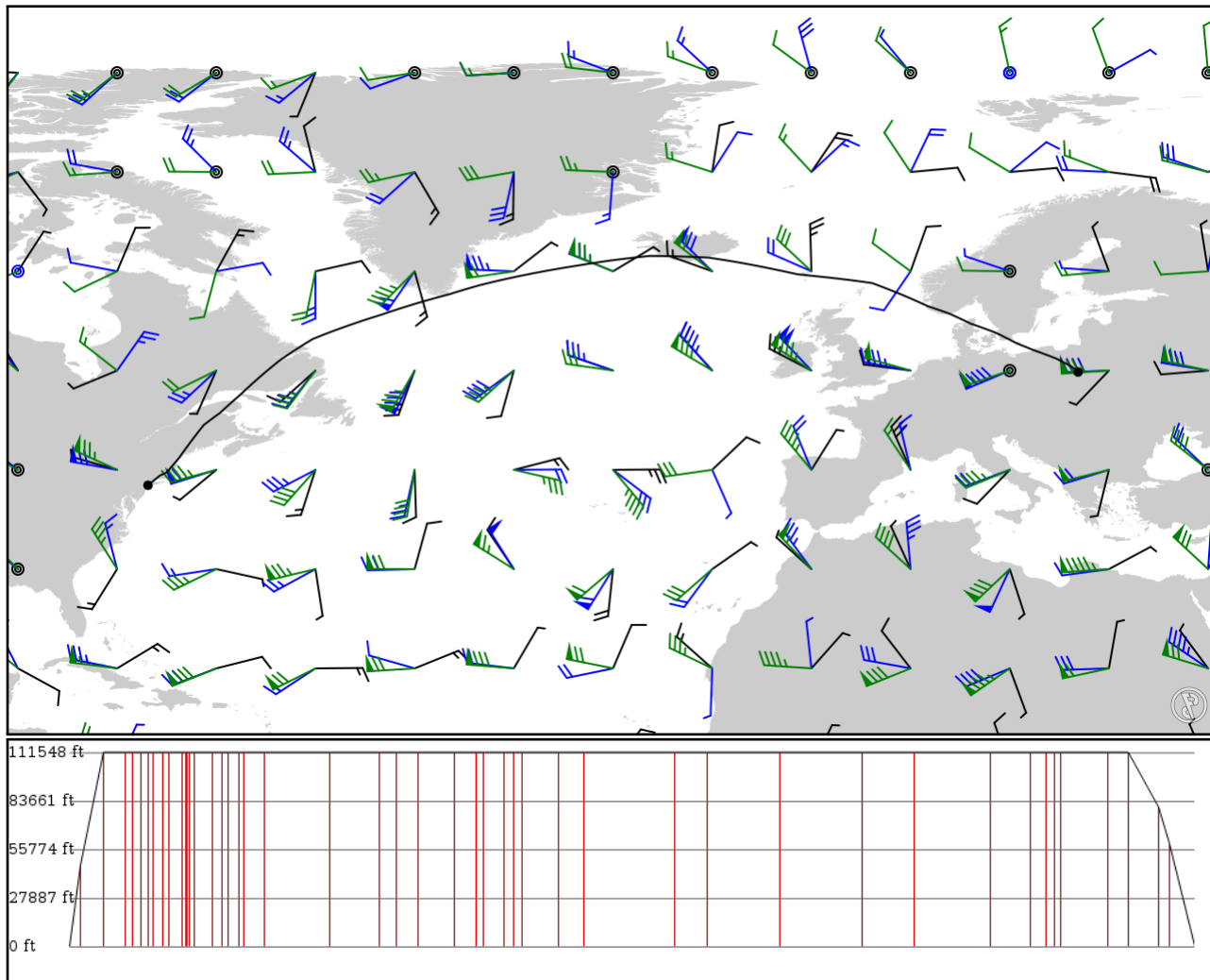


2024/05/09 0453Z

EPWA IDAKO **UN191** GRU **UL621** VALDI **G3** KEF **5E20** YR **J564** PQI **J55** ENE **J581** PUT **J42** HFD KJFK

3788.54 nm / 7016.37 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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EPWA APT	-	52.16509 20.96692	0 ft 0 m	-	WARSZAWA Okecie
IDAKO FIX	-	52.70444 20.32833	14,200 ft 4,328 m	39	-
GRU VOR	UN191 AWY-HI	53.52124 18.78134	34,000 ft 10,363 m	74	GRUDZIADZ VOR-DME
BURAN FIX	UL621 AWY-HI	54.18028 17.02972	34,000 ft 10,363 m	73	-
DAR VOR	UL621 AWY-HI	54.41021 16.38808	34,000 ft 10,363 m	26	DARLOWO VOR-DME
BABIK FIX	UL621 AWY-HI	54.68500 15.71917	34,000 ft 10,363 m	28	-
REDFI FIX	UL621 AWY-HI	54.91667 15.14056	34,000 ft 10,363 m	24	-
ROE VOR	UL621 AWY-HI	55.06558 14.75869	34,000 ft 10,363 m	15	RONNE VOR-DME
ELVIX FIX	UL621 AWY-HI	55.41186 14.09422	34,000 ft 10,363 m	30	-
MAXUM FIX	UL621 AWY-HI	55.66125 13.60400	34,000 ft 10,363 m	22	-
SVD VOR	UL621 AWY-HI	56.16886 12.57378	34,000 ft 10,363 m	46	SVEDA VOR-DME
KULUD FIX	UL621 AWY-HI	56.26056 12.33306	34,000 ft 10,363 m	9	-
ROKAM FIX	UL621 AWY-HI	56.31694 12.18333	34,000 ft 10,363 m	6	-
MADAG FIX	UL621 AWY-HI	56.38056 12.01361	34,000 ft 10,363 m	6	-
NORTI FIX	UL621 AWY-HI	56.52444 11.62556	34,000 ft 10,363 m	15	-
AAL VOR	UL621 AWY-HI	57.10372 9.99558	34,000 ft 10,363 m	63	AALBORG VOR-DME
LAGUM FIX	UL621 AWY-HI	57.45556 9.26833	34,000 ft 10,363 m	31	-
AMSEV FIX	UL621 AWY-HI	57.67528 8.80222	34,000 ft 10,363 m	19	-
SVA VOR	UL621 AWY-HI	58.08450 7.90831	34,000 ft 10,363 m	37	SVENSHEIA VOR-DME
LAREM FIX	UL621 AWY-HI	58.23250 7.50000	34,000 ft 10,363 m	15	-
ZOL VOR	UL621 AWY-HI	58.87506 5.64015	34,000 ft 10,363 m	69	SOLA VOR-DME
VALDI FIX	UL621 AWY-HI	61.21417 0.00000	34,000 ft 10,363 m	219	-
CONNY FIX	G3 AWY-HI	61.90000 -5.58333	34,000 ft 10,363 m	164	-
