

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				Bearings, headings, courses, 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 in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 6.01 MILES AFTER NUVUE/I-HUU 5.84 DME/RADAR OR AT I-HUU 0.17 DME FIX CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 090 AND ON JZJ NDB BRG-106 TO JZJ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 3000 DIRECT YQG VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 275.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE YQG VOR/DME, RT, 326.00 INBOUND. CHART FAS OBST: 740 TREE 421009N/0832226W CHART VDP AT 0.89 DME* DISTANCE VDP TO THLD 1.05 MILES. *LOC ONLY. CHART IN PLANVIEW: YQG VOR/DME. CHART IN PROFILE: I-HUU DME ANTENNA. CHART CIRCLING ICON.											
WILOO/18.67 DME/RADAR (IAF)	LEWUK/15.81 DME/RADAR	034.71 / 2.86 (I-EJR)	6000												
LEWUK/15.81 DME/RADAR	LIONZ/12.90 DME/RADAR	034.71 / 2.90 (I-HUU)	5000												
LIONZ/12.90 DME/RADAR	WATCH/9.95 DME/RADAR	034.71 / 2.95 (I-HUU)	4000												
WATCH/9.95 DME/RADAR (IF)	RIBME/6.96 DME/RADAR	034.71 / 3.00 (I-HUU)	3000												
RIBME/6.96 DME/RADAR	NUVUE/5.84 DME/RADAR	034.71 / 1.11 (I-HUU)	2600												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT WILOO 3. FAC: <u>034.71</u> FAF: <u>NUVUE/5.84 DME/RADAR</u> DIST FAF TO MAP: <u>6.01</u> THLD: <u>6.01</u> 4. MIN. ALT: WILOO 7000, LEWUK 6000, LIONZ 5000, WATCH 4000, RIBME 3000, NUVUE 2600, HOKKR/1.64 DME/RADAR 1240* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u>885</u> 150 HAT: <u>1832</u> 100 HAT: <u>877</u> GS ANT: <u>1030</u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>NUVUE 2600</u> OM: <u> </u> MM: <u> </u> IM: <u>733</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.0</u> 8. MSA FROM: <u>DXO VOR/DME 2800</u>				MAG VAR: 6W EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD									
						LOC: STANDARD									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 03R	833	1800	200	833	1800	200	833	1800	200	833	1800	200			
S-LOC 03R	1040	2400	407	1040	2400	407	1040	4000	407	1040	4000	407			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1240	2	595			
NOTES: SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 3R: CAT A, B, C, D, RA 153, RVR 1400, HAT 150, DA 783 MSL. CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 3R: CAT A, B, C, D, RA 101, RVR 1200, HAT 100, DA 733 MSL. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 645 TDZE: 633		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
DETROIT, MI		AIRPORT NAME:		I-HUU		ILS OR LOC RWY 3R, AMDT 16 9/18/2014				AMDT: 15C					
		DETROIT METROPOLITAN WAYNE COUNTY				ILS RWY 3R (SA CAT I), ILS RWY 3R (CAT II), ILS RWY 3R (CAT III)				DATED 07/26/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS- 3R: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: ADF AND DME OR RADAR REQUIRED.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 4R OR RWY 4L.

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 NOTE: FOR INOPERATIVE ALSF INCREASE S-LOC 3R CATS C AND D VISIBILITY TO RVR 6000.



CITY AND STATE

DETROIT, MI

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PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 3R, AMDT 16 9/18/2014
ILS RWY 3R (SA CAT I), ILS RWY 3R (CAT II),
ILS RWY 3R (CAT III)

