

**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 4L	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> DETROIT	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 645	<u>TDZE</u> 645	<u>SUPERSEDED</u> ILS Y RWY 4L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 7W
<u>FACILITY</u> I-ALA	<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
SIZOR	IAF	HURRT		TF	FB	1.00	123.05	6.20	4000
HURRT		COZZY		TF	FB	1.00	056.99	4.73	4000
GRBAC	IAF	MMOTT		TF	FB	1.00	140.94	6.38	3000
MMOTT		RUCOB		TF	FB	1.00	060.33	4.51	3000
SMPTR/19.63 DME/RADAR	IAF	COZZY/17.48 DME/RADAR					038.21	2.14 (I-ALA)	4000
COZZY/17.48 DME/RADAR		RUCOB/14.34 DME/RADAR					038.21	3.14 (I-ALA)	3000
RUCOB/14.34 DME/RADAR		JITLI/10.19 DME/RADAR					038.21	4.14 (I-ALA)	3000
JITLI/10.19 DME/RADAR		PEVSE/7.05 DME/RADAR					038.21	3.14 (I-ALA)	3000
PEVSE/7.05 DME/RADAR	IF	MOTWN/3.91 DME/RADAR	PFAF				038.21	3.14 (I-ALA)	2000

MISSED APPROACH

MAP:
ILS: DA

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1100 THEN CLIMBING LEFT 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 RUCOB
- 3. **FAC:** 038.21 **PFAF:** MOTWN/3.91 DME/RADAR **DIST PFAF TO MAP:** **DIST PFAF TO THLD:**
- 4. **MIN ALT:** RUCOB/14.34 DME/RADAR 3000, JITLI/10.19 DME/RADAR 3000, PEVSE/7.05 DME/RADAR 3000, MOTWN/3.91 DME/RADAR 2000
- 5. **DIST TO THLD FROM OM:** 4.08 **MM:** **IM:** **150 HAT:** **GS ANT:** 1064
- 6. **MIN GS INCPT:** 2000 **GS ALT AT PFAF :** MOTWN/3.91 DME/RADAR 2000 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.9
- 8. **MSA FROM:** DXO VOR/DME 2800

EQUIPMENT REQUIREMENTS NOTES:

FROM GRBAC, SIZOR: 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:

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 SIZOR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT GRBAC: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT GRBAC.
CHART MANDATORY 6000 AT SIZOR.
CHART MANDATORY 4000 AT HURRT.
CHART MANDATORY 3000 AT MMOTT.
CHART LOC RWY 3R/4R.
CHART IN PROFILE VIEW: I-ALA DME ANTENNA.
FICTITIOUS THRESHOLD POINT (CFDXT) DO NOT CHART.
CHART PLANVIEW NOTE: LOC OFFSET 2.53 DEGREES.
CHART IN PLANVIEW: DOHNT
FAC CROSSES RWY C/L EXTENDED 2531 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

<u>CATEGORY:</u>	A			B			C			D			E		
<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 04L	895	2400	250	895	2400	250	895	2400	250	895	2400	250			



AIRPORT

DETROIT METROPOLITAN WAYNE COUNTY

AIRPORT ID

KDTW

PROCEDURE NAME

ILS Y RWY 4L

ORIGINAL/AMENDMENT

1C

CITY

DETROIT

STATE

MI

CHANGES - REASONS

1. UPDATED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 295 AND ON JXN VOR/DME R-090 TO DOHNT INT/JXN 34.25 DME/RADAR AND HOLD" TO "CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 DIRECT DOHNT AND HOLD". - JXN VORMON AND ATC REQUEST.
2. UPDATED ADDITIONAL FLIGHT DATA ALTERNATE MISSED MA HOLDING FROM "HOLD W DOHNT INT/JXN 34.25DME/RADAR, RT, 090.30 INBOUND" TO "HOLD W DOHNT, RT, 090.30 INBOUND". - JXN VORMON AND ATC REQUEST.

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

08/19/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Dec 18, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER

