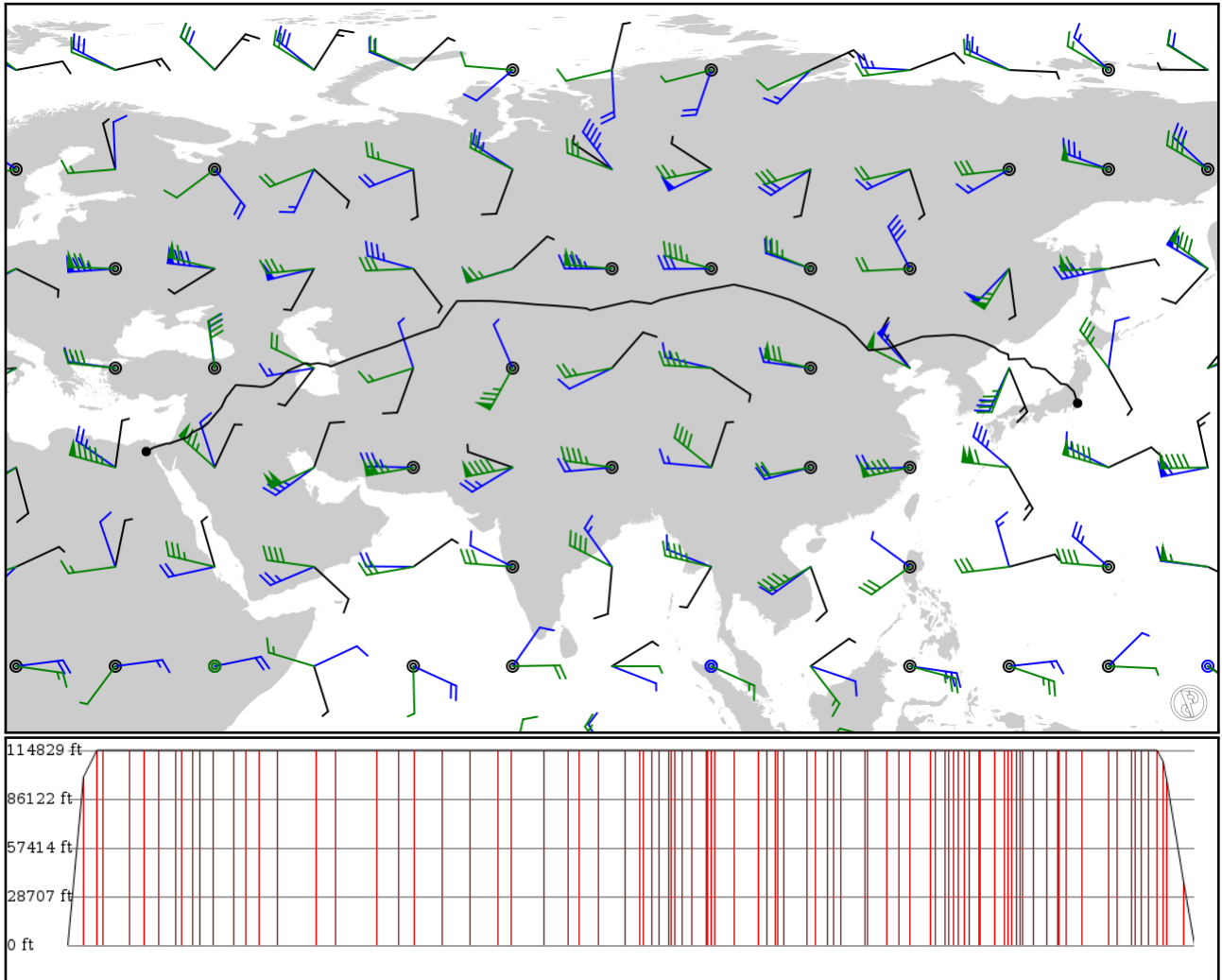


2024/05/15 0530Z

RJAA LAPIS **R211** GTC **R347** EKVIK 4000N13500E NULAR **G346** RASON **G711** RIVAT RORIM SESUR YNJ **W39** BUTID **G341** TGO **B334** KAKAT SALIS **B339** UDA **A575** MU **G588** TEBUS VZ 4700N08500E O **A368** SARIN **G155** DZG **A370** KZO **P121** UTNN **B710** KRS **B143** TUGAR **N644** RODAR **A941** DILON **A911** GYD KARAD **A422** PARSU PAD **A422** UMH **G208** ALRAM **G8** SRT **T333** LESRI **UL573** KML **W7** TAN **A412** QAA AMMIT BSA EGORA **V606** ISMAH HECA

