

**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 4L (CLOSE PARALLEL)	<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SUPERSEDED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 PRM Y RWY 4L (CLOSE PARALLEL)	<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).



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**ORIGINAL/AMENDMENT**

1C

**CITY**

DETROIT

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MI

**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: RWY 4L AND 4R SEPARATED BY 3000 FEET CENTERLINE TO CENTERLINE.  
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP.  
 CHART SPEED ICON IN PLANVIEW AT SIZOR: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT GRBAC: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**

CHART LOC RWY 3R/4R.  
 CHART MANDATORY 6000 AT SIZOR.  
 CHART MANDATORY 5000 AT GRBAC.  
 CHART MANDATORY 4000 AT HURRT.  
 CHART MANDATORY 3000 AT MMOTT.  
 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

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 04L	895	2400	250	895	2400	250	895	2400	250	895	2400	250				

QUALITY  
24  
CHECKED

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**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

