

**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 Y RWY 22R	<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SUPERSEDED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 Y RWY 22R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 7W
<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>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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.
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.
3. REMOVED NOTE "*** RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA". - OFFSET ILS AND IAW 8400.13D.



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

