

KDTW

Detroit Metro Wayne Co

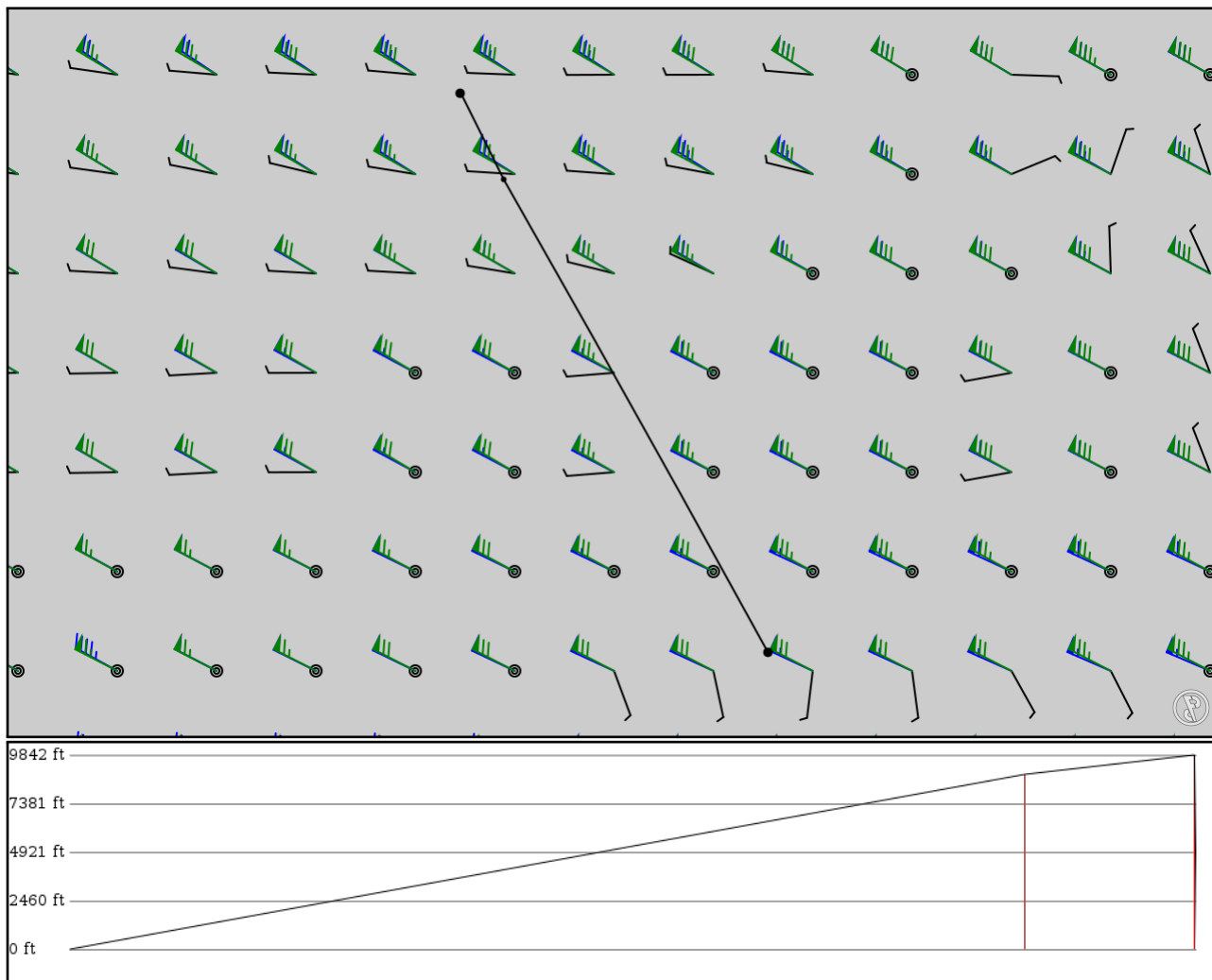
KMBS

MBS Int'l

2024/04/27 0647Z

KDTW FLIPE V133 MBS KMBS

85.56 nm / 158.46 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

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	-	42.21220	0 ft	-	Detroit Metro Wayne Co
APT	-	-83.35259	0 m		
FLIPE	-	43.32937	2,700 ft	72	-
FIX	-	-83.97686	823 m		
MBS	V133	43.53167	3,000 ft	12	SAGINAW VOR-DME
VOR	AWY-LO	-84.07731	914 m		
KMBS	-	43.53272	0 ft	0	MBS Intl
APT	-	-84.07979	0 m		

KDTW

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

Elevation: 645 ft / 197 m
Location: 42.212200 -83.352600
Magnetic Var: 7.490 W

METAR

KDTW 270553Z 13004KT 9SM BKN045 BKN075 OVC120 12/07 A3006 RMK AO2 RAE28 SLP178 P0000 60000 T01220067 10139 20117 5

TAF

TAF KDTW 270520Z 2706/2812 14012KT P6SM -SHRA SCT045 OVC060 FM270900 17013G22KT P6SM -SHRA BKN022 OVC040 FM271500

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	36.10		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	216.11		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	216.08		0 m	122 m
09L	151 ft	8,687 ft	88.70	CONCRETE	0 ft	400 ft
	46 m	2,648 m	96.19		0 m	122 m
27R	151 ft	8,687 ft	268.72	CONCRETE	0 ft	400 ft
	46 m	2,648 m	276.21		0 m	122 m
03L	150 ft	8,505 ft	28.62	CONCRETE	0 ft	400 ft
	46 m	2,592 m	36.11		0 m	122 m
21R	150 ft	8,505 ft	208.63	CONCRETE	0 ft	397 ft
