

**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 Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 4C	<u>CITY</u> DETROIT	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 645	<u>TDZE</u> 645	<u>SUPERSEDED</u> ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 4B	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-HJT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
SIZOR	IAF	HURRT		TF	FB	1.00	123.05	6.20	4000
HURRT		ACIRA		TF	FB	1.00	065.43	5.00	4000
GRBAC	IAF	MMOTT		TF	FB	1.00	140.94	6.38	3000
MMOTT		ASLLI		TF	FB	1.00	067.53	4.75	3000
NBSTN/21.62 DME/RADAR	IAF	ACIRA/19.52 DME/RADAR					035.68	2.09 (I-HJT)	4000
ACIRA/19.52 DME/RADAR		ASLLI/16.38 DME/RADAR					035.68	3.14 (I-HJT)	3000
ASLLI/16.38 DME/RADAR		NATYI/12.18 DME/RADAR					035.68	4.20 (I-HJT)	3000
NATYI/12.18 DME/RADAR		REGGE/9.04 DME/RADAR					035.68	3.14 (I-HJT)	3000
REGGE/9.04 DME/RADAR	IF	PAYED/5.90 DME/RADAR					035.68	3.14 (I-HJT)	2000

**MISSED APPROACH**

**MAP:**

ILS: DA  
 LOC: 4.08 NM AFTER PAYED/I-HJT 5.90 DME/RADAR OR AT 1.81 DME

**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).

QUALITY  
24  
CHECKED

AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
DETROIT METROPOLITAN WAYNE COUNTY	KDTW	ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	4C	DETROIT	MI

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT ASLLI					
3. FAC:	035.68	FAF: PAYED/5.90 DME/RADAR	DIST FAF TO MAP: 4.08	DIST FAF TO THLD: 4.08	
4. MIN ALT:	ASLLI/16.38 DME/RADAR 3000, NATIY/12.18 DME/RADAR 3000, REGGE/9.04 DME/RADAR 3000, PAYED/5.90 DME/RADAR 2000, HIPKA/3.61 DME 1260*				
5. DIST TO THLD FROM OM:	MM:	IM: 859	100 HAT: 857	150 HAT:	GS ANT: 1065
6. MIN GS INCPT: 2000	GS ALT AT FAF : PAYED/5.90 DME/RADAR 2000			OM:	MM: IM: 745
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:**

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4L: CAT A, B, C, D RA 101, RVR 1200, HAT 100, DA 745 MSL.  
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4L: CAT A, B, C, D RVR 600  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.  
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 4000 AT HURRT.  
CHART MANDATORY 3000 AT MMOTT.  
CHART MANDATORY 6000 AT SIZOR.  
CHART LOC RWY 3R/4R  
CHART CIRCLING ICON.  
CHART IN PLANVIEW: DOHNT  
CHART VDP AT 2.70 DME\*  
DISTANCE VDP TO THLD 0.89 NM  
\* LOC ONLY  
CHART FAS OBST: 735 TREE 421052N/0832352W.  
CHART: 755 TREE 421024N/0832436W.  
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; LOC: 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	845	1800	200	845	1800	200	845	1800	200	845	1800	200			
S-LOC 04L	1260	2400	615	1260	2400	615	1260	1 3/8	615	1260	1 3/8	615			
CIRCLING	1260	1	615	1260	1	615	1260	1 3/4	615	1260	2	615			
HIPKA FIX MINIMUMS (DME REQUIRED)															
S-LOC 04L	1000	2400	355	1000	2400	355	1000	3000	355	1000	3000	355			
CIRCLING	1180	1	535	1180	1	535	1180	1 1/2	535	1240	2	595			

**CHANGES - REASONS**

1. UPDATED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 295 AND 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 (GPS REQUIRED)". - JXN VORMON AND ATC REQUEST.
2. UPDATED ADDITIONAL FLIGHT DATA NOTE CHART IN PLANVIEW: ALTERNATE MA HOLDING FROM "HOLD W DOHNT INT/JXN 34.25 DME/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**

**OFFICE**

**DATE**

**DEVELOPED BY**  
CHRISTINE BAYSE

*Digitally signed by*  
**CHRISTINE BAYSE**

Oct 25, 2019

**OFFICE**  
AJV-A432

**DATE**  
08/19/2019

**APPROVED BY**  
GEORGE DAVIS

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DETROIT METROPOLITAN WAYNE COUNTY	KDTW	ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	4C	DETROIT	MI	645	I-HJT

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM  
SIZOR

TO  
HURRT

<u>RNP</u>	<u>DISTANCE</u> 6.20	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>		<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (26-001782)	415516.83N/0833948.48W		935	50	20	2C	1000				AT2065	4000
2.TERRAIN	415442.00N/0834039.00W		706 (700)								AS1500	2200

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM  
HURRT

TO  
ACIRA

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (26-001782)	415516.83N/0833948.48W		935	50	20	2C	1000				AT2065	4000
3.TERRAIN	415457.00N/0833954.00W		706 (700)								AS1500	2200