5671.76 nm / 10504.10 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
RJAA APT	-	35.77655 140.38277	0 ft 0 m	-	NARITA INTL
LAPIS FIX	-	37.14033 139.94587	30,200 ft 9,205 m	84	-
GTC VOR	R211 AWY-LO	37.95829 139.11489	35,000 ft 10,668 m	63	NIIGATA VORTAC
NI NDB	R347 AWY-LO	38.06579 138.40986	35,000 ft 10,668 m	33	SADO NDB
EKVIK FIX	R347 AWY-LO	39.74769 136.60520	35,000 ft 10,668 m	131	-
4000N13500E LATLON	-	40.00000 135.00000	35,000 ft 10,668 m	75	-
NULAR FIX	-	40.98667 134.18333	35,000 ft 10,668 m	70	-
RASON FIX	G346 AWY-LO	40.90000 132.30833	35,000 ft 10,668 m	85	-
RIVAT FIX	G711 AWY-LO	41.48333 132.26667	35,000 ft 10,668 m	35	-
RORIM FIX	-	41.84194 131.27750	35,000 ft 10,668 m	49	-
SESUR FIX	-	42.29167 130.69167	35,000 ft 10,668 m	37	-
YNJ VOR	-	42.88333 129.43583	35,000 ft 10,668 m	65	YANJI VOR-DME
BUTID FIX	W39 AWY-LO	43.62333 127.28333	35,000 ft 10,668 m	104	-
LJB VOR	G341 AWY-LO	43.77333 125.85167	35,000 ft 10,668 m	62	WANCHANG VOR-DME
BUTET FIX	G341 AWY-LO	43.68167 124.29667	35,000 ft 10,668 m	67	-
TGO VOR	G341 AWY-LO	43.56000 122.19833	35,000 ft 10,668 m	91	TONGLIAO VOR-DME
KAKAT FIX	B334 AWY-LO	42.18333 118.25500	35,000 ft 10,668 m	192	-
SALIS FIX	-	41.95833 115.95167	35,000 ft 10,668 m	103	-
POLHO FIX	B339 AWY-LO	44.78333 113.25000	35,000 ft 10,668 m	206	-
DEGIR FIX	B339 AWY-LO	45.83958 111.18493	35,000 ft 10,668 m	107	-
ARGAT FIX	B339 AWY-LO	46.60889 109.57972	35,000 ft 10,668 m	81	-
UDA VOR	B339 AWY-LO	47.86775 106.73359	35,000 ft 10,668 m	138	ULAANBAATAR VOR-DME
BU NDB	A575 AWY-LO	48.85425 103.48553	35,000 ft 10,668 m	142	BULGAN NDB
MU NDB	A575 AWY-LO	49.65294 100.17446	35,000 ft 10,668 m	138	MUREN NDB
TOMES FIX	G588 AWY-LO	49.35000 98.58333	35,000 ft 10,668 m	64	-
URGAM FIX	G588 AWY-LO	48.57328 94.49229	35,000 ft 10,668 m	167	-
JA	G588	47.90823	35,000 ft	120	KHOVD NDB

