft	41	-
FIX	AWY-HI	35.42140	10,668 m	-	-
ARLAB	R119	53.60940	35,000 ft	18	-
FIX	AWY-HI	35.77440	10,668 m	-	-
OBURI	R119	53.81140	35,000 ft	16	-
FIX	AWY-HI	36.08310	10,668 m	-	-
DINAL	R119	54.27940	35,000 ft	37	-
FIX	AWY-HI	36.80310	10,668 m	-	-
IN	R119	54.60890	35,000 ft	26	SUKHOTINO

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-HI	37.32360	10,668 m		
KUPAR	IN3T	54.78220	35,000 ft	14	-
FIX	AWY-HI	37.62720	10,668 m		
AO	IN3T	55.15280	35,000 ft	31	AKSINYINO
NDB	AWY-HI	38.28860	10,668 m		
NEMOR	IN3T	55.28670	35,000 ft	20	-
FIX	AWY-HI	38.85470	10,668 m		
SF	IN3T	55.54830	35,000 ft	41	CHERUSTI
NDB	AWY-HI	39.99690	10,668 m		
INLOR	A930	55.57810	35,000 ft	42	-
FIX	AWY-HI	41.25030	10,668 m		
RUSAK	A930	55.60000	35,000 ft	68	-
FIX	AWY-HI	43.27470	10,668 m		
GINOT	-	55.56170	35,000 ft	2	-
FIX	-	43.30810	10,668 m		
MB	W7	55.60000	35,000 ft	16	CHERNUKHA
NDB	AWY-HI	43.78140	10,668 m		
OK	W7	56.00000	35,000 ft	48	LYSKOVO
NDB	AWY-HI	45.03140	10,668 m		
OBALI	W114	56.38330	35,000 ft	57	-
FIX	AWY-HI	46.61470	10,668 m		
PEMOT	W114	56.55670	35,000 ft	25	-
FIX	AWY-HI	47.30000	10,668 m		
UPOLA	W114	56.70500	35,000 ft	21	-
FIX	AWY-HI	47.89310	10,668 m		
ROBDU	W114	56.73420	35,000 ft	21	-
FIX	AWY-HI	48.54610	10,668 m		
NURKA	W114	56.76110	35,000 ft	42	-
FIX	AWY-HI	49.82080	10,668 m		
MUROT	W114	56.82690	35,000 ft	77	-
FIX	AWY-HI	52.18170	10,668 m		
MOKNA	W114	56.83330	35,000 ft	24	-
FIX	AWY-HI	52.93330	10,668 m		
INGEN	W114	56.83360	35,000 ft	17	-
FIX	AWY-HI	53.45500	10,668 m		
KOSID	G710	56.85000	35,000 ft	21	-
FIX	AWY-HI	54.11170	10,668 m		
ENIGO	G710	56.85690	35,000 ft	16	-
FIX	AWY-HI	54.60170	10,668 m		
OTKER	G710	56.86690	35,000 ft	25	-
FIX	AWY-HI	55.38830	10,668 m		
KUMEP	R211	57.04030	35,000 ft	41	-
FIX	AWY-HI	56.60670	10,668 m		
ABDIR	R211	57.52190	35,000 ft	133	-
FIX	AWY-HI	60.60670	10,668 m		
NAMOL	R211	57.63690	35,000 ft	38	-
FIX	AWY-HI	61.79670	10,668 m		
AKERA	R211	57.72030	35,000 ft	31	-
FIX	AWY-HI	62.75190	10,668 m		
SALER	R211	57.82860	35,000 ft	44	-
FIX	AWY-HI	64.13860	10,668 m		
ATMES	R211	57.98190	35,000 ft	57	-
FIX	AWY-HI	65.92860	10,668 m		
KULAM	R211	58.05030	35,000 ft	30	-
FIX	AWY-HI	66.86690	10,668 m		
NH	R211	58.14220	35,000 ft	45	TOBOLSK

