

**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> DETROIT METROPOLITAN WAYNE COUNTY	<u>AIRPORT ID</u> KDTW	<u>PROCEDURE NAME</u> ILS PRM Y RWY 22R (CLOSE PARALLEL)	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> DETROIT	<u>STATE</u> MI	
<u>AIRPORT ELEVATION</u> 645	<u>TDZE</u> 642	<u>SUPERSEDED</u> ILS PRM Y RWY 22R (CLOSE PARALLEL)	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-BZB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
HRRON	IAF	KLIER		TF	FB	1.00	131.32	6.60	4000
VALLI	IAF	KLIER		TF	FB	1.00	097.09	7.56	4000
KLIER		GRDCY		TF	FB	1.00	184.04	3.61	4000
PYRET/23.63 DME/RADAR	IAF	GRDCY/20.50 DME/RADAR					213.19	3.14 (I-BZB)	4000
GRDCY/20.50 DME/RADAR		MMOTR/18.50 DME/RADAR					213.19	2.00 (I-BZB)	4000
MMOTR/18.50 DME/RADAR		TAYUL/15.35 DME/RADAR					213.19	3.14 (I-BZB)	4000
TAYUL/15.35 DME/RADAR		EMINN/12.21 DME/RADAR					213.19	3.14 (I-BZB)	3000
EMINN/12.21 DME/RADAR		WONDR/9.06 DME/RADAR					213.19	3.14 (I-BZB)	3000
WONDR/9.06 DME/RADAR	IF	ANGGL/5.92 DME/RADAR	PFAF				213.19	3.14 (I-BZB)	2000

**MISSED APPROACH**

**MAP:**

ILS: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 ON DXO VOR/DME R-297 TO DOHNT INT/DXO 15.47 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DOHNT AND HOLD (GPS REQUIRED).



PROFILE:

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)

2. PROFILE STARTS AT GRDCY

3. FAC: 213.19      PFAF: ANGGL/5.92 DME/RADAR      DIST PFAF TO MAP:      DIST PFAF TO THLD:

4. MIN ALT: GRDCY/20.50 DME/RADAR 4000, MMOTR/18.50 DME/RADAR 4000, TAYUL/15.35 DME/RADAR 4000, EMINN/12.21 DME/RADAR 3000, WONDR/9.06 DME/RADAR 3000, ANGGL/5.92 DME/RADAR 2000

5. DIST TO THLD FROM OM: 4.09      MM:      IM:      150 HAT:      GS ANT: 1055

6. MIN GS INCPT: 2000      GS ALT AT PFAF : ANGGL/5.92 DME/RADAR 2000      OM:      MM:      IM:

7. GP ANGLE: 3.00      34:1:      20:1:      TCH: 55.0

8. MSA FROM: DXO VOR/DME 2800

EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-GPS.  
HRRON AND VALLI: RNAV 1-DME/DME/IRU OR GPS REQUIRED. AIRCRAFT NOT DME/DME/IRU OR GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. PROCEDURE NOT AUTHORIZED WHEN GLIDE SLOPE NOT AVAILABLE (ILS PROCEDURES ONLY). DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART SPEED ICON IN PLANVIEW AT HRRON: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT VALLI: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 6000 AT HRRON.  
CHART MANDATORY 6000 AT VALLI.  
CHART MANDATORY 4000 AT KLIER.  
FICTITIOUS THRESHOLD POINT (CFBJN) DO NOT CHART.  
CHART PLANVIEW NOTE: LOC OFFSET 2.50 DEGREES.  
CHART IN PLANVIEW: DOHNT  
FAC CROSSES RWY C/L EXTENDED 2608 FT FROM THLD.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W DOHNT, RT, 090.30 INBOUND.  
HOLD NW, RT, 116.62 INBOUND

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 22R	892	2400	250	892	2400	250	892	2400	250	892	2400	250			

CHANGES - REASONS

1. UPDATED ALTERNATE MISSED APPROACH FROM "CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 315 AND JXN VOR/DME R-090 TO DOHNT INT/JXN 34.25 DME AND HOLD" TO "CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DOHNT AND HOLD (GPS REQUIRED)". - JXN VORMON AND ATC REQUEST.  
2. UPDATED ADDITIONAL FLIGHT DATA ALTERNATE MA HOLDING FROM "HOLD W DOHNT INT/JXN 34.25 DME, RT, 090.30 INBOUND" TO "HOLD W DOHNT, RT, 090.30 INBOUND". - JXN VORMON AND ATC REQUEST.

**AIRPORT**

DETROIT METROPOLITAN WAYNE  
COUNTY

**AIRPORT ID**

KDTW

**PROCEDURE NAME**

ILS PRM Y RWY 22R  
(CLOSE PARALLEL)

**ORIGINAL/AMENDMENT**

1B

**CITY**

DETROIT

**STATE**

MI

**COORDINATED WITH:**

**A4A** ☒   **ALPA** ☒   **AOPA** ☒   **APA** ☒   **HAI** ☐   **NBAA** ☒   **OTHER:** ZOB, DTW APP CON, METRO TOWER

**FLIGHT CHECKED BY**

JAMES ONIEAL

*Digitally signed by*

**WARDELL HENNING**

Dec 18, 2019

**OFFICE**

FICO

**DATE**

12/14/19

**DEVELOPED BY**

CHRISTINE BAYSE

*Digitally signed by*

**CHRISTINE BAYSE**

Oct 25, 2019

**OFFICE**

AJV-A432

**DATE**

08/20/2019

**APPROVED BY**

GEORGE DAVIS

*Digitally signed by*

**WARDELL HENNING**

Dec 18, 2019

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

