

# KDTW

Detroit Metro International Airport

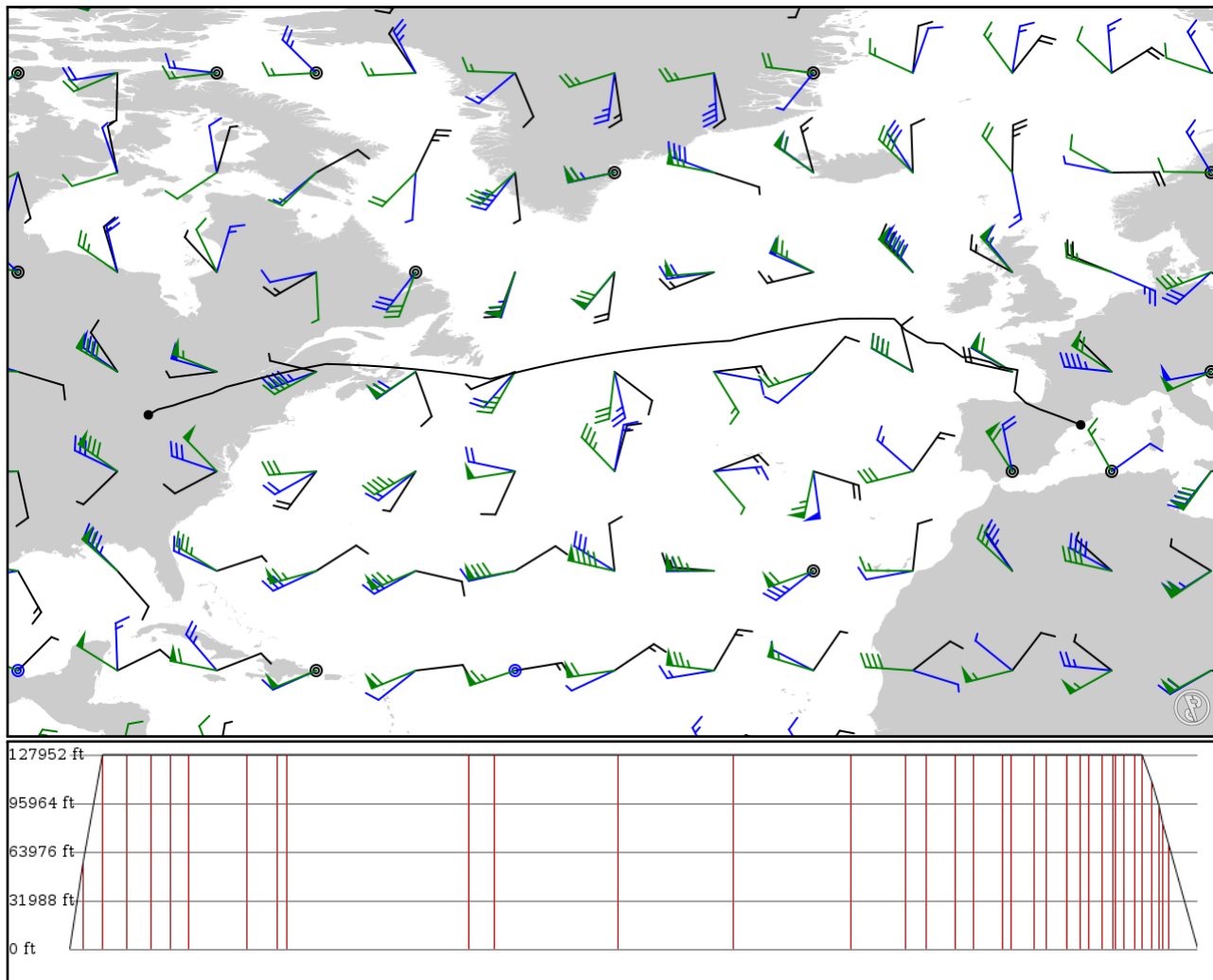
# LEBL

Josep Tarradellas Barcelona-El Prat

2024/06/06 0813Z

KDTW GADAV **Q907** MIILS **N120A** SUPRY **Y** DINIM ATSUR OMOKO TAMEL UMLER **UN734** UMOXA **UN535** XIDAN **UN480**  
KOLEK **UN470** NOVAN **UN864** DELOG **G23** BLV **UM601** POSSY LEBL

