EDDF
Frankfurt am Main

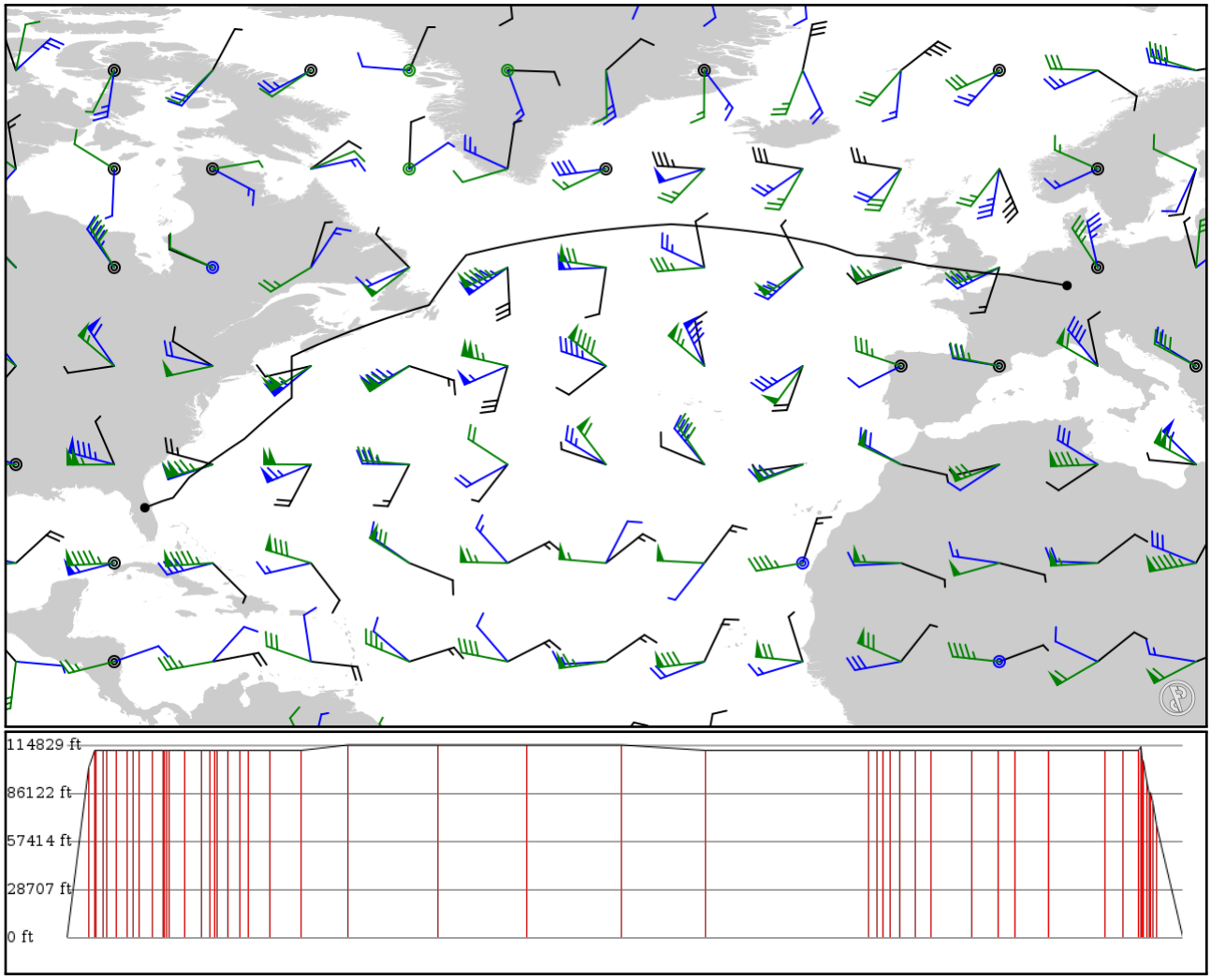
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KMCO
Orlando Intl

2024/03/19 0609Z

EDDF MATUG **UL607** KONAN **UL9** BASET **UL18** DIKAS **UL9** BURAK **UM140** DOGAL **G** +56.000_--30.000 **F** +53.000_--50.000 VIXUN **N61B** BRADD KANNI WHALE VITOL DOVEY JOBOC SLATN **A700** HOBEE **AR6** HIBAC KMCO