	46 m	2,592 m	216.12		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	216.08		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

KMBS

Region: UNITED STATES
Timezone: AMERICA/DETROIT
Runways: 2

Elevation: 666 ft / 203 m
Location: 43.532700 -84.079800
Magnetic Var: 7.194 W

METAR

KMBS 270553Z AUTO 11009KT 10SM SCT055 OVC090 12/06 A3002 RMK A02 RAE23 SLP167 P0000 60001 T01170061 10161 20111 58

TAF

TAF KMBS 270520Z 2706/2806 15014KT P6SM -SHRA SCT045 OVC060 FM270900 17013G22KT P6SM -SHRA BKN014 OVC040 TEMPO 270

Frequencies

COM - 120.10 MHz - CTAF
CLD - 121.85 MHz - CLNC DEL
TWR - 120.10 MHz - SAGINAW TWR
APP - 126.45 MHz - SAGINAW APP/DEP
COM - 122.95 MHz - UNICOM
GND - 121.70 MHz -
APP - 120.95 MHz - SAGINAW APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	151 ft	7,995 ft	45.51	ASPHALT	0 ft	95 ft
	46 m	2,437 m	52.71		0 m	29 m
23	151 ft	7,995 ft	225.53	ASPHALT	0 ft	203 ft
	46 m	2,437 m	232.72		0 m	62 m
14	151 ft	6,396 ft	135.71	ASPHALT	0 ft	203 ft
	46 m	1,950 m	142.90		0 m	62 m
32	151 ft	6,396 ft	315.72	ASPHALT	0 ft	197 ft
	46 m	1,950 m	322.92		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	IMBS	108.70 MHz	18 nm	45.52	-	666 ft
				33 km	52.71		666 m
23	LOC-ILS	ITQR	108.70 MHz	18 nm	225.52	-	666 ft
				33 km	232.71		666 m
05	GS	IMBS	108.70 MHz	10 nm	45.52	2.75	666 ft
				19 km	52.71		666 m
23	GS	ITQR	108.70 MHz	10 nm	225.52	3.00	666 ft
				19 km	232.71		666 m