MY NDB	G3 AWY-HI	62.10694 -7.58778	34,000 ft 10,363 m	57	MYGGENES NDB
LINDA FIX	G3 AWY-HI	62.62167 -10.00000	34,000 ft 10,363 m	73	-
ROSTI FIX	G3 AWY-HI	63.40639 -14.11222	34,000 ft 10,363 m	121	-
ING	G3	63.80306	34,000 ft	71	INGO VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-16.63806	10,363 m		
MIKLA	G3	63.84833	34,000 ft	24	-
FIX	AWY-HI	-17.57417	10,363 m		
SKARD	G3	63.94278	34,000 ft	69	-
FIX	AWY-HI	-20.20500	10,363 m		
METIL	G3	63.97194	34,000 ft	34	-
FIX	AWY-HI	-21.52611	10,363 m		
KEF	G3	63.98681	34,000 ft	28	KEFLAVIK VORTAC
VOR	AWY-HI	-22.61450	10,363 m		
EMBLA	5E20	63.47000	34,000 ft	120	-
FIX	AWY-HI	-26.98167	10,363 m		
6330N	5E20	63.00000	34,000 ft	86	-
FIX	AWY-HI	-30.00000	10,363 m		
6140N	5E20	61.00000	34,000 ft	306	-
FIX	AWY-HI	-40.00000	10,363 m		
OZN	5E20	60.05722	34,000 ft	109	PRINS CHRISTIAN SUND NDB
NDB	AWY-HI	-43.15972	10,363 m		
5850N	5E20	58.00000	34,000 ft	244	-
FIX	AWY-HI	-50.00000	10,363 m		
LOACH	5E20	55.51667	34,000 ft	274	-
FIX	AWY-HI	-57.01667	10,363 m		
YR	5E20	53.33833	34,000 ft	175	GOOSE NDB
NDB	AWY-HI	-60.36667	10,363 m		
PN	J564	49.83756	34,000 ft	258	PORT MENIER NDB
NDB	AWY-HI	-64.38628	10,363 m		
CL	J564	48.00889	34,000 ft	136	CHARLO NDB
NDB	AWY-HI	-66.43694	10,363 m		
TAFFY	J564	47.37338	34,000 ft	51	-
FIX	AWY-HI	-67.30390	10,363 m		
PQI19	J564	47.00922	34,000 ft	29	-
FIX	AWY-HI	-67.78471	10,363 m		
PQI	J564	46.77419	34,000 ft	18	PRESQUE ISLE VOR-DME
DME	AWY-HI	-68.09454	10,363 m		
FRIAR	J55	44.44137	34,000 ft	159	-
FIX	AWY-HI	-69.88455	10,363 m		
ENE	J55	43.42567	34,000 ft	68	KENNEBUNK VORTAC
VOR	AWY-HI	-70.61353	10,363 m		
PUT	J581	41.95547	24,400 ft	103	PUTNAM VOR-DME
VOR	AWY-HI	-71.84408	7,437 m		
HFD	J42	41.64111	18,000 ft	36	HARTFORD VOR-DME
VOR	AWY-HI	-72.54742	5,486 m		
KJFK	-	40.63990	0 ft	81	John F Kennedy Intl
APT	-	-73.77666	0 m		

