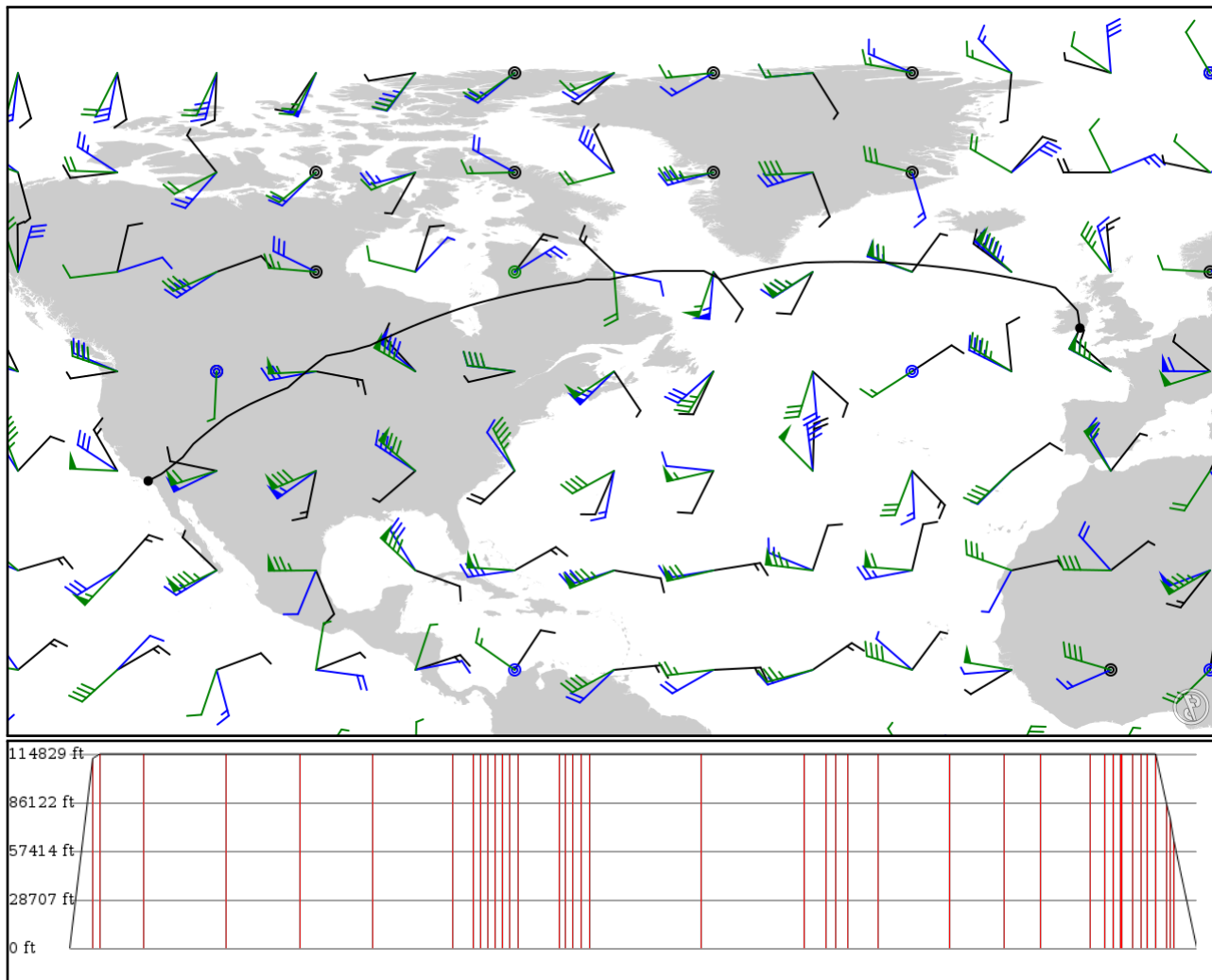


2024/05/16 0042Z

EIWF OLAPO ERNAN GOMUP **B** 58/50 5900N0-5200W 5900N0-5300W 5900N0-5400W 5900N0-5500W 5900N0-5600W
5900N0-5700W TOXIT **N780A** LAKES 5800N0-6400W 5800N0-6500W 5800N0-6600W KLIPS **SCAL** ELVEL YXL **R34**
YHD VBI **J107** BERYL **V21** MMM **V394** SUVIE **J100** DAG **V394** BASAL KLAX

