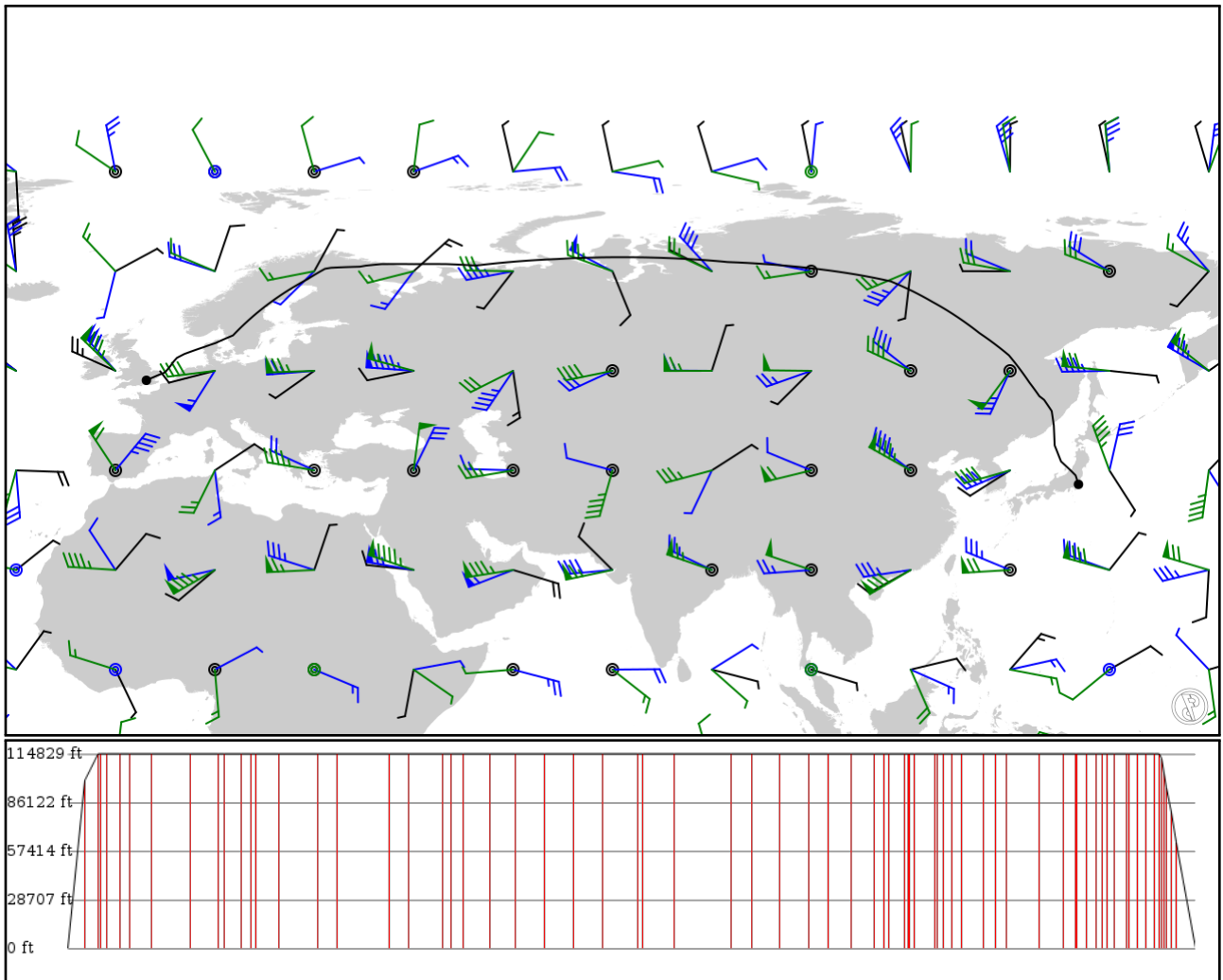


2024/05/10 1212Z

RJAA LAPIS R211 KADBO B451 IGROD B358 LANEP R211 UHHH A333 IVADA B152 ARELI B953 UENN MARSI B953  
UERP B152 BI01 G355 ULDD B954 RINOV 6900N04500E 6900N04000E 6900N03500E ULMH A227 KELEK UM852  
NEGIL UN866 INVOL DETNA UN866 RAM UN581 EVAKI UN866 GOLUM UP144 LARGA UM604 LEDBO UN866 BANEM EGLL

5331.55 nm / 9874.03 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 34000ft
- Cruise Speed: 500kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no

- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
RJAA	-	35.77655	0 ft	-	NARITA INTL
APT	-	140.38277	0 m		
LAPIS	-	37.14033	30,200 ft	84	-
FIX	-	139.94587	9,205 m		
GTC	R211	37.95829	35,000 ft	63	NIIGATA VORTAC
VOR	AWY-HI	139.11489	10,668 m		
BASIN	R211	38.12100	35,000 ft	12	-
FIX	AWY-HI	138.94203	10,668 m		
GTC40	R211	38.46923	35,000 ft	27	-
FIX	AWY-HI	138.57069	10,668 m		
KADBO	R211	39.23611	35,000 ft	60	-
FIX	AWY-HI	137.74679	10,668 m		
HOKKE	B451	40.00268	35,000 ft	48	-
FIX	AWY-HI	137.44178	10,668 m		
IGROD	B451	41.65000	35,000 ft	103	-
FIX	AWY-HI	136.78333	10,668 m		
IKADA	B358	44.66694	35,000 ft	181	-
FIX	AWY-HI	136.65111	10,668 m		
LANEP	B358	46.83361	35,000 ft	130	-
FIX	AWY-HI	136.33444	10,668 m		
SORUS	R211	47.27194	35,000 ft	28	-
FIX	AWY-HI	136.04611	10,668 m		
UHHH	R211	48.52804	35,000 ft	82	NOVY
APT	AWY-HI	135.18836	10,668 m		
IVADA	A333	49.08361	35,000 ft	43	-
FIX	AWY-HI	134.46778	10,668 m		
URIMA	B152	49.48861	35,000 ft	26	-
FIX	AWY-HI	134.18278	10,668 m		
DOMON	B152	51.11694	35,000 ft	108	-
FIX	AWY-HI	132.98444	10,668 m		
RIDLO	B152	53.91028	35,000 ft	183	-
FIX	AWY-HI	130.95278	10,668 m		
ARELI	B152	55.25056	35,000 ft	88	-
FIX	AWY-HI	129.86778	10,668 m		
UEEA	B953	58.60430	35,000 ft	248	Aldan
APT	AWY-HI	125.40964	10,668 m		
RUBIR	B953	59.84222	35,000 ft	89	-
FIX	AWY-HI	123.77778	10,668 m		
SONOL	B953	62.01722	35,000 ft	161	-
FIX	AWY-HI	120.53917	10,668 m		
VANEK	B953	62.58000	35,000 ft	42	-
FIX	AWY-HI	119.60167	10,668 m		
UENN	B953	63.29517	35,000 ft	55	Nyurba
APT	AWY-HI	118.33438	10,668 m		
MARSI	-	64.91333	35,000 ft	125	-
FIX	-	115.32000	10,668 m		
UERP	B953	66.40043	35,000 ft	120	POLIARNY
APT	AWY-HI	112.03032	10,668 m		
SURIN	B152	67.41917	35,000 ft	136	-
FIX	AWY-HI	106.84528	10,668 m		
SAKUR	B152	68.24083	35,000 ft	137	-
FIX	AWY-HI	101.19333	10,668 m		
BEKAL	B152	68.86250	35,000 ft	140	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	94.99944	10,668 m		
U000	B152	69.31105	35,000 ft	166	Alykel
APT	AWY-HI	87.33223	10,668 m		
BI01	B152	69.41667	35,000 ft	24	-
APT	AWY-HI	86.23333	10,668 m		
MISOR	G355	69.87000	35,000 ft	148	-
FIX	AWY-HI	79.26333	10,668 m		
LEPES	G355	69.96389	35,000 ft	269	-
FIX	AWY-HI	66.18444	10,668 m		
ULDD	G355	69.76333	35,000 ft	96	-
APT	AWY-HI	61.56333	10,668 m		
IRDIS	B954	69.39833	35,000 ft	128	-
FIX	AWY-HI	55.50833	10,668 m		
RINOV	B954	68.78528	35,000 ft	137	-
FIX	AWY-HI	49.31389	10,668 m		
6900N04500E	-	69.00000	35,000 ft	94	-
LATLON	-	45.00000	10,668 m		
6900N04000E	-	69.00000	35,000 ft	107	-
LATLON	-	40.00000	10,668 m		
6900N03500E	-	69.00000	35,000 ft	107	-
LATLON	-	35.00000	10,668 m		
ULMM	-	68.78167	35,000 ft	50	Murmansk
APT	-	32.75082	10,668 m		
PELOR	A227	68.61667	35,000 ft	23	-
FIX	AWY-HI	31.78000	10,668 m		
KELEK	A227	68.50333	35,000 ft	73	-
FIX	AWY-HI	28.45833	10,668 m		
SUKIS	UM852	68.46472	35,000 ft	17	-
FIX	AWY-HI	27.66694	10,668 m		
KNS	UM852	68.45400	35,000 ft	4	KAUNIS VOR-DME