EPWA

Region: POLAND
Timezone: EUROPE/WARSAW
Runways: 2

Elevation: 362 ft / 110 m
Location: 52.165100 20.967000
Magnetic Var: 6.622 E

METAR

EPWA 090430Z 09005KT 050V120 CAVOK 08/00 Q1026 NOSIG

TAF

TAF EPWA 090230Z 0903/1003 07006KT CAVOK

Frequencies

REC - 120.45 MHz - ATIS	TWR - 118.30 MHz - OKECIE TOWER
GND - 121.90 MHz - OKECIE GROUND	CLD - 121.60 MHz - CLEARANCE DELIVERY
APP - 128.80 MHz - WARSAW APPROACH	APP - 125.05 MHz - WARSAW APPROACH
REC - 118.77 MHz - OLSZTYN INFORMATION	REC - 119.45 MHz - WARSAW INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	164 ft	9,166 ft	114.57	ASPHALT	0 ft	492 ft
	50 m	2,794 m	107.95		0 m	150 m
29	164 ft	9,166 ft	294.60	ASPHALT	1,617 ft	102 ft
	50 m	2,794 m	287.98		493 m	31 m
15	197 ft	12,093 ft	151.80	ASPHALT	0 ft	144 ft
	60 m	3,686 m	145.18		0 m	44 m
33	197 ft	12,093 ft	331.82	ASPHALT	2,159 ft	148 ft
	60 m	3,686 m	325.20		658 m	45 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	WAS	109.90 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
33	DME	WA	110.30 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
11	LOC-ILS	WAS	109.90 MHz	18 nm	114.59	-	362 ft
				33 km	107.97		362 m
33	LOC-ILS	WA	110.30 MHz	18 nm	331.82	-	362 ft
				33 km	325.20		362 m
11	GS	WAS	109.90 MHz	10 nm	114.59	3.00	362 ft
				19 km	107.97		362 m
33	GS	WA	110.30 MHz	10 nm	331.82	3.00	362 ft
				19 km	325.20		362 m

KJFK

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 4

Elevation: 12 ft / 4 m
Location: 40.640100 -73.776500
Magnetic Var: 12.820 W

METAR

KJFK 090351Z 35018G29KT 10SM SCT250 24/07 A2963 RMK A02 PK WND 34029/0350 WSHFT 0254 SLP032 T02390072

TAF

TAF AMD KJFK 090315Z 0903/1006 27007KT P6SM SCT250 FM090330 32010KT P6SM FEW250 FM091200 35010KT P6SM BKN250 FM091800 30010KT P6SM SCT250

