

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS PRM 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>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
DETROIT METROPOLITAN WAYNE COUNTY	KDTW	ILS PRM RWY 4R (CLOSE PARALLEL) ILS PRM RWY 4R (CLOSE PARALLEL) SA CAT I, ILS PRM RWY 4R (CLOSE PARALLEL) CAT II, ILS PRM RWY 4R (CLOSE PARALLEL) CAT III	3A	DETROIT	MI	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
645	640	ILS PRM RWY 4R (CLOSE PARALLEL) ILS PRM RWY 4R (CLOSE PARALLEL) SA CAT I, ILS PRM RWY 4R (CLOSE PARALLEL) CAT II, ILS PRM RWY 4R (CLOSE PARALLEL) CAT III	3	05/24/2018	7W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-DTW		13 SEPTEMBER 2018	ROUTINE			

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	035.70	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				1.00	035.69	3.14 (I-DTW)	6000
CULOP/I-DTW 18.75 DME/RADAR		HIMEX/I-DTW 15.61 DME/RADAR				1.00	035.69	3.14 (I-DTW)	5000
HIMEX/I-DTW 15.61 DME/RADAR		EVABE/I-DTW 12.46 DME/RADAR				1.00	035.69	3.14 (I-DTW)	4000
EVABE/I-DTW 12.46 DME/RADAR		JELLY/I-DTW 9.32 DME/RADAR				1.00	035.69	3.14 (I-DTW)	3000
JELLY/I-DTW 9.32 DME/RADAR	IF	ETALE/I-DTW 6.17 DME/RADAR	PFAF			0.50	035.69	3.15 (I-DTW)	2000

MISSED APPROACH

MAP:

ILS: DA

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 AND ON SVM VORTAC R-057 TO PERLS/SVM 17.87 DME AND HOLD. (DME REQUIRED)



<u>AIRPORT</u> DETROIT METROPOLITAN WAYNE COUNTY	<u>AIRPORT ID</u> KDTW	<u>PROCEDURE NAME</u> ILS PRM RWY 4R (CLOSE PARALLEL) ILS PRM RWY 4R (CLOSE PARALLEL) SA CAT I, ILS PRM RWY 4R (CLOSE PARALLEL) CAT II, ILS PRM RWY 4R (CLOSE PARALLEL) CAT III	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> DETROIT	<u>STATE</u> MI
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PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
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2. PROFILE STARTS AT BAANG

3. FAC:	035.70	PFAF: ETALE/I-DTW 6.17 DME/RADAR	DIST PFAF TO MAP:	DIST PFAF TO THLD:
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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:	4.11	MM:	IM: 949	100 HAT: 939.00	150 HAT: 1893.00	GS ANT: 980
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6. MIN GS INCPT:	2000	GS ALT AT PFAF :	ETALE/I-DTW 6.17 DME/RADAR 2000	OM:	MM:	IM: 765
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7. GP ANGLE:	3.00	34:1:	20:1:	TCH: 52.3
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8. MSA FROM: DXO VOR/DME 2800

EQUIPMENT REQUIREMENTS NOTES:

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

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
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP.
CHART NOTE: PROCEDURE NA WHEN GLIDESLOPE NOT AVAILABLE.
CHART SPEED ICON IN PLANVIEW AT CLEVR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT CAATZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART LOC RWY 3R/4L.
CHART AT OR ABOVE 8000 AT CLEVR.
CHART MANDATORY 9000 AT CAATZ.
CHART IN PLANVIEW: PERLS/SVM 17.87 DME
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

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 04R	840	1800	200	840	1800	200	840	1800	200	840	1800	200			

CHANGES - REASONS

1. ALL REFERNCES OF "INT" FOR PERLS HAVE BEEN REMOVED. - FACILITY UTILIZED TO CREATE THE INTERSECTION HAS BEEN REMOVED VIA VORMON.

QUALITY
41
CHECKED

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 OFFICE

Jul 13, 2018 AJV-5431

DATE

06/05/2018

APPROVED BY

PATRICK MULQUEEN *Digitally signed by*
DONALD H LANIER
Jul 13, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER