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-LO	91.65533	10,668 m		
TEBUS	G588	47.41833	35,000 ft	56	-
FIX	AWY-LO	90.46167	10,668 m		
VZ	-	47.72000	35,000 ft	94	ALTAY NDB
NDB	-	88.16167	10,668 m		
4700N08500E	-	47.00000	35,000 ft	135	-
LATLON	-	85.00000	10,668 m		
O	-	46.65833	35,000 ft	69	TACHENG NDB
NDB	-	83.37167	10,668 m		
SARIN	A368	46.86500	35,000 ft	23	-
FIX	AWY-LO	82.88833	10,668 m		
GILAK	G155	46.96056	35,000 ft	39	-
FIX	AWY-HI	81.92667	10,668 m		
BURID	G155	47.04278	35,000 ft	37	-
FIX	AWY-HI	81.01417	10,668 m		
GOMAL	G155	47.13583	35,000 ft	47	-
FIX	AWY-HI	79.86389	10,668 m		
BUSAR	G155	47.15667	35,000 ft	11	-
FIX	AWY-HI	79.58444	10,668 m		
AGARO	G155	47.18944	35,000 ft	17	-
FIX	AWY-HI	79.14889	10,668 m		
ORGUK	G155	47.24889	35,000 ft	38	-
FIX	AWY-HI	78.21167	10,668 m		
MADEV	G155	47.31583	35,000 ft	47	-
FIX	AWY-HI	77.05778	10,668 m		
OBARU	G155	47.48806	35,000 ft	75	-
FIX	AWY-HI	75.22000	10,668 m		
DONUR	G155	47.50611	35,000 ft	8	-
FIX	AWY-HI	75.01056	10,668 m		
GIREM	G155	47.53861	35,000 ft	15	-
FIX	AWY-HI	74.61917	10,668 m		
BAGIL	G155	47.57361	35,000 ft	17	-
FIX	AWY-HI	74.17889	10,668 m		
AGAKO	G155	47.73111	35,000 ft	95	-
FIX	AWY-HI	71.82639	10,668 m		
BEDIS	G155	47.73639	35,000 ft	121	-
FIX	AWY-HI	68.82528	10,668 m		
DZG	G155	47.71944	35,000 ft	43	ZHEZKAZGAN VOR-DME
VOR	AWY-HI	67.75917	10,668 m		
DITSO	A370	47.07861	35,000 ft	43	-
FIX	AWY-LO	67.27694	10,668 m		
ATRUS	A370	46.88389	35,000 ft	13	-
FIX	AWY-LO	67.12083	10,668 m		
GORVA	A370	46.41528	35,000 ft	31	-
FIX	AWY-LO	66.78194	10,668 m		
KZO	A370	44.70667	35,000 ft	114	KYZYLORDA VOR-DME
VOR	AWY-LO	65.60000	10,668 m		
BADAS	P121	44.37333	35,000 ft	46	-
FIX	AWY-LO	64.61500	10,668 m		
TIPEN	P121	43.92556	35,000 ft	60	-
FIX	AWY-LO	63.34583	10,668 m		
ADAKA	P121	43.73778	35,000 ft	24	-
FIX	AWY-LO	62.83194	10,668 m		
TIGTA	P121	43.45833	35,000 ft	36	-
FIX	AWY-LO	62.08000	10,668 m		
UTNN	P121	42.48834	35,000 ft	122	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
APT	AWY-LO	59.62333	10,668 m		
GIRAT	B710	42.37667	35,000 ft	16	-
FIX	AWY-LO	59.27833	10,668 m		
GIREK	B710	41.72333	35,000 ft	94	-
FIX	AWY-LO	57.34167	10,668 m		
SUBAR	B710	41.27000	35,000 ft	63	-
FIX	AWY-LO	56.07667	10,668 m		
Begli	B710	40.87500	35,000 ft	53	-
FIX	AWY-LO	55.01500	10,668 m		
KRS	B710	40.08500	35,000 ft	103	TURKMENBASHI VOR-DME
VOR	AWY-LO	53.00000	10,668 m		
TUGAR	B143	40.26333	35,000 ft	21	-
FIX	AWY-LO	52.58833	10,668 m		
RODAR	N644	40.46667	35,000 ft	51	-
FIX	AWY-LO	51.50000	10,668 m		
TITAP	A941	40.40000	35,000 ft	20	-
FIX	AWY-LO	51.05583	10,668 m		
DILON	A941	40.33333	35,000 ft	20	-
FIX	AWY-LO	50.61667	10,668 m		
GVD	A911	40.47236	35,000 ft	27	BAKU VOR-DME
VOR	AWY-LO	50.05069	10,668 m		
KARAD	-	40.23833	35,000 ft	29	-
FIX	-	49.49167	10,668 m		
SUTUN	A422	40.07167	35,000 ft	21	-
FIX	AWY-LO	49.07500	10,668 m		
PARSU	A422	39.63000	35,000 ft	52	-
FIX	AWY-LO	48.08000	10,668 m		
PAD	-	39.57853	35,000 ft	6	PARSABADE MOGHAN NDB
NDB	-	47.96744	10,668 m		
DASDA	A422	38.68611	35,000 ft	73	-
FIX	AWY-HI	46.87972	10,668 m		
TBZ	A422	38.13908	35,000 ft	44	TABRIZ VORTAC
VOR	AWY-HI	46.23089	10,668 m		
SETNA	A422	37.93750	35,000 ft	18	-
FIX	AWY-LO	45.92278	10,668 m		
RABEM	A422	37.81139	35,000 ft	21	-
FIX	AWY-LO	45.49694	10,668 m		
UMH	A422	37.68719	35,000 ft	20	UROMIYEH VOR-DME
VOR	AWY-LO	45.08433	10,668 m		
ALRAM	G208	37.70833	35,000 ft	21	-
FIX	AWY-LO	44.62667	10,668 m		
DERIL	G8	37.73444	35,000 ft	10	-
FIX	AWY-LO	44.41500	10,668 m		
NARLI	G8	37.81556	35,000 ft	55	-
FIX	AWY-LO	43.24972	10,668 m		
SRT	G8	37.90944	35,000 ft	65	SIIRT VOR-DME
VOR	AWY-LO	41.88222	10,668 m		
LESRI	T333	37.07222	35,000 ft	59	-
FIX	AWY-LO	41.23028	10,668 m		
KML	UL573	37.01667	35,000 ft	3	KAMISHLY VOR-DME
VOR	AWY-HI	41.20531	10,668 m		
HAS	W7	36.48289	35,000 ft	38	HASSAKEH NDB
NDB	AWY-LO	40.75456	10,668 m		
DRZ	W7	35.28921	35,000 ft	76	DEIR ZZOR NDB
NDB	AWY-LO	40.18742	10,668 m		
TAN	W7	33.48238	35,000 ft	132	TANF VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	38.65406	10,668 m		
ZELAF	A412	32.94894	35,000 ft	45	-
FIX	AWY-LO	37.99979	10,668 m		
KAMEL	A412	32.33226	35,000 ft	73	-
FIX	AWY-LO	36.73310	10,668 m		
AMRAH	A412	32.12392	35,000 ft	16	-
FIX	AWY-LO	36.53310	10,668 m		
QAA	A412	31.74088	35,000 ft	29	QUEEN ALIA VOR-DME
VOR	AWY-LO	36.15806	10,668 m		
AMMIT	-	31.54060	35,000 ft	38	-
FIX	-	35.43302	10,668 m		
BSA	-	31.28616	35,000 ft	39	BEER-SHEBA VOR
VOR	-	34.72134	10,668 m		
EGORA	-	31.06694	33,000 ft	32	-
FIX	-	34.13500	10,058 m		
ARH	V606	31.07300	29,600 ft	15	EL ARISH VOR-DME
VOR	AWY-LO	33.83186	9,022 m		
ISMAH	V606	30.60000	11,300 ft	85	-
FIX	AWY-LO	32.26833	3,444 m		
HECA	-	30.12181	0 ft	53	Cairo Intl
APT	-	31.40610	0 m		