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-HI	68.27580	10,668 m		
UNKIS	A575	57.70060	35,000 ft	95	-
FIX	AWY-HI	71.16560	10,668 m		
PELEK	P982	57.35720	35,000 ft	82	-
FIX	AWY-HI	73.65560	10,668 m		
NILOK	P982	56.76560	35,000 ft	121	-
FIX	AWY-HI	77.22750	10,668 m		
ABROG	P982	55.66750	35,000 ft	187	-
FIX	AWY-HI	82.47890	10,668 m		
MEMUR	P982	55.40720	35,000 ft	39	-
FIX	AWY-HI	83.54610	10,668 m		
LEKOS	P982	54.78560	35,000 ft	89	-
FIX	AWY-HI	85.91110	10,668 m		
IRKUT	P982	54.51060	35,000 ft	37	-
FIX	AWY-HI	86.89110	10,668 m		
ISANA	P982	53.93560	35,000 ft	75	-
FIX	AWY-HI	88.81110	10,668 m		
SULIG	P982	53.50030	35,000 ft	54	-
FIX	AWY-HI	90.15420	10,668 m		
ODMEL	P982	53.07610	35,000 ft	51	-
FIX	AWY-HI	91.39470	10,668 m		
TR	P982	52.15000	35,000 ft	107	TURAN
NDB	AWY-HI	93.90500	10,668 m		
GINOM	A308	51.00000	35,000 ft	163	-
FIX	AWY-HI	97.86670	10,668 m		
HATGA	A308	50.44030	35,000 ft	92	-
FIX	AWY-HI	100.13400	10,668 m		
BULAG	A308	48.85580	35,000 ft	161	-
FIX	AWY-HI	103.47500	10,668 m		
MODOT	A575	48.67330	35,000 ft	27	-
FIX	AWY-HI	104.10900	10,668 m		
UDA	A575	47.86780	35,000 ft	115	ULAANBAATAR
VOR	AWY-HI	106.73400	10,668 m		
VIZOT	B339	47.01190	35,000 ft	94	-
FIX	AWY-HI	108.69300	10,668 m		
ARGAT	B339	46.82420	35,000 ft	20	-
FIX	AWY-HI	109.10500	10,668 m		
DEGIR	B339	45.83940	35,000 ft	104	-
FIX	AWY-HI	111.18500	10,668 m		
POLHO	B339	44.78330	35,000 ft	107	-
FIX	AWY-HI	113.25000	10,668 m		
ERVEB	B339	43.11170	35,000 ft	122	-
FIX	AWY-HI	114.86300	10,668 m		
ASILA	B339	41.95830	35,000 ft	84	-
FIX	AWY-HI	115.95200	10,668 m		
POKOR	-	42.04330	35,000 ft	10	-
FIX	-	116.14800	10,668 m		
KAKAT	W86	42.18330	35,000 ft	94	-
FIX	AWY-HI	118.25500	10,668 m		
4200N11900E	-	42.00000	35,000 ft	34	-
LATLON	-	119.00000	10,668 m		
UPNAT	-	41.94330	35,000 ft	19	-
FIX	-	119.42500	10,668 m		
CHG	-	41.53670	35,000 ft	51	CHAOYANG
VOR	-	120.43300	10,668 m		
DHN	A575	41.64500	35,000 ft	75	DAHUSHAN

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	122.11500	10,668 m		
DHN	-	41.64170	35,000 ft	0	DAHUSHAN VOR-DME
DME	-	122.11700	10,668 m		
PU	A575	41.50670	35,000 ft	53	DONGYANGJIAO
NDB	AWY-HI	123.29300	10,668 m		
BIDIB	A575	41.40670	35,000 ft	39	-
FIX	AWY-HI	124.16300	10,668 m		
ANSUK	A345	41.04830	35,000 ft	21	-
FIX	AWY-HI	124.19300	10,668 m		
DDG	A345	40.26000	35,000 ft	47	DANDONG VOR-DME
DME	AWY-HI	124.28800	10,668 m		
GOLOT	A345	40.20830	35,000 ft	10	-
FIX	AWY-HI	124.50800	10,668 m		
GASAN	A345	39.73190	33,400 ft	51	-
FIX	AWY-HI	125.44500	10,180 m		
GK	A345	39.21850	26,400 ft	32	PYONGYANG
VOR	AWY-HI	125.67600	8,047 m		
SASRI	W1	39.02610	22,700 ft	17	-
FIX	AWY-HI	125.39500	6,919 m		
RKSI	-	37.46540	0 ft	105	Incheon Intl
APT	-	126.44300	0 m		

