

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> DETROIT METROPOLITAN WAYNE COUNTY	<u>AIRPORT ID</u> KDTW	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4R ILS RWY 4R SA CAT I, ILS RWY 4R CAT II, ILS RWY 4R CAT III	<u>ORIGINAL/AMENDMENT</u> 19A	<u>CITY</u> DETROIT	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 645	<u>TDZE</u> 640	<u>SUPERSEDED</u> ILS OR LOC RWY 4R ILS RWY 4R SA CAT I, ILS RWY 4R CAT II, ILS RWY 4R CAT III	<u>ORIGINAL/AMENDMENT</u> 19	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7W
<u>FACILITY</u> I-DTW	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CLEVR	IAF	BAANG/RADAR		TF	FB	1.00	091.35	5.00	8000
CAATZ	IAF	ELDNN		TF	FB	1.00	271.88	4.45	8000
BAANG/25.03 DME/RADAR	IAF	JULEP/I-DTW 21.90 DME/RADAR				1.00	035.69	3.14 (I-DTW)	7000
ELDNN		BAANG/RADAR		TF	FB	1.00	328.34	5.15	8000
JULEP/I-DTW 21.90 DME/RADAR		CULOP/I-DTW 18.75 DME/RADAR					035.69	3.14 (I-DTW)	6000
CULOP/I-DTW 18.75 DME/RADAR		HIMEX/I-DTW 15.61 DME/RADAR					035.69	3.14 (I-DTW)	5000
HIMEX/I-DTW 15.61 DME/RADAR		EVABE/I-DTW 12.46 DME/RADAR					035.69	3.14 (I-DTW)	4000
EVABE/I-DTW 12.46 DME/RADAR		JELLY/I-DTW 9.32 DME/RADAR					035.69	3.14 (I-DTW)	3000
JELLY/I-DTW 9.32 DME/RADAR	IF	ETALE/I-DTW 6.17 DME/RADAR					035.69	3.15 (I-DTW)	2000

MISSED APPROACH

MAP:

ILS: DA
 LOC: I-DTW 2.06 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON DXO VOR/DME R-035 TO LUPAY/DXO VOR/DME/15.56 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB ON HEADING 036 TO 4000 THEN LEFT TURN ON HEADING 340 ON SVM VORTAC R-057 TO PERLS/SVM 17.87 DME. (DME REQUIRED)



AIRPORT DETROIT METROPOLITAN WAYNE COUNTY	AIRPORT ID KDTW	PROCEDURE NAME ILS OR LOC RWY 4R ILS RWY 4R SA CAT I, ILS RWY 4R CAT II, ILS RWY 4R CAT III	ORIGINAL/AMENDMENT 19A	CITY DETROIT	STATE MI
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PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)
2. PROFILE STARTS AT BAANG				
3. FAC:	035.69	FAF: ETALE/I-DTW 6.17 DME/RADAR	DIST FAF TO MAP:	DIST FAF TO THLD: 4.11
4. MIN ALT:	BAANG/RADAR 8000, JULEP/I-DTW 21.90 DME/RADAR 7000, CULOP/I-DTW 18.75 DME/RADAR 6000, HIMEX/I-DTW 15.61 DME/RADAR 5000, EVABE/I-DTW 12.46 DME/RADAR 4000, JELLY/I-DTW 9.32 DME/RADAR 3000, ETALE/I-DTW 6.17 DME/RADAR 2000			
5. DIST TO THLD FROM OM:	MM:	IM: 949	100 HAT: 939.00	150 HAT: 1893.00 GS ANT: 980
6. MIN GS INCPT: 2000	GS ALT AT FAF : ETALE/I-DTW 6.17 DME/RADAR 2000		OM:	MM: IM: 765
7. GP ANGLE: 3.00	34:1:	20:1:	TCH: 52.3	
8. MSA FROM: DXO VOR/DME 2800				

EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-GPS.
CLEVR, CAATZ AND ELDNN: RNAV 1-DME/DME/IRU OR GPS REQUIRED. AIRCRAFT NOT DME/DME/IRU OR GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4R: CAT A, B, C, D RA 154, RVR 1400, HAT 150, DA 790 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4R: CAT A, B, C, D RA 104, RVR 1200, HAT 100, DA 740 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4R: CAT A, B, C, D RVR 600
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4R CAT C/D VISIBILITY TO RVR 6000.
CHART SPEED ICON IN PLANVIEW AT CLEVR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT CAATZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART AT OR ABOVE 8000 AT CLEVR.
CHART MANDATORY 9000 AT CAATZ.
CHART LOC RWY 3R/4L
CHART IN PLANVIEW: PERLS/SVM 17.87 DME
CHART VDP AT 3.15 DME*
DISTANCE VDP TO THLD 1.10 NM
* LOC ONLY
CHART FAS OBST: 784 TOWER 421004N/0832342W.
840 AAO 420911N/0832513W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE PERLS/SVM 17.87 DME, RT, 237.10 INBOUND.
HOLD NE, RT, 215.18 INBOUND
LTP HAE: 159.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD



AIRPORT
DETROIT METROPOLITAN WAYNE
COUNTY

AIRPORT ID
KDTW

PROCEDURE NAME
ILS OR LOC RWY 4R
ILS RWY 4R SA CAT I,
ILS RWY 4R CAT II,
ILS RWY 4R CAT III

ORIGINAL/AMENDMENT
19A

CITY
DETROIT

STATE
MI

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 04R	840	1800	200	840	1800	200	840	1800	200	840	1800	200			
S-LOC 04R	1040	2400	400	1040	2400	400	1040	3500	400	1040	3500	400			
CIRCLING	1180	1	535	1180	1	535	1180	1 1/2	535	1240	2	595			

CHANGES - REASONS

1. S-LOC 4R C/D VISIBILITY RAISED FROM RVR 2400 TO RVR 3500. - CAT C/D VISIBILITY BASED ON NEW VISIBILITY TABLE.
2. ALL REFERENCES OF "INT" FOR PERLS HAVE BEEN REMOVED. - FACILITY UTILIZED TO CREATE THE INTERSECTION HAS BEEN REMOVED VIA VORMON.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** DTW ATCT, ZOB, AMGR, ST AERO, DTW APP CON, ATA

FLIGHT CHECKED BY

Processed IAW Flight Inspection Team (AJW-333), Memo, May 30, 2017, Subject: Flight Inspection Not Required
Digitally signed by

OFFICE

DATE

DEVELOPED BY

NICHOLAS K. JACKSON

Digitally signed by
NICHOLAS JACKSON
Jun 29, 2018

DONALD H LANIER

Jul 13, 2018

OFFICE

AJV-5431

DATE

05/24/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
DONALD H LANIER
Jul 13, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER

