

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 22L ILS RWY 22L SA CAT I	<u>ORIGINAL/AMENDMENT</u> 32A	<u>CITY</u> DETROIT	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 645	<u>TDZE</u> 637	<u>SUPERSEDED</u> ILS OR LOC RWY 22L ILS RWY 22L SA CAT I	<u>ORIGINAL/AMENDMENT</u> 32	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7W
<u>FACILITY</u> I-DWC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 JUNE 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>
PUZEL	IAF	MCOMB/RADAR		TF	FB	1.00	276.67	4.50	8000
SPRER	IAF	AKMEE		TF	FB	1.00	121.32	2.89	8000
MCOMB/I-DWC 24.00 DME/RADAR	IAF	DRBRN/I-DWC 20.70 DME/RADAR					215.71	3.31 (I-DWC)	7000
AKMEE		MCOMB/RADAR		TF	FB	1.00	145.52	3.49	8000
DRBRN/I-DWC 20.70 DME/RADAR		BHOLD/I-DWC 17.39 DME/RADAR					215.71	3.31 (I-DWC)	6000
BHOLD/I-DWC 17.39 DME/RADAR		LUPAY/I-DWC 14.08 DME/RADAR					215.71	3.31 (I-DWC)	5000
LUPAY/I-DWC 14.08 DME/RADAR		OSKER/I-DWC 10.78 DME/RADAR					215.71	3.31 (I-DWC)	4000
OSKER/I-DWC 10.78 DME/RADAR		ROUGE/I-DWC 7.47 DME/RADAR					215.71	3.31 (I-DWC)	3000
ROUGE/I-DWC 7.47 DME/RADAR	IF	HULKA/I-DWC 4.15 DME/RADAR					215.71	3.33 (I-DWC)	2000

MISSED APPROACH

MAP:

ILS: DA
 LOC: I-DWC 0.17 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON HEADING 216 AND CRL VOR/DME R-025 TO CRL VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 4000 ON DXO VOR/DME R-214 TO HWLER/DXO 16.73 DME/RADAR AND HOLD.



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)
2.	PROFILE STARTS AT MCOMB			
3. FAC:	215.71	FAF: HULKA/I-DWC 4.15 DME/RADAR	DIST FAF TO MAP:	DIST FAF TO THLD: 4.31
4. MIN ALT:	MCOMB/I-DWC 24.00 DME/RADAR 8000, DRBRN/I-DWC 20.70 DME/RADAR 7000, BHOLD/I-DWC 17.39 DME/RADAR 6000, LUPAY/I-DWC 14.08 DME/RADAR 5000, OSKER/I-DWC 10.78 DME/RADAR 4000, ROUGE/I-DWC 7.47 DME/RADAR 3000, HULKA/I-DWC 4.15 DME/RADAR 2000			
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT: 1826.00	GS ANT: 1201
6. MIN GS INCPT:	2000	GS ALT AT FAF :	HULKA/I-DWC 4.15 DME/RADAR 2000	OM: MM: IM:
7. GP ANGLE:	2.85	34:1:	20:1:	TCH: 60.4
8. MSA FROM:	DXO VOR/DME 2800			

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.
RNAV 1-DME/DME/IRU OR RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 22L: CAT A, B, C, D, RA 148, RVR 1400, HAT 150, DA 787 MSL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CHART SPEED ICON IN PLANVIEW AT SPRER: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT PUZEL: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE: I-DWC DME ANTENNA.
CHART AT OR ABOVE 8000 AT MCOMB.
CHART LOC RWY 21L/22R
CHART AT OR ABOVE 8000 AT SPRER.
CHART AT OR ABOVE 9000 AT PUZEL.
CHART CIRCLING ICON.
CHART IN PLANVIEW: HWLER/DXO 16.73 DME/RADAR
CHART VDP AT 0.85 DME*
DISTANCE VDP TO THLD 1.01 NM
* LOC ONLY
FAS OBST: 840 AAO 421706N/0831930W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW HWLER/DXO 16.73 DME/RADAR, RT, 034.12 INBOUND.
HOLD S, RT, 016.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD



<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 22L**	837	2400	200	837	2400	200	837	2400	200	837	2400	200			
S-LOC 22L	1020	2400	383	1020	2400	383	1020	3500	383	1020	3500	383			
CIRCLING	1180	1	535	1180	1	535	1180	1 1/2	535	1240	2	595			

CHANGES - REASONS

1. REMOVED PBN REQUIREMENTS NOTE: RNAV 1-GPS. - NO LONGER REQUIRED.

5/15/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/08/18.

1. CHANGED MCOMB/I-DTW 24.00 DME/RADAR TO MCOMB/I-DWC 24.00 DME/RADAR.
2. CHANGED LOC MAP FROM I-DTW 0.17 DME TO I-DWC 0.17 DME.



COORDINATED WITH:

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

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS
GROUP (AJW-333) MEMO, DEC 22, 2017.

DEVELOPED BY

JIMMY S. HUGHES

Digitally signed by
JIMMY S HUGHES
May 15, 2018

APPROVED BY

JULIE MORGAN

OFFICE

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

DATE

05/01/2018

DATE

Digitally signed by
ROBERT G HAMILTON
May 16, 2018

Digitally signed by
ROBERT G HAMILTON
May 16, 2018

TITLE
MANAGER