4689.01 nm / 8684.05 km



Notes

Using NAT tracks from 25/5/2019

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
EIWF APT	-	52.18720 -7.08696	0 ft 0 m	-	Waterford
OLAPO FIX	-	53.78030 -7.29461	34,200 ft 10,424 m	95	-
ERNAN FIX	-	54.27890 -7.39278	35,000 ft 10,668 m	30	-
GOMUP FIX	-	57.00000 -10.00000	35,000 ft 10,668 m	185	-
59/20 LATLON	B NAT	59.00000 -20.00000	35,000 ft 10,668 m	339	-
60/30 LATLON	B NAT	60.00000 -30.00000	35,000 ft 10,668 m	310	-
60/40 LATLON	B NAT	60.00000 -40.00000	35,000 ft 10,668 m	300	-
58/50 LATLON	B NAT	58.00000 -50.00000	35,000 ft 10,668 m	331	-
5900N0-5200W LATLON	-	59.00000 -52.00000	35,000 ft 10,668 m	86	-
5900N0-5300W LATLON	-	59.00000 -53.00000	35,000 ft 10,668 m	30	-
5900N0-5400W LATLON	-	59.00000 -54.00000	35,000 ft 10,668 m	30	-
5900N0-5500W LATLON	-	59.00000 -55.00000	35,000 ft 10,668 m	30	-
5900N0-5600W LATLON	-	59.00000 -56.00000	35,000 ft 10,668 m	30	-
5900N0-5700W LATLON	-	59.00000 -57.00000	35,000 ft 10,668 m	30	-
TOXIT FIX	-	58.96670 -58.00000	35,000 ft 10,668 m	31	-
LAKES FIX	N780A AWY-HI	57.99890 -63.26580	35,000 ft 10,668 m	175	-
5800N0-6400W LATLON	-	58.00000 -64.00000	35,000 ft 10,668 m	23	-
5800N0-6500W LATLON	-	58.00000 -65.00000	35,000 ft 10,668 m	31	-
5800N0-6600W LATLON	-	58.00000 -66.00000	35,000 ft 10,668 m	31	-
KLIPS FIX	-	57.70000 -67.00000	35,000 ft 10,668 m	36	-
CHARN FIX	SCAL AWY-HI	54.88970 -80.00000	35,000 ft 10,668 m	464	-
ELVEL FIX	SCAL AWY-HI	51.00000 -90.00000	35,000 ft 10,668 m	430	-
YXL NDB	-	50.11830 -91.89780	35,000 ft 10,668 m	89	SIOUX LOOKOUT
YHD NDB	R34 AWY-LO	49.86440 -92.84920	35,000 ft 10,668 m	39	DRYDEN
VBI VOR	-	49.47690 -94.04670	35,000 ft 10,668 m	52	SIOUX NARROWS
HML VOR	J107 AWY-HI	48.86920 -97.11710	35,000 ft 10,668 m	125	HUMBOLDT
DPR	J107	45.07820	35,000 ft	295	DUPREE

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-101.71500	10,668 m		
DDY	J107	43.09090	35,000 ft	230	MUDDY MOUNTAIN (CASPER)
VOR	AWY-HI	-106.27700	10,668 m		
OCS	J107	41.59020	35,000 ft	151	ROCK SPRINGS
VOR	AWY-HI	-109.01500	10,668 m		
URNW	J107	39.13420	35,000 ft	204	-
FIX	AWY-HI	-112.10400	10,668 m		
MLF	J107	38.36040	35,000 ft	63	MILFORD
VOR	AWY-HI	-113.01300	10,668 m		
BERYL	J107	37.90000	35,000 ft	32	-
FIX	AWY-HI	-113.38600	10,668 m		
URIAH	V21	37.50280	35,000 ft	28	-
FIX	AWY-LO	-113.70300	10,668 m		
HUNKU	V21	37.36500	35,000 ft	9	-
FIX	AWY-LO	-113.81200	10,668 m		
MMM	V21	36.76930	35,000 ft	42	MORMON MESA
VOR	AWY-LO	-114.27700	10,668 m		
SUVIE	V394	36.35940	35,000 ft	35	-
FIX	AWY-LO	-114.80500	10,668 m		
LAS	J100	36.07970	35,000 ft	24	LAS VEGAS
VOR	AWY-HI	-115.16000	10,668 m		
CLARR	J100	35.67570	35,000 ft	35	-
FIX	AWY-HI	-115.68000	10,668 m		
MISEN	J100	35.10230	26,000 ft	49	-
FIX	AWY-HI	-116.40400	7,925 m		
DAG	J100	34.96250	23,400 ft	11	DAGGETT
VOR	AWY-HI	-116.57800	7,132 m		
BASAL	V394	34.75780	19,400 ft	18	-
FIX	AWY-LO	-116.86200	5,913 m		
KLAX	-	33.94320	0 ft	90	Los Angeles Intl
APT	-	-118.40800	0 m		

EIWF

Region: IRELAND
Timezone: EUROPE/DUBLIN
Runways: 1

Elevation: 119 ft / 36 m
Location: 52.187200 -7.086960
Magnetic Var: 2.096 W

METAR

UNKNOWN

TAF

UNKNOWN

Frequencies

REC - 121.15 MHz - WATERFORD ATIS
TWR - 129.85 MHz - WATERFORD TOWER

GND - 121.60 MHz - WATERFORD GROUND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	98 ft	4,696 ft	20.95	ASPHALT	292 ft	0 ft
	30 m	1,431 m	23.04		89 m	0 m
21	98 ft	4,696 ft	200.95	ASPHALT	459 ft	0 ft
	30 m	1,431 m	203.05		140 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
21	DME	IWD	110.90 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
21	LOC-ILS	IWD	110.90 MHz	18 nm	201.10	-	86 ft
				33 km	203.19		86 m
21	GS	IWD	110.90 MHz	10 nm	201.92	3.20	29 ft
				19 km	204.02		29 m

KLAX

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

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.440 E

METAR

KLAX 152353Z 26008KT 10SM FEW020 BKN032 16/12 A2990 RMK A02 SLP125 T01610122 10183 20156 57005

TAF

TAF KLAX 152338Z 1600/1706 25010KT P6SM OVC030 FM160400 26008KT P6SM BKN015 FM160800 VRB03KT 6SM BR OVC015 FM161800

Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.52		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.54		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.51		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.54		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.51		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.53		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.51		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.53		0 m	87 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m