3904.43 nm / 7231.00 km



## Notes

Using NAT tracks from 29/4/2022

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- 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
KDTW APT	-	42.21220 -83.35260	0 ft 0 m	-	Detroit Metro International Airport
GADAV FIX	-	42.71040 -82.47960	17,400 ft 5,304 m	-	
DERLO FIX	Q907 AWY-HI	43.06640 -81.09530	39,000 ft 11,887 m	64	-
SIKBO FIX	Q907 AWY-HI	43.65360 -79.34920	39,000 ft 11,887 m	84	-
AGNOB FIX	Q907 AWY-HI	44.20090 -77.50200	39,000 ft 11,887 m	86	-
LORKA FIX	Q907 AWY-HI	44.76910 -76.21660	39,000 ft 11,887 m	64	-
ADVIK FIX	Q907 AWY-HI	45.13440 -74.77580	39,000 ft 11,887 m	65	-
ATENE FIX	Q907 AWY-HI	46.23440 -70.27250	39,000 ft 11,887 m	200	-
IMAMA FIX	Q907 AWY-HI	46.73830 -67.77750	39,000 ft 11,887 m	107	-
MIILS FIX	Q907 AWY-HI	46.87360 -67.04830	39,000 ft 11,887 m	31	-
SUPRY FIX	N120A AWY-HI	45.50000 -52.00000	39,000 ft 11,887 m	630	-
46/50 LATLON	Y NAT	46.00000 -50.00000	39,000 ft 11,887 m	89	-
48/40 LATLON	Y NAT	48.00000 -40.00000	39,000 ft 11,887 m	426	-
49/30 LATLON	Y NAT	49.00000 -30.00000	39,000 ft 11,887 m	402	-
51/20 LATLON	Y NAT	51.00000 -20.00000	39,000 ft 11,887 m	403	-
DINIM FIX	Y NAT	51.00000 -15.00000	39,000 ft 11,887 m	188	-
ATSUR FIX	- -	50.00000 -14.00000	39,000 ft 11,887 m	71	-
OMOKO FIX	- -	48.83890 -12.00000	39,000 ft 11,887 m	104	-
TAMEL FIX	- -	48.72860 -10.49720	39,000 ft 11,887 m	59	-
UMLER FIX	- -	47.50000 -8.75000	39,000 ft 11,887 m	101	-
UMOXA FIX	UN734 AWY-HI	47.50000 -8.00000	39,000 ft 11,887 m	30	-
XIDAN FIX	UN535 AWY-HI	47.04530 -6.21833	39,000 ft 11,887 m	77	-
KOLEK FIX	UN480 AWY-HI	46.61280 -5.40806	39,000 ft 11,887 m	42	-
NOVAN FIX	UN470 AWY-HI	46.32220 -3.69917	39,000 ft 11,887 m	72	-
INBAB FIX	UN864 AWY-HI	45.57360 -3.81000	39,000 ft 11,887 m	45	-
PEPET FIX	UN864 AWY-HI	45.08420 -3.86722	39,000 ft 11,887 m	29	-
DELOG	UN864	44.32890	39,000 ft	45	-

Ident Type	Via		Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-3.98750	11,887 m			
XORNA	G23	43.81240	39,000 ft	38	-	
FIX	AWY-LO	-3.45161	11,887 m			
DOSUL	G23	43.68060	39,000 ft	9	-	
FIX	AWY-LO	-3.31667	11,887 m			
BLV	G23	43.30440	39,000 ft	28	BILBAO	
VOR	AWY-LO	-2.93589	11,887 m			
CEGAM	UM601	42.98370	39,000 ft	36	-	
FIX	AWY-HI	-2.23636	11,887 m			
PPN	UM601	42.73370	39,000 ft	27	PAMPLONA	
VOR	AWY-HI	-1.70200	11,887 m			
RONKO	UM601	42.49600	33,600 ft	32	-	
FIX	AWY-HI	-1.03067	10,241 m			
SURCO	UM601	42.32880	28,700 ft	22	-	
FIX	AWY-HI	-0.56794	8,748 m			
MARIO	UM601	42.21020	25,200 ft	16	-	
FIX	AWY-HI	-0.24411	7,681 m			
POSSY	UM601	42.06130	21,000 ft	19	-	
FIX	AWY-HI	0.15717	6,401 m			
LEBL	-	41.29510	0 ft	98	Josep Tarradellas Barcelona-El Prat	
APT	-	2.08803	0 m			

## KDTW

Region: UNITED STATES  
Timezone: AMERICA/DETROIT  
Runways: 6

Elevation: 645 ft / 197 m  
Location: 42.212200 -83.352600  
Magnetic Var: 7.493 W

## METAR

KDTW 060753Z 26004KT 10SM FEW045 BKN080 OVC180 17/14 A2958 RMK A02 SLP015 T01720139

## TAF

TAF KDTW 060520Z 0606/0712 26006KT P6SM SCT080 BKN150 TEMPO 0609/0612 6SM -SHRA BKN080 OVC150 FM061400 27014G22KT

## Frequencies

REC - 118.12 MHz - ATIS	REC - 133.67 MHz - ATIS
COM - 122.95 MHz - UNICOM	CLD - 120.65 MHz - CLEARANCE DELIVERY
GND - 119.25 MHz - METRO GROUND	GND - 119.45 MHz - METRO GROUND
GND - 121.80 MHz - METRO GROUND	GND - 132.72 MHz - METRO GROUND
TWR - 118.40 MHz - METRO TOWER	TWR - 128.12 MHz - METRO TOWER
TWR - 128.75 MHz - METRO TOWER	TWR - 135.00 MHz - METRO TOWER
APP - 124.05 MHz - DETROIT APPROACH	APP - 125.15 MHz - DETROIT APPROACH
DEP - 118.95 MHz - DETROIT DEPARTURE	DEP - 125.52 MHz - DETROIT DEPARTURE
DEP - 132.02 MHz - DETROIT DEPARTURE	DEP - 134.30 MHz - DETROIT DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04R	200 ft	12,011 ft	28.61	CONCRETE	512 ft	397 ft
	61 m	3,661 m	36.11		156 m	121 m
22L	200 ft	12,011 ft	208.63	CONCRETE	0 ft	433 ft
	61 m	3,661 m	216.12		0 m	132 m
03R	151 ft	10,005 ft	28.61	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.10		0 m	122 m
21L	151 ft	10,005 ft	208.62	CONCRETE	0 ft	400 ft
	46 m	3,049 m	216.12		0 m	122 m
04L	151 ft	10,003 ft	28.58	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.07		0 m	122 m
22R	151 ft	10,003 ft	208.59	CONCRETE	0 ft	400 ft
	46 m	3,049 m	216.09		0 m	122 m
09L	151 ft	8,687 ft	88.70	CONCRETE	0 ft	400 ft
	46 m	2,648 m	96.20		0 m	122 m
27R	151 ft	8,687 ft	268.72	CONCRETE	0 ft	400 ft
	46 m	2,648 m	276.22		0 m	122 m
03L	150 ft	8,505 ft	28.62	CONCRETE	0 ft	400 ft
	46 m	2,592 m	36.12		0 m	122 m
21R	150 ft	8,505 ft	208.63	CONCRETE	0 ft	397 ft
	46 m	2,592 m	216.13		0 m	121 m
09R	151 ft	8,480 ft	88.71	CONCRETE	0 ft	400 ft
	46 m	2,585 m	96.20		0 m	122 m
27L	151 ft	8,480 ft	268.73	CONCRETE	0 ft	400 ft
	46 m	2,585 m	276.22		0 m	122 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
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Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHJT	111.95 MHz	18 nm	-	-	650 ft
				33 km	-		650 m
04R	DME	IDTW	110.70 MHz	18 nm	-	-	650 ft
				33 km	-		650 m
22L	DME	IDWC	110.70 MHz	18 nm	-	-	646 ft
				33 km	-		646 m
03R	LOC-ILS	IHUU	111.50 MHz	18 nm	28.62	-	645 ft
				33 km	36.11		645 m
04L	LOC-ILS	IHJT	111.95 MHz	18 nm	28.59	-	645 ft
				33 km	36.08		645 m
04R	LOC-ILS	IDTW	110.70 MHz	18 nm	28.63	-	645 ft
				33 km	36.12		645 m
21L	LOC-ILS	IEJR	111.50 MHz	18 nm	208.62	-	645 ft
				33 km	216.11		645 m
22L	LOC-ILS	IDWC	110.70 MHz	18 nm	208.63	-	645 ft
				33 km	216.12		645 m
22R	LOC-ILS	IJKI	111.95 MHz	18 nm	208.59	-	645 ft
				33 km	216.08		645 m
27L	LOC-ILS	IEPA	110.15 MHz	18 nm	268.72	-	645 ft
				33 km	276.21		645 m
27R	LOC-ILS	IDMI	108.50 MHz	18 nm	268.71	-	645 ft
				33 km	276.20		645 m
22R	LOC-LOC	IJKI	111.95 MHz	18 nm	208.59	-	645 ft
				33 km	216.09		645 m
03R	GS	IHUU	111.50 MHz	10 nm	28.62	3.00	645 ft
				19 km	36.11		645 m
04L	GS	IHJT	111.95 MHz	10 nm	28.59	3.00	645 ft
				19 km	36.08		645 m
04R	GS	IDTW	110.70 MHz	10 nm	28.63	3.00	645 ft
				19 km	36.12		645 m
21L	GS	IEJR	111.50 MHz	10 nm	208.62	3.00	645 ft
				19 km	216.11		645 m
22L	GS	IDWC	110.70 MHz	10 nm	208.63	2.85	645 ft
				19 km	216.12		645 m
22R	GS	IJKI	111.95 MHz	10 nm	208.59	3.00	645 ft
				19 km	216.08		645 m
27L	GS	IEPA	110.15 MHz	10 nm	268.72	3.00	645 ft
				19 km	276.21		645 m
27R	GS	IDMI	108.50 MHz	10 nm	268.71	3.00	645 ft
				19 km	276.20		645 m