## LIRF

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 3

Elevation: 13 ft / 4 m  
Location: 41.810800 12.250900  
Magnetic Var: 3.665 E

## METAR

LIRF 101750Z 19005KT 150V220 CAVOK 21/13 Q1013 NOSIG

## TAF

TAF LIRF 101700Z 1018/1124 20010KT CAVOK BECMG 1100/1102 05006KT BECMG 1108/1110 26012KT BECMG 1116/1118 VRB05KT

## Frequencies

REC - 120.17 MHz - ATIS ARRIVAL	REC - 126.12 MHz - ATIS ARRIVAL
REC - 121.85 MHz - ATIS DEPARTURE	CLD - 121.80 MHz - CLEARANCE DELIVERY
GND - 121.72 MHz - FIUME APRON	GND - 121.67 MHz - FIUME GROUND
GND - 121.90 MHz - FIUME GROUND	GND - 122.12 MHz - FIUME GROUND
TWR - 127.62 MHz - FIUME TOWER	TWR - 123.72 MHz - FIUME TOWER
TWR - 118.70 MHz - FIUME TOWER	DEP - 130.90 MHz - ROMA DEPARTURE
DEP - 131.10 MHz - ROMA DEPARTURE	APP - 127.95 MHz - ROMA ARRIVAL
APP - 125.50 MHz - ROMA ARRIVAL	APP - 119.20 MHz - ROMA DIRECT
APP - 131.25 MHz - ROMA DIRECT	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	10,859 ft	69.68	ASPHALT	1,348 ft	0 ft
	45 m	3,310 m	66.02		411 m	0 m
25	148 ft	10,859 ft	249.71	ASPHALT	0 ft	0 ft
	45 m	3,310 m	246.04		0 m	0 m
16R	197 ft	12,814 ft	162.66	ASPHALT	0 ft	0 ft
	60 m	3,906 m	159.00		0 m	0 m
34L	197 ft	12,814 ft	342.67	ASPHALT	0 ft	0 ft
	60 m	3,906 m	339.01		0 m	0 m
16L	197 ft	12,814 ft	162.68	ASPHALT	0 ft	0 ft
	60 m	3,906 m	159.01		0 m	0 m
34R	197 ft	12,814 ft	342.69	ASPHALT	0 ft	0 ft
	60 m	3,906 m	339.02		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25	DME	FEE	110.15 MHz	25 nm	-	-	25 ft
				46 km	-		25 m
34L	DME	ISW	108.90 MHz	25 nm	-	-	15 ft
				46 km	-		15 m
34R	DME	FSS	111.55 MHz	25 nm	-	-	15 ft
				46 km	-		15 m
16L	LOC-ILS	IFLL	108.10 MHz	18 nm	162.69	-	13 ft
				33 km	159.02		13 m
16R	LOC-ILS	IFRR	109.75 MHz	18 nm	162.67	-	13 ft
				33 km	159.00		13 m
25	LOC-ILS	FEE	110.15 MHz	18 nm	249.69	-	13 ft
				33 km	246.02		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34L	LOC-ILS	IFSW	108.90 MHz	18 nm	342.67	-	13 ft
				33 km	339.00		13 m
34R	LOC-ILS	FSS	111.55 MHz	18 nm	342.69	-	13 ft
				33 km	339.02		13 m
16L	GS	IFLL	108.10 MHz	10 nm	162.69	3.00	13 ft
				19 km	159.02		13 m
16R	GS	IFRR	109.75 MHz	10 nm	162.67	3.00	13 ft
				19 km	159.00		13 m
25	GS	FEE	110.15 MHz	10 nm	249.69	3.00	13 ft
				19 km	246.02		13 m
34L	GS	IFSW	108.90 MHz	10 nm	342.67	3.00	13 ft
				19 km	339.00		13 m
34R	GS	FSS	111.55 MHz	10 nm	342.69	3.00	13 ft
				19 km	339.02		13 m



## RKSI

Region: SOUTH KOREA  
Timezone: UNKNOWN  
Runways: 3

Elevation: 22 ft / 7 m  
Location: 37.465400 126.443000  
Magnetic Var: 8.783 W

## METAR

RKSI 101800Z 14007KT 9999 FEW030 15/12 Q1015 NOSIG

## TAF

TAF RKSI 101700Z 1018/1124 20015G25KT CAVOK TN13/1019Z TX20/1103Z TN10/1121Z BECMG 1022/1024 20020G35KT 9999 FEW030

## 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	333.57		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