Frequencies

REC - 115.40 MHz - D-ATIS
REC - 128.72 MHz - D-ATIS
CLD - 135.05 MHz - CLEARANCE DELIVERY
GND - 121.65 MHz - KENNEDY GROUND
TWR - 123.90 MHz - KENNEDY TOWER
APP - 128.12 MHz - NEW YORK APPROACH
APP - 123.70 MHz - NEW YORK APPROACH
APP - 132.40 MHz - NEW YORK APPROACH
DEP - 135.90 MHz - NEW YORK DEPARTURE
DEP - 124.75 MHz - NEW YORK DEPARTURE

REC - 117.70 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.90 MHz - KENNEDY GROUND
TWR - 119.10 MHz - KENNEDY TOWER
APP - 125.70 MHz - NEW YORK APPROACH
APP - 118.40 MHz - NEW YORK APPROACH
APP - 126.80 MHz - NEW YORK APPROACH
APP - 134.35 MHz - NEW YORK APPROACH
DEP - 123.70 MHz - NEW YORK DEPARTURE
DEP - 134.35 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	200 ft	14,526 ft	120.83	CONCRETE	2,057 ft	390 ft
	61 m	4,428 m	133.65		627 m	119 m
31L	200 ft	14,526 ft	300.86	CONCRETE	3,271 ft	495 ft
	61 m	4,428 m	313.68		997 m	151 m
13L	151 ft	10,010 ft	120.85	CONCRETE	912 ft	387 ft
	46 m	3,051 m	133.67		278 m	118 m
31R	151 ft	10,010 ft	300.87	CONCRETE	1,037 ft	177 ft
	46 m	3,051 m	313.69		316 m	54 m
04R	200 ft	8,407 ft	30.67	ASPHALT	0 ft	440 ft
	61 m	2,562 m	43.49		0 m	134 m
22L	200 ft	8,407 ft	210.68	ASPHALT	0 ft	505 ft
	61 m	2,562 m	223.50		0 m	154 m
04L	200 ft	12,091 ft	30.67	CONCRETE	459 ft	200 ft
	61 m	3,685 m	43.49		140 m	61 m
22R	200 ft	12,091 ft	210.68	CONCRETE	3,425 ft	407 ft
	61 m	3,685 m	223.50		1,044 m	124 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHIQ	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
04R	DME	IJFK	109.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
13L	DME	ITLK	111.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
22L	DME	IIWY	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22R	DME	IJOC	109.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
31R	DME	IRTH	111.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
04L	LOC-ILS	IHIQ	110.90 MHz	18 nm	30.68	-	12 ft
				33 km	43.50		12 m
04R	LOC-ILS	IJFK	109.50 MHz	18 nm	30.67	-	12 ft
				33 km	43.49		12 m
13L	LOC-ILS	ITLK	111.50 MHz	18 nm	120.87	-	12 ft
				33 km	133.69		12 m
22L	LOC-ILS	IIWY	110.90 MHz	18 nm	210.67	-	12 ft
				33 km	223.49		12 m
22R	LOC-ILS	IJOC	109.50 MHz	18 nm	210.68	-	12 ft
				33 km	223.50		12 m
31L	LOC-ILS	IMOH	111.35 MHz	18 nm	300.84	-	12 ft
				33 km	313.66		12 m
31R	LOC-ILS	IRTH	111.50 MHz	18 nm	300.87	-	12 ft
				33 km	313.69		12 m
04L	GS	IHIQ	110.90 MHz	10 nm	30.68	3.00	12 ft
				19 km	43.50		12 m
04R	GS	IJFK	109.50 MHz	10 nm	30.67	3.00	12 ft
				19 km	43.49		12 m
13L	GS	ITLK	111.50 MHz	10 nm	120.87	3.00	12 ft
				19 km	133.69		12 m
22L	GS	IIWY	110.90 MHz	10 nm	210.67	3.00	12 ft
				19 km	223.49		12 m
22R	GS	IJOC	109.50 MHz	10 nm	210.68	3.00	12 ft
				19 km	223.50		12 m
31L	GS	IMOH	111.35 MHz	10 nm	300.84	3.00	12 ft
				19 km	313.66		12 m
31R	GS	IRTH	111.50 MHz	10 nm	300.87	3.00	12 ft
				19 km	313.69		12 m