## LEBL

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 3

Elevation: 14 ft / 4 m  
Location: 41.295100 2.088030  
Magnetic Var: 1.549 E

## METAR

LEBL 060800Z 21007KT 170V240 CAVOK 23/17 Q1018 NOSIG

## TAF

TAF LEBL 060500Z 0606/0706 33005KT 9999 FEW010 SCT015 TX26/0612Z TN18/0606Z BECMG 0606/0608 22010KT BECMG 0619/06

## Frequencies

REC - 121.97 MHz - ATIS	REC - 118.65 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER	TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER	TWR - 122.10 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND	GND - 121.70 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND	CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 121.15 MHz - BARCELONA APPROACH	APP - 119.10 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH	APP - 133.97 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH	APP - 127.70 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH	APP - 124.70 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	8,307 ft	18.91	ASPHALT	0 ft	0 ft
	45 m	2,532 m	17.36		0 m	0 m
20	148 ft	8,307 ft	198.92	ASPHALT	0 ft	226 ft
	45 m	2,532 m	197.37		0 m	69 m
07R	197 ft	8,722 ft	65.48	ASPHALT	0 ft	0 ft
	60 m	2,658 m	63.93		0 m	0 m
25L	197 ft	8,722 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	2,658 m	243.95		0 m	0 m
07L	197 ft	10,984 ft	65.48	ASPHALT	1,401 ft	0 ft
	60 m	3,348 m	63.93		427 m	0 m
25R	197 ft	10,984 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	3,348 m	243.96		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm	-	-	12 ft
				46 km	-		12 m
07L	DME	QAA	110.30 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
07R	DME	BLE	110.75 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25L	DME	BLW	111.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
25R	DME	BCA	109.50 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm	18.92	-	14 ft
				33 km	17.37		14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm	65.50	-	14 ft
				33 km	63.95		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.95		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.95		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.95		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.37		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.95		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.95		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.95		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.95		14 m