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM  
GRBAC

TO  
MMOTT

RNP	DISTANCE 6.38	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
4.TOWER (26-001616)	415903.00N/0833924.00W		1005	500	50	5D	1000				AT995	3000
5.TERRAIN	415933.00N/0833930.00W		726 (700)								AS1500	2200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM  
MMOTT

TO  
ASLLI

RNP	DISTANCE 4.75	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (26-001473)	415713.00N/0833611.00W		920	500	50	5D	1000				AT1080	3000
7.TERRAIN	420000.00N/0833618.00W		673 (700)								AS1500	2200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



<b>AIRPORT</b> DETROIT METROPOLITAN WAYNE COUNTY	<b>AIRPORT ID</b> KDTW	<b>PROCEDURE NAME</b> ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	<b>AMDT NO.</b> 4C	<b>CITY</b> DETROIT	<b>STATE</b> MI	<b>AIRPORT ELEVATION</b> 645	<b>FACILITY</b> I-HJT				
<b>INITIAL</b>											
<b>FROM</b> NBSTN/21.62 DME/RADAR				<b>TO</b> ACIRA/19.52 DME/RADAR							
<b>RNP</b>	<b>DISTANCE</b> 2.09	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>		<b>HMAS</b>					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
6.TOWER (26-001473)	415713.00N/0833611.00W	920	500	50	5D	1000				AT2080	4000
8.TERRAIN	415713.07N/0833611.00W	680 (700)								AS1500	2200
<b>COMPUTATIONS</b>											
<b>ALT</b>	<b>KIAS</b>	<b>KTAS</b>	<b>HAA</b>	<b>VKTW</b>	<b>TR</b>	<b>BA</b>	<b>DTA</b>	<b>COURSE CHANGE</b>	<b>DVEB</b>	<b>VEB OCS</b>	<b>RF CENTER FIX/DISTANCE</b>

**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

<b>FROM</b> ACIRA/19.52 DME/RADAR	<b>TO</b> ASLLI/16.38 DME/RADAR										
<b>RNP</b>	<b>DISTANCE</b> 3.14	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>		<b>HMAS</b>					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
6.TOWER (26-001473)	415713.00N/0833611.00W	920	500	50	5D	1000				AT1080	3000
7.TERRAIN	420000.00N/0833618.00W	673 (700)								AS1500	2200
<b>COMPUTATIONS</b>											
<b>ALT</b>	<b>KIAS</b>	<b>KTAS</b>	<b>HAA</b>	<b>VKTW</b>	<b>TR</b>	<b>BA</b>	<b>DTA</b>	<b>COURSE CHANGE</b>	<b>DVEB</b>	<b>VEB OCS</b>	<b>RF CENTER FIX/DISTANCE</b>

**SEGMENT REMARKS:**



INITIAL: STEPDOWN

FROM

ASLLI/16.38 DME/RADAR

TO

NATYI/12.18 DME/RADAR

RNP	DISTANCE 4.20	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TOWER (26-000658)	420430.21N/0833437.67W		984	500	50	5D	1000				AT1016	3000
10.TERRAIN	420418.00N/0833433.00W		680 (700)								AS1500	2200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

NATYI/12.18 DME/RADAR

TO

REGGE/9.04 DME/RADAR

RNP	DISTANCE 3.14	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (26-003174)	420358.25N/0832337.21W		1017	20	10	1B	1000				AT983	3000
12.TERRAIN	420633.00N/0832936.00W		689 (700)								AS1500	2200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



INTERMEDIATE

FROM

REGGE/9.04 DME/RADAR

TO

PAYED/5.90 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u> 3.14	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
11.TOWER (26-003174)	420358.25N/0832337.21W		1017	20	10	1B	500				AT483	2000
13.TERRAIN	420636.00N/0832930.00W		716 (700)								AS1000	1700

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: ILS

FROM

PAYED/5.90 DME/RADAR

TO

RW04L

<u>RNP</u>	<u>DISTANCE</u> 4.08	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 200			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				845

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:





FINAL: ILS CAT II

FROM

PAYED/5.90 DME/RADAR

TO

RW04L

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.08		DA		100							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				745

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

PAYED/5.90 DME/RADAR

TO

HIPKA/3.61 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	2.29				615							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
14.AAO	420927.72N/0832538.99W		860	50	20	2C	250				DG150	1260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC STEPDOWN

FROM

HIPKA/3.61 DME

TO

4.08 NM AFTER PAYED/I-HJT 5.90 DME/RADAR OR AT 1.81 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	1.80		4.08 NM AFTER PAYED/I-HJT 5.90 DME/RADAR OR AT 1.81 DME	355	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
15.TREE (KDTWT004280)	421051.52N/0832351.88W	735	20	3	1A	250					1000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : ILS

FROM

DA

TO

DOHNT INT/DXO 15.47 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					677