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDTWK5FI03R	AWILOO	010WIL00K5PC0E	A	IF								
SUSAP	KDTWK5FI03R	AWILOO	020LEWUKK5PC0E		TF								
SUSAP	KDTWK5FI03R	AWILOO	030LIONZK5PC0E		TF								
SUSAP	KDTWK5FI03R	AWILOO	040WATCHK5PC0EE	B	CF	IHUUK5	2147011903470030PI						
SUSAP	KDTWK5FI03R	I	010WATCHK5PC0E	I	IF	IHUUK5	21470119	PI	J	040000260018000			
SUSAP	KDTWK5FI03R	I	011RIBMEK5PC0E	S	CF	IHUUK5	2147008903500030PI						
SUSAP	KDTWK5FI03R	I	020NUVUEK5PC0E	F	CF	IHUUK5	2147007803500011PI	H	0260002600		-300DXO	K5D	0 NS
SUSAP	KDTWK5FI03R	I	030RW03RK5PG0GY	M	CF	IHUUK5	2147001803500060PI		00687		-300		0 NS
SUSAP	KDTWK5FI03R	J	040	0	M	CA	0347						0 NS
SUSAP	KDTWK5FI03R	I	050	0		VI	0900						0 NS
SUSAP	KDTWK5FI03R	I	060JZJ	K5PN0NY		CF	DXO K5	0927007310600060D					0 NS
SUSAP	KDTWK5FI03R	I	070JZJ	K5PN0NE	R	HM	2750T010						0 NS

[illegible][illegible]

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	DETROIT METROPOLITAN WAYNE COUNTY		I-HUU	ILS RWY 3R (SA CAT I), ILS RWY 3R (CAT II), ILS RWY 3R (CAT III)	DATED: 07/26/2012

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SUSAP KDTWK5IIHUU3 011150RW03RN42132038W0831955630347N42115113W0832054981100 10300361300W00605400630

[illegible]

SUSAP KDTWK5SDXO K5D	0	18018002825	M
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	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	90123456789	01234567890	12345678901	23456789012	34567890123

SUSAPNKDTWK5 JZJ K5002230H LW N42131202W083121192 W0060 NARALAINA

4	SUP:	
	AMDT:	15C
	DATED:	07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WILOO	WILOO	010	IAF	IF		FB				AA 07000	
	WILOO	LEWUK	020		TF		FB				AA 06000	
	WILOO	LIONZ	030		TF		FB				AA 05000	
	WILOO	WATCH	040		CF		FB		034.7 ()	003.0	AA 04000	
		WATCH	010	FACF	IF		FB				AA 04000	GI 02600
		RIBME	011	SDF	CF		FB		035.0 ()	003.0	AA 03000	
		NUVUE	020	FAF	CF		FB		035.0 ()	001.1	GI 02600	GS 02600
		RW03R	030	MAP	CF		FO		035.0 ()	006.0	AT 00687	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		034.7 ()		AA 01100	
		050		VI		FB		090.0 ()			
	JZJ	060		CF		FO		106.0 ()	006.0	AA 03000	
	JZJ	070		HM	R	FO		275.0 ()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DXO	N421247.29	W0832159.99	N4212.788	W08322.000
	IHUU (DME)	N421134.31	W0832109.69	N4211.572	W08321.162
	LEWUK	N415742.98	W0833123.49	N4157.716	W08331.392
	LIONZ	N420016.06	W0832931.60	N4200.268	W08329.527
	NUVUE	N420627.91	W0832459.09	N4206.465	W08324.985
	RIBME	N420529.29	W0832542.12	N4205.488	W08325.702
	WATCH	N420251.46	W0832737.84	N4202.858	W08327.631
	WILOO	N415512.11	W0833313.60	N4155.202	W08333.227
	RW03R	N421144.21	W0832106.49	N4211.737	W08321.108
	IHUU (LOC)	N421320.38	W0831955.63	N4213.340	W08319.927
	JZJ	N421312.02	W0831211.92	N4213.200	W08312.199