4336.09 nm / 8030.43 km



Notes

Using NAT tracks from 25/3/2016

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- 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
EDDF APT	–	50.03260 8.54064	0 ft 0 m	–	Frankfurt am Main
MATUG FIX	–	50.41667 6.36972	30,900 ft 9,418 m	86	–
PELIX FIX	UL607 AWY-HI	50.49694 5.76250	34,000 ft 10,363 m	23	–
SPI VOR	UL607 AWY-HI	50.51472 5.62333	34,000 ft 10,363 m	5	SPRIMONT VOR-DME
REMBA FIX	UL607 AWY-HI	50.66223 4.91403	34,000 ft 10,363 m	28	–
BUPAL FIX	UL607 AWY-HI	50.72306 4.60111	34,000 ft 10,363 m	12	–
FERDI FIX	UL607 AWY-HI	50.91264 3.63696	34,000 ft 10,363 m	38	–
KOK VOR	UL607 AWY-HI	51.09472 2.65167	34,000 ft 10,363 m	38	KOKSY VORTAC
KONAN FIX	UL607 AWY-HI	51.13083 2.00000	34,000 ft 10,363 m	24	–
DVR VOR	UL9 AWY-HI	51.16250 1.35917	34,000 ft 10,363 m	24	DOVER VOR-DME
BIG VOR	UL9 AWY-HI	51.33087 0.03481	34,000 ft 10,363 m	50	BIGGIN VOR-DME
LINDY FIX	UL9 AWY-HI	51.47056 -1.04917	34,000 ft 10,363 m	41	–
NORRY FIX	UL9 AWY-HI	51.47972 -1.12333	34,000 ft 10,363 m	2	–
CPT VOR	UL9 AWY-HI	51.49167 -1.21972	34,000 ft 10,363 m	3	COMPTON VOR-DME
KENET FIX	UL9 AWY-HI	51.52056 -1.45500	34,000 ft 10,363 m	8	–
BASET FIX	UL9 AWY-HI	51.56389 -1.71000	34,000 ft 10,363 m	9	–
DIKAS FIX	UL18 AWY-HI	51.77694 -3.25917	34,000 ft 10,363 m	59	–
STU VOR	UL9 AWY-HI	51.99472 -5.04028	34,000 ft 10,363 m	67	STRUMBLE VOR-DME
SLANY FIX	UL9 AWY-HI	52.15861 -5.84222	34,000 ft 10,363 m	31	–
DIMUS FIX	UL9 AWY-HI	52.23972 -6.25139	34,000 ft 10,363 m	15	–
ROPED FIX	UL9 AWY-HI	52.30833 -6.60472	34,000 ft 10,363 m	13	–
ABAGU FIX	UL9 AWY-HI	52.50333 -7.64667	34,000 ft 10,363 m	39	–
SHA VOR	UL9 AWY-HI	52.72101 -8.88521	34,000 ft 10,363 m	47	SHANNON VOR-DME
UNBEG FIX	UL9 AWY-HI	52.80500 -9.73000	34,000 ft 10,363 m	31	–
BURAK FIX	UL9 AWY-HI	53.00000 -12.00000	34,000 ft 10,363 m	83	–
DOGAL FIX	UM140 AWY-HI	54.00000 -15.00000	34,000 ft 10,363 m	122	–
+55.000_--20.000	G	55.00000	35,000 ft	184	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	NAT	-20.00000	10,668 m		
+56.000_--30.000	G	56.00000	35,000 ft	345	-
LATLON	NAT	-30.00000	10,668 m		
+55.000_--40.000	F	55.00000	35,000 ft	345	-
LATLON	NAT	-40.00000	10,668 m		
+53.000_--50.000	F	53.00000	35,000 ft	372	-
LATLON	NAT	-50.00000	10,668 m		
VIXUN	-	48.13833	34,000 ft	322	-
FIX	-	-53.61333	10,363 m		
BRADD	N61B	43.15000	34,000 ft	635	-
FIX	AWY-HI	-67.00000	10,363 m		
KANNI	-	42.63333	34,000 ft	31	-
FIX	-	-67.00000	10,363 m		
WHALE	-	42.19778	34,000 ft	26	-
FIX	-	-67.00000	10,363 m		
VITOL	-	41.78333	34,000 ft	24	-
FIX	-	-67.00000	10,363 m		
DOVEY	-	41.11667	34,000 ft	40	-
FIX	-	-67.00000	10,363 m		
JOBOC	-	40.11667	34,000 ft	60	-
FIX	-	-67.00000	10,363 m		
SLATN	-	39.11667	34,000 ft	60	-
FIX	-	-67.00000	10,363 m		
CREEQ	A700	37.17207	34,000 ft	160	-
FIX	AWY-HI	-69.31861	10,363 m		
DOWNT	A700	35.91603	34,000 ft	101	-
FIX	AWY-HI	-70.74156	10,363 m		
KATHY	A700	35.12033	34,000 ft	64	-
FIX	AWY-HI	-71.61501	10,363 m		
FAIRR	A700	33.73101	34,000 ft	132	-
FIX	AWY-HI	-73.68487	10,363 m		
JAINS	A700	31.35557	34,000 ft	220	-
FIX	AWY-HI	-77.00004	10,363 m		
CARPS	A700	30.40800	34,000 ft	68	-
FIX	AWY-HI	-77.75017	10,363 m		
CANIT	A700	29.56251	34,000 ft	61	-
FIX	AWY-HI	-78.42585	10,363 m		
ETECK	A700	29.48567	34,700 ft	5	-
FIX	AWY-HI	-78.48727	10,577 m		
ADOOR	A700	29.40008	32,400 ft	6	-
FIX	AWY-HI	-78.55569	9,876 m		
LENDS	A700	29.36594	32,000 ft	6	-
FIX	AWY-HI	-78.67010	9,754 m		
BGDOG	A700	29.29349	28,200 ft	13	-
FIX	AWY-HI	-78.90826	8,595 m		
INDRO	A700	29.23672	26,000 ft	10	-
FIX	AWY-HI	-79.09607	7,925 m		
HOBEE	A700	29.22239	26,300 ft	3	-
FIX	AWY-HI	-79.15125	8,016 m		
HALSS	AR6	29.17037	24,400 ft	9	-
FIX	AWY-HI	-79.31555	7,437 m		
HIBAC	AR6	29.09406	20,400 ft	14	-
FIX	AWY-HI	-79.56796	6,218 m		
KMCO	-	28.42920	0 ft	99	Orlando Intl
APT	-	-81.30678	0 m		

EDDF

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 4

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.155 E

METAR

EDDF 190520Z AUTO 36004KT 2500 0700 R25R/1000U R25C/P2000N R25L/P2000N R18/1900N BCFG BKN003 09/09 Q1018 TEMPO 07

TAF

TAF TAF EDDF 190500Z 1906/2012 03003KT 4000 BCFG BKN005 TEMPO 1906/1908 0300 FG VV001 BECMG 1909/1911 CAVOK TEMPO

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft 45 m	9,194 ft 2,802 m	69.56 66.41	CONCRETE	0 ft 0 m	0 ft 0 m
25R	148 ft 45 m	9,194 ft 2,802 m	249.59 246.44	CONCRETE	0 ft 0 m	0 ft 0 m
07C	197 ft 60 m	13,134 ft 4,003 m	69.57 66.42	ASPHALT	0 ft 0 m	203 ft 62 m
25C	197 ft 60 m	13,134 ft 4,003 m	249.61 246.46	ASPHALT	0 ft 0 m	935 ft 285 m
07R	148 ft 45 m	13,134 ft 4,003 m	69.59 66.43	ASPHALT	0 ft 0 m	213 ft 65 m
25L	148 ft 45 m	13,134 ft 4,003 m	249.63 246.47	ASPHALT	0 ft 0 m	1,775 ft 541 m
18	148 ft 45 m	13,083 ft 3,988 m	179.64 176.48	ASPHALT	0 ft 0 m	0 ft 0 m
36	148 ft 45 m	13,083 ft 3,988 m	359.64 356.48	ASPHALT	0 ft 0 m	121 ft 37 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm 33 km	- -	-	357 ft 357 m
25C	DME	IFCW	111.55 MHz	18 nm 33 km	- -	-	364 ft 364 m
25R	DME	IFNW	111.35 MHz	18 nm 33 km	- -	-	357 ft 357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.44		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.43		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.46		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.44		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.46		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.43		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.44		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.43		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.46		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.44		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.46		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.43		362 m