RJAA

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 2

Elevation: 135 ft / 41 m
Location: 35.777200 140.382000
Magnetic Var: 7.779 W

METAR

RJAA 150500Z 17007KT 9999 FEW040 BKN/// 23/14 Q1014 NOSIG RMK 1CU040 A2996

TAF

TAF TAF RJAA 142312Z 1500/1606 02004KT 9999 FEW030 BECMG 1501/1503 14008KT TEMPO 1512/1515 4000 -RA BR BECMG 1512/

Frequencies

REC - 128.25 MHz - ATIS	TWR - 122.70 MHz - NARITA TOWER
TWR - 126.20 MHz - NARITA TOWER	TWR - 118.35 MHz - NARITA TOWER
TWR - 118.20 MHz - NARITA TOWER	GND - 121.85 MHz - NARITA GROUND
GND - 121.95 MHz - NARITA GROUND	GND - 121.60 MHz - NARITA GROUND
GND - 121.75 MHz - NARITA GROUND	APP - 125.20 MHz - NARITA APPROACH
APP - 124.40 MHz - NARITA APPROACH	APP - 121.27 MHz - NARITA APPROACH
APP - 125.80 MHz - NARITA APPROACH	APP - 127.70 MHz - NARITA APPROACH
DEP - 120.60 MHz - NARITA DEPARTURE	DEP - 127.50 MHz - NARITA DEPARTURE
DEP - 119.60 MHz - NARITA DEPARTURE	DEP - 125.52 MHz - NARITA DEPARTURE
DEP - 124.20 MHz - NARITA DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16R	197 ft	13,146 ft	149.63	ASPHALT	0 ft	407 ft
	60 m	4,007 m	157.41		0 m	124 m
34L	197 ft	13,146 ft	329.64	ASPHALT	0 ft	404 ft
	60 m	4,007 m	337.42		0 m	123 m
16L	197 ft	8,210 ft	149.61	ASPHALT	0 ft	197 ft
	60 m	2,503 m	157.39		0 m	60 m
34R	197 ft	8,210 ft	329.62	ASPHALT	0 ft	0 ft
	60 m	2,503 m	337.40		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	DME	ITM	110.70 MHz	18 nm	-	-	145 ft
				33 km	-		145 m
16R	DME	IKF	111.50 MHz	18 nm	-	-	145 ft
				33 km	-		145 m
34L	DME	IYQ	111.90 MHz	18 nm	-	-	153 ft
				33 km	-		153 m
34R	DME	ITJ	110.90 MHz	18 nm	-	-	148 ft
				33 km	-		148 m
16L	LOC-ILS	ITM	110.70 MHz	18 nm	149.64	-	135 ft
				33 km	157.42		135 m
16R	LOC-ILS	IKF	111.50 MHz	18 nm	149.62	-	135 ft
				33 km	157.40		135 m
34L	LOC-ILS	IYQ	111.90 MHz	18 nm	329.62	-	135 ft
				33 km	337.40		135 m
34R	LOC-ILS	ITJ	110.90 MHz	18 nm	329.64	-	135 ft
				33 km	337.42		135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	GS	ITM	110.70 MHz	10 nm	149.64	3.00	135 ft
				19 km	157.42		135 m
16R	GS	IKF	111.50 MHz	10 nm	149.62	3.00	135 ft
				19 km	157.40		135 m
34L	GS	IYQ	111.90 MHz	10 nm	329.62	3.00	135 ft
				19 km	337.40		135 m
34R	GS	ITJ	110.90 MHz	10 nm	329.64	3.00	135 ft
				19 km	337.42		135 m