VOR	AWY-HI	27.45151	10,668 m		
SUPOX	UM852	68.30306	35,000 ft	22	-
FIX	AWY-HI	26.52972	10,668 m		
ABKUR	UM852	66.96000	35,000 ft	96	-
FIX	AWY-HI	24.24556	10,668 m		
MAGON	UM852	66.73528	35,000 ft	15	-
FIX	AWY-HI	23.89222	10,668 m		
ASKEB	UM852	66.40619	35,000 ft	24	-
FIX	AWY-HI	23.28267	10,668 m		
BESLA	UM852	65.85753	35,000 ft	40	-
FIX	AWY-HI	22.31025	10,668 m		
RISEM	UM852	65.21906	35,000 ft	46	-
FIX	AWY-HI	21.24211	10,668 m		
RASEN	UM852	63.81181	35,000 ft	101	-
FIX	AWY-HI	19.09756	10,668 m		
BAKIL	UM852	62.97222	35,000 ft	59	-
FIX	AWY-HI	17.93678	10,668 m		
DETMO	UM852	62.22975	35,000 ft	51	-
FIX	AWY-HI	16.97428	10,668 m		
MEGEN	UM852	60.01833	35,000 ft	152	-
FIX	AWY-HI	14.40856	10,668 m		
NEGIL	UM852	58.25133	35,000 ft	119	-
FIX	AWY-HI	12.62533	10,668 m		
INVOL	UN866	57.65444	35,000 ft	57	-
FIX	AWY-HI	11.22139	10,668 m		
DETNA	-	57.58761	35,000 ft	6	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	11.06905	10,668 m		
AAL VOR	UN866 AWY-HI	57.10372 9.99558	35,000 ft 10,668 m	45	AALBORG VOR-DME
KEMEG FIX	UN866 AWY-HI	56.72083 8.87250	35,000 ft 10,668 m	43	-
RAM VOR	UN866 AWY-HI	56.47837 8.18736	35,000 ft 10,668 m	26	RAMME VOR-DME
EVAKI FIX	UN581 AWY-HI	56.23944 7.48111	35,000 ft 10,668 m	27	-
AMRAM FIX	UN866 AWY-HI	55.94361 6.63417	35,000 ft 10,668 m	33	-
GOLUM FIX	UN866 AWY-HI	55.45000 5.28333	35,000 ft 10,668 m	54	-
SOPTO FIX	UP144 AWY-HI	55.30556 5.00000	35,000 ft 10,668 m	12	-
LARGA FIX	UP144 AWY-HI	54.86389 4.15333	35,000 ft 10,668 m	39	-
VENAS FIX	UM604 AWY-HI	54.30556 3.65222	35,000 ft 10,668 m	37	-
ROKAN FIX	UM604 AWY-HI	53.66333 3.18889	35,000 ft 10,668 m	41	-
GIVPO FIX	UM604 AWY-HI	53.28611 2.86917	35,000 ft 10,668 m	25	-
OKAMA FIX	UM604 AWY-HI	53.17083 2.77278	34,200 ft 10,424 m	7	-
BEKMO FIX	UM604 AWY-HI	52.98611 2.61944	31,500 ft 9,601 m	12	-
ENITO FIX	UM604 AWY-HI	52.80139 2.46750	28,900 ft 8,809 m	12	-
LEDBO FIX	UM604 AWY-HI	52.54306 2.10222	24,500 ft 7,468 m	20	-
BANEM FIX	UN866 AWY-HI	52.33556 1.50528	19,100 ft 5,822 m	25	-
EGLL APT	- -	51.47122 -0.46098	0 ft 0 m	89	London Heathrow

## RJAA

Region: JAPAN  
Timezone: ASIA/TOKYO  
Runways: 2

Elevation: 135 ft / 41 m  
Location: 35.777200 140.382000  
Magnetic Var: 7.778 W

## METAR

RJAA 101200Z 16006KT CAVOK 14/09 Q1022 NOSIG RMK A3018

## TAF

TAF RJAA 101105Z 1012/1118 17006KT 9999 FEW030

## 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

## EGLL

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 2

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.377 E

## METAR

EGLL 101150Z AUTO 10006KT 050V140 9999 NCD 23/10 Q1023

## TAF

TAF EGLL 101056Z 1012/1118 08006KT CAVOK TEMPO 1103/1108 7000 BKN006 PROB30 TEMPO 1104/1107 4000 BR BKN004

## Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.28		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.33		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		0 m	29 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m