KMCO

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

Elevation: 96 ft / 29 m
Location: 28.429200 -81.306800
Magnetic Var: 6.982 W

METAR

KMCO 190453Z 31015KT 10SM FEW060 BKN075 BKN090 BKN250 21/14 A2995 RMK AO2 PK WND 29031/0433 SLP139 T02060144 40306

TAF

KMCO 190527Z 1906/2012 33015G24KT P6SM FEW060 BKN100 BKN250 FM191500 02010G15KT P6SM FEW150 FM191900 04010KT P6SM

Frequencies

REC - 120.52 MHz - D-ATIS
CLD - 134.70 MHz - CLEARANCE DELIVERY
GND - 126.40 MHz - ORLANDO GROUND
TWR - 124.30 MHz - ORLANDO TOWER
APP - 119.40 MHz - ORLANDO APPROACH
APP - 124.80 MHz - ORLANDO APPROACH
APP - 123.85 MHz - ORLANDO APPROACH
DEP - 119.40 MHz - ORLANDO DEPARTURE
DEP - 124.80 MHz - ORLANDO DEPARTURE

REC - 121.25 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.80 MHz - ORLANDO GROUND
TWR - 118.45 MHz - ORLANDO TOWER
APP - 120.15 MHz - ORLANDO APPROACH
APP - 135.30 MHz - ORLANDO APPROACH
APP - 134.05 MHz - ORLANDO APPROACH
DEP - 120.15 MHz - ORLANDO DEPARTURE
DEP - 135.30 MHz - ORLANDO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	151 ft 46 m	10,036 ft 3,059 m	179.47 186.45	CONCRETE	0 ft 0 m	404 ft 123 m
35L	151 ft 46 m	10,036 ft 3,059 m	359.47 6.45	CONCRETE	0 ft 0 m	400 ft 122 m
17L	151 ft 46 m	9,028 ft 2,752 m	179.48 186.46	CONCRETE	0 ft 0 m	400 ft 122 m
35R	151 ft 46 m	9,028 ft 2,752 m	359.48 6.46	CONCRETE	0 ft 0 m	404 ft 123 m
18L	200 ft 61 m	12,049 ft 3,673 m	179.46 186.44	CONCRETE	0 ft 0 m	400 ft 122 m
36R	200 ft 61 m	12,049 ft 3,673 m	359.46 6.44	CONCRETE	0 ft 0 m	407 ft 124 m
18R	200 ft 61 m	12,049 ft 3,673 m	179.45 186.44	ASPHALT	0 ft 0 m	909 ft 277 m
36L	200 ft 61 m	12,049 ft 3,673 m	359.45 6.44	ASPHALT	0 ft 0 m	702 ft 214 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IARK	110.95 MHz	18 nm 33 km	- -	-	86 ft 86 m
17R	DME	IDIZ	111.75 MHz	18 nm 33 km	- -	-	86 ft 86 m
18R	DME	ITFE	111.90 MHz	18 nm 33 km	- -	-	86 ft 86 m
35L	DME	IDDO	110.50 MHz	18 nm 33 km	- -	-	100 ft 100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	ICER	111.15 MHz	18 nm 33 km	- -	-	90 ft 90 m
36R	DME	IOJP	110.70 MHz	18 nm 33 km	- -	-	91 ft 91 m
17L	LOC-ILS	IARK	110.95 MHz	18 nm 33 km	179.46 186.44	-	96 ft 96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm 33 km	179.51 186.49	-	96 ft 96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm 33 km	179.50 186.48	-	96 ft 96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm 33 km	359.51 6.49	-	96 ft 96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm 33 km	359.46 6.44	-	96 ft 96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm 33 km	359.50 6.48	-	96 ft 96 m
17L	GS	IARK	110.95 MHz	10 nm 19 km	179.46 186.44	3.00	96 ft 96 m
17R	GS	IDIZ	111.75 MHz	10 nm 19 km	179.51 186.49	3.00	96 ft 96 m
18R	GS	ITFE	111.90 MHz	10 nm 19 km	179.50 186.48	3.00	96 ft 96 m
35L	GS	IDDO	110.50 MHz	10 nm 19 km	359.51 6.49	3.00	96 ft 96 m
35R	GS	ICER	111.15 MHz	10 nm 19 km	359.46 6.44	3.00	96 ft 96 m
36R	GS	IOJP	110.70 MHz	10 nm 19 km	359.50 6.48	3.00	96 ft 96 m