HECA

Region: EGYPT
Timezone: AFRICA/CAIRO
Runways: 3

Elevation: 466 ft / 142 m
Location: 30.111400 31.413900
Magnetic Var: 4.952 E

METAR

HECA 150530Z 07003KT CAVOK 20/15 Q1016 NOSIG

TAF

TAF HECA 142300Z 1500/1606 34011KT 9999 FEW025 TEMPO 1500/1507 02004KT 6000 NSC PROB40 1503/1506 4000 BR

Frequencies

REC - 122.60 MHz - ATIS
GND - 121.90 MHz - CAIRO GROUND NORTH
APP - 119.05 MHz - CAIRO APPROACH
GND - 120.40 MHz - CAIRO GROUND SOUTH
TWR - 118.10 MHz - CAIRO TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	197 ft	13,135 ft	49.04	ASPHALT	0 ft	217 ft
	60 m	4,004 m	44.09		0 m	66 m
23L	197 ft	13,135 ft	229.05	ASPHALT	0 ft	226 ft
	60 m	4,004 m	224.10		0 m	69 m
05C	197 ft	13,132 ft	49.04	ASPHALT	0 ft	217 ft
	60 m	4,003 m	44.08		0 m	66 m
23C	197 ft	13,132 ft	229.05	ASPHALT	0 ft	226 ft
	60 m	4,003 m	224.10		0 m	69 m
05L	197 ft	10,840 ft	49.29	ASPHALT	0 ft	184 ft
	60 m	3,304 m	44.34		0 m	56 m
23R	197 ft	10,840 ft	229.30	ASPHALT	0 ft	184 ft
	60 m	3,304 m	224.35		0 m	56 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	CRL	110.90 MHz	18 nm	-	-	230 ft
				33 km	-		230 m
05R	DME	IROT	109.90 MHz	18 nm	-	-	430 ft
				33 km	-		430 m
23L	DME	ILOT	109.50 MHz	18 nm	-	-	420 ft
				33 km	-		420 m
23R	DME	CRR	110.30 MHz	18 nm	-	-	230 ft
				33 km	-		230 m
05L	LOC-ILS	IZFL	110.90 MHz	18 nm	49.30	-	466 ft
				33 km	44.35		466 m
05C	LOC-ILS	IZFC	109.90 MHz	18 nm	49.04	-	466 ft
				33 km	44.09		466 m
05R	LOC-ILS	IZFR	108.90 MHz	18 nm	49.05	-	466 ft
				33 km	44.10		466 m
23L	LOC-ILS	ITTL	108.70 MHz	18 nm	229.05	-	466 ft
				33 km	224.10		466 m
23C	LOC-ILS	ITTC	109.50 MHz	18 nm	229.04	-	466 ft
				33 km	224.09		466 m
23R	LOC-ILS	ITTR	110.30 MHz	18 nm	229.30	-	466 ft

Runway	Type	Ident	Frequency	Range		Bearing (true) (mag)	Slope	Elevation
				33 km				
05L	GS	IZFL	110.90 MHz	10 nm		49.30	3.00	466 ft
				19 km		44.35		466 m
05C	GS	IZFC	109.90 MHz	10 nm		49.04	3.00	466 ft
				19 km		44.09		466 m
05R	GS	IZFR	108.90 MHz	10 nm		49.05	3.00	466 ft
				19 km		44.10		466 m
23L	GS	ITTL	108.70 MHz	10 nm		229.05	3.00	466 ft
				19 km		224.10		466 m
23C	GS	ITTC	109.50 MHz	10 nm		229.04	3.00	466 ft
				19 km		224.09		466 m
23R	GS	ITTR	110.30 MHz	10 nm		229.30	3.00	466 ft
				19 km		224.35		466 m