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
16.TOWER (26-000689)	421802.75N/0833827.86W	1249	20	3	1A	1000					2300
17.TERRAIN	422157.00N/0833948.00W	1054 (1100)								AS1500	2600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : ILS CAT II

FROM  
DA

TO  
DOHNT INT/DXO 15.47 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
16.TOWER (26-000689)	421802.75N/0833827.86W		1249	20	3	1A	1000					2300
17.TERRAIN	422157.00N/0833948.00W		1054 (1100)								AS1500	2600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LOC

FROM  
4.08 NM AFTER PAYED/I-HJT 5.90 DME/RADAR OR AT 1.81 DME

TO  
DOHNT INT/DXO 15.47 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT			HMAS 750					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
16.TOWER (26-000689)	421802.75N/0833827.86W		1249	20	3	1A	1000					2300
17.TERRAIN	422157.00N/0833948.00W		1054 (1100)								AS1500	2600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH ALTERNATE : ILS

FROM  
DA

TO  
DOHNT

RNP	DISTANCE	PAT	MAP	HAT			HMAS 677					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
16.TOWER (26-000689)	421802.75N/0833827.86W		1249	20	3	1A	1000					2300
17.TERRAIN	421924.00N/0834118.00W		951 (1000)								AS1500	2500

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE : ILS CAT II

FROM  
DA

TO  
DOHNT

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
16.TOWER (26-000689)	421802.75N/0833827.86W		1249	20	3	1A	1000					2300
17.TERRAIN	421924.00N/0834118.00W		951 (1000)								AS1500	2500

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH ALTERNATE : LOC

FROM  
4.08 NM AFTER PAYED/I-HJT 5.90 DME/RADAR OR AT 1.81 DME

TO  
DOHNT

RNP	DISTANCE	PAT	MAP	HAT			HMAS 750					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
16.TOWER (26-000689)	421802.75N/0833827.86W		1249	20	3	1A	1000					2300
17.TERRAIN	421924.00N/0834118.00W		951 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.ATCT (26-001770)	421245.80N/0832115.66W	1.30	615/535	877	20	3	1A	300		SI	1260/1180
CATEGORY B											
18.ATCT (26-001770)	421245.80N/0832115.66W	1.83	615/535	877	20	3	1A	300		SI	1260/1180
CATEGORY C											
18.ATCT (26-001770)	421245.80N/0832115.66W	2.87	615/535	877	20	3	1A	300		SI	1260/1180
CATEGORY D											
19.TOWER (26-000777)	421627.36N/0832411.86W	3.75	615/595	936	20	10	1B	300		SI	1260/1240

CIRCLING REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
DETROIT METROPOLITAN WAYNE COUNTY	KDTW	ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	4C	DETROIT	MI	645	I-HJT

MSA

CENTER  
DXO VOR/DME

RADIUS  
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (26-000324)	422901.00N/0831844.00W	014	16.4	1750	250	50	4D	1000			2800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:





<u>AIRPORT</u> DETROIT METROPOLITAN WAYNE COUNTY	<u>AIRPORT ID</u> KDTW	<u>PROCEDURE NAME</u> ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	<u>AMDT NO.</u> 4C	<u>CITY</u> DETROIT	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 645	<u>FACILITY</u> I-HJT
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CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

I-HJT PROCEDURAL TCH 54.91 USED FOR PROCEDURE DEVELOPMENT.

ADVERSE VEGETATION HEIGHT 100 FT PER IFP CHECKLIST.

RNAV TRANSITIONS EVALUATED IN IPDS. 20-DEGREE BANK ANGLE USED AT MMOTT.

LOC RWY 3R/4R CHARTING CONTINUED FROM PREVIOUS PROCEDURE REQUEST.

ORDER 8260.3 CHAPTER 2 APPLIED TO 755 TREE (KDTWT004354) 421024.02N/0832436.23W.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.90
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	028.68
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	669
DISTANCE FROM	THLD	TO 1500FT POINT	5.62
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.49
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	028.68
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	716

THRESHOLD  
COORDINATES  
(IF STR-IN)421207.82N/0832302.40W

ARP COORDINATES421244.80N/0832112.20W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARPRUNWAY 4L DISTANCE 1.50 NM

FAF  
COORDINATES420832.84N/0832540.40W

FIX NAME  
COORDINATESIF REGGE: 420547.18N/0832741.91W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT</u> DETROIT METROPOLITAN WAYNE COUNTY	<u>AIRPORT ID</u> KDTW	<u>PROCEDURE NAME</u> ILS Z OR LOC RWY 4L ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)	<u>AMDT NO.</u> 4C	<u>CITY</u> DETROIT	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 645	<u>FACILITY</u> I-HJT
PART E: PREPARED BY							
<u>NAME</u> CHRISTINE BAYSE	<u>OFFICE</u> AJV-A432			<u>DATE</u> 08/19/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

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