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW03R	00633		54

CITY AND STATE
DETROIT, MIELEVATION: 645 TDZE: 633
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ILS RWY 3R (SA CAT I), ILS RWY 3R (CAT II),
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDTWK5FL03R	AWILOO	010WILOOK5PC0E	A	IF				+ 07000	18000		0	NS
SUSAP	KDTWK5FL03R	AWILOO	020LEWUKK5PC0E		TF				+ 06000			0	NS
SUSAP	KDTWK5FL03R	AWILOO	030LIONZK5PC0E		TF				+ 05000			0	NS
SUSAP	KDTWK5FL03R	AWILOO	040WATCHK5PC0EE	B	CF	IHUK5	2147011903470030PI		+ 04000			0	NS
SUSAP	KDTWK5FL03R	L	010WATCHK5PC0E	I	IF	IHUK5	21470119	PI	+ 04000	18000		0	NS
SUSAP	KDTWK5FL03R	L	011RIBMEK5PC0E	S	CF	IHUK5	2147008903500030PI		+ 03000			0	NS
SUSAP	KDTWK5FL03R	L	020NUVUEK5PC0E	F	CF	IHUK5	2147007803500011PI		+ 02600		DXO	K5D	0
SUSAP	KDTWK5FL03R	L	021HOKKRK5PC0E	S	CF	IHUK5	2147003603500042PI		+ 01240		-301		0
SUSAP	KDTWK5FL03R	L	030RW03RK5PG0GY	M	CF	IHUK5	2147001803500018PI		00687		-301		0
SUSAP	KDTWK5FL03R	L	040	0	M	CA	0347		+ 01100				0
SUSAP	KDTWK5FL03R	L	050	0		VI	0900						0
SUSAP	KDTWK5FL03R	L	060JZJ	K5PNONY		CF	DXO K5	0927007310600060D	+ 03000				0
SUSAP	KDTWK5FL03R	L	070JZJ	K5PNONE	R	HM	2750T010		+ 03000				0

[illegible]

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	DETROIT METROPOLITAN WAYNE COUNTY		I-HUU	ILS RWY 3R (SA CAT I), ILS RWY 3R (CAT II), ILS RWY 3R (CAT III)	DATED: 07/26/2012

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[illegible]

SUP:	
AMDT:	15C
DATED:	07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	WILOO	WILOO	010	IAF	IF		FB				AA 07000	
	WILOO	LEWUK	020		TF		FB				AA 06000	
	WILOO	LIONZ	030		TF		FB				AA 05000	
	WILOO	WATCH	040		CF		FB		034.7()	003.0	AA 04000	
		WATCH	010	FACF	IF		FB				AA 04000	
		RIBME	011	SDF	CF		FB		035.0()	003.0	AA 03000	
		NUVUE	020	FAF	CF		FB		035.0()	001.1	AA 02600	
		HOKKR	021	SDF	CF		FB		035.0()	004.2	AA 01240	
		RW03R	030	MAP	CF		FO		035.0()	001.8	AT 00687	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		034.7()		AA 01100	
		050		VI		FB		090.0()			
	JZJ	060		CF		FO		106.0()	006.0	AA 03000	
	JZJ	070		HM	R	FO		275.0()	001.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DXO	N421247.29	W0832159.99	N4212.788	W08322.000
	IHUU (DME)	N421134.31	W0832109.69	N4211.572	W08321.162
	HOKKR	N421009.44	W0832216.26	N4210.157	W08322.271
	LEWUK	N415742.98	W0833123.49	N4157.716	W08331.392
	LIONZ	N420016.06	W0832931.60	N4200.268	W08329.527
	NUVUE	N420627.91	W0832459.09	N4206.465	W08324.985
	RIBME	N420529.29	W0832542.12	N4205.488	W08325.702
	WATCH	N420251.46	W0832737.84	N4202.858	W08327.631
	WILOO	N415512.11	W0833313.60	N4155.202	W08333.227
	RW03R	N421144.21	W0832106.49	N4211.737	W08321.108
	IHUU (LOC)	N421320.38	W0831955.63	N4213.340	W08319.927
	JZJ	N421312.02	W0831211.92	N4213.200	W08312.199

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03R	00633	54

CITY AND STATE

DETROIT, MI

ELEVATION: 645

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AIRPORT NAME:

DETROIT METROPOLITAN WAYNE COUNTY

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ILS RWY 3R (SA CAT I), ILS RWY 3R (CAT II),

ILS RWY 3R (CAT III)

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