

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: 6.81 MILES AFTER JEDSU/I-PVY 6.47 DME/RADAR OR AT 0.34 DME FIX CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DJB VOR/DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DJB VOR/DME AND HOLD. (GPS REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, RT, 077.04 INBOUND. CHART FAS OBST: 879 TREE 412531N/0815002W CHART: 910 TOWER 412631N/0814819W CHART VDP AT 0.58 DME* DISTANCE VDP TO THLD 0.92 MILES. *LOC ONLY. CHART ARRIVAL HOLDING AT LACIK; HOLD NE, RT, 236.95 INBOUND, 3000. CHART CIRCLING ICON.						
CXR VOR/DME		PUDSE INT/I-PVY 15.89 DME/RADAR			288.43 / 18.94			6000								
PUDSE INT/I-PVY 15.89 DME/RADAR (IAF)		LACIK/12.75 DME/RADAR			236.95 / 3.14 (I-PVY)			5000								
LACIK/12.75 DME/RADAR		CIVAC/9.61 DME/RADAR			236.95 / 3.14 (I-PVY)			4000								
CIVAC/9.61 DME/RADAR (IF)		JEDSU/6.47 DME/RADAR			236.95 / 3.14 (I-PVY)			3000								
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 PUDSE INT/I-PVY 15.89 DME/RADAR 3. FAC: <u>236.95</u> FAF: JEDSU/6.47 DME/RADAR DIST FAF TO MAP: <u>6.81</u> THLD: <u>6.81</u> 4. MIN. ALT: PUDSE 6000, LACIK 5000, CIVAC 4000, JEDSU 3000, FIDIN/2.08 DME/RADAR 1600* 5. DIST TO THLD FROM OM: <u> </u> - <u> </u> MM: <u> </u> - <u> </u> IM: <u>857</u> 150 HAT: <u>1887</u> 100 HAT: <u>935</u> GS ANT: <u>1064</u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: JEDSU 3000 OM: <u> </u> - <u> </u> MM: <u> </u> - <u> </u> IM: <u>880</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.7</u> 8. MSA FROM: DJB VOR/DME 3100										MAG VAR: 7W EPOCH YEAR: 1990						
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: #		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 24R	980	1800	200	980	1800	200	980	1800	200	980	1800	200				
S-LOC 24R	1140	2400	360	1140	2400	360	1140	3000	360	1140	3000	360				
SIDESTEP 24L	1280	6000	494	1280	6000	494	1280	1 3/4	494	1280	2 1/4	494				
CIRCLING	1420	1	621	1420	1	621	1420	1 3/4	621	1420	2	621				
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 24R: CAT A, B, C, D, RA # CAT A, B, C, D 700-2 100, RVR 1200, HAT 100, DA 880 MSL. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 24R: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA. (SEE FORM 8260-10)																
CITY AND STATE CLEVELAND, OH		ELEVATION: 799		TDZE: 24R 780		FACILITY IDENTIFIER: I-PVY		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 24R, AMDT 5C ILS RWY 24R (CAT II), ILS RWY 24R (CAT III), ILS RWY 24R (SA CAT I) 3/05/2015					SUP:			
		AIRPORT NAME:		TDZE: 24L 786									AMDT: 5B			
		CLEVELAND-HOPKINS INTL											DATED 01/09/2014			



ILS - STANDARD
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NOTES, (CONT.):

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 10 NA AT NIGHT.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 24L.

CHART PLANVIEW NOTE: DME REQUIRED.

CHART NOTE ON ILS OR LOC RWY 24R: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 24L.

CHART NOTE: SIMULTANEOUS OPERATIONS REQUIRE USE OF VERTICAL GUIDANCE; MAINTAIN LAST ASSIGNED ALTITUDE UNTIL ESTABLISHED ON GLIDESLOPE.

CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 24R: CAT A, B, C, D,
RA 150, RVR 1400, HAT 150, DA 930 MSL.

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

QUALITY
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CHECKED

CITY AND STATE CLEVELAND, OH	ELEVATION: 799 AIRPORT NAME: CLEVELAND-HOPKINS INTL	TDZE: 24R 780 TDZE: 24L 786	FACILITY IDENTIFIER: I-PVY	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 24R, AMDT 5C ILS RWY 24R (CAT II), ILS RWY 24R (CAT III), ILS RWY 24R (SA CAT I) 3/05/2015	SUP:
					AMDT: 5B
					DATED: 01/09/2014

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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QUALITY
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
ILS STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29												
ARINC SUMMARY - 424-18 - ILS												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CXR	CXR	010		IF		FB					
	CXR	PUDSE	020	IAF	TF		FB				AA 06000	
	CXR	LACIK	030		TF		FB				AA 05000	
	CXR	CIVAC	040		CF		FB		237.0()	003.1	AA 04000	
		CIVAC	010	FACF	IF		FB				AA 04000	GI 03000
		JEDSU	020	FAF	CF		FB		237.0()	003.1	GI 03000	GS 03000
		RW24R	030	MAP	CF		FO		237.0()	006.8	AT 00831	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		237.0()		AA 01700	
		DJB	050		DF		FO				AA 03000	
		DJB	060		HM	R	FO		077.0()	T01.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS			LONG IN SECS			LAT IN MINS		LONG IN MINS	
		CXR	N413100.94			W0810947.47			N4131.016		W08109.791	
		DJB	N412129.03			W0820943.09			N4121.484		W08209.718	
		CIVAC	N413120.67			W0814045.72			N4131.345		W08140.762	
		JEDSU	N412919.62			W0814357.92			N4129.327		W08143.965	
		LACIK	N413321.62			W0813733.33			N4133.360		W08137.556	
		PUDSE	N413522.47			W0813420.75			N4135.375		W08134.346	
		RW24R	N412456.75			W0815054.15			N4124.946		W08150.903	
		IPVY (LOC)	N412353.08			W0815234.75			N4123.885		W08152.579	
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW24R	00780		55							



CITY AND STATE CLEVELAND, OH	ELEVATION: 799	TDZE: 24R 780	FACILITY IDENTIFIER: I-PVY	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC/DME RWY 24R, AMDT 5C ILS RWY 24R (CAT II), ILS RWY 24R (CAT III) ILS RWY 24R (SA CAT I) 3/05/2015	SUP:
	AIRPORT NAME: CLEVELAND-HOPKINS INTL				AMDT: 5B
		DATED: 01/09/2014			

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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LOC STANDARD INSTRUMENT APPROACH PROCEDURE												
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ARINC SUMMARY - 424-18 - LOC												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CXR	CXR	010		IF		FB					
	CXR	PUDSE	020	IAF	TF		FB				AA 06000	
	CXR	LACIK	030		TF		FB				AA 05000	
	CXR	CIVAC	040		CF		FB		237.0()	003.1	AA 04000	
		CIVAC	010	FACF	IF		FB				AA 04000	
		JEDSU	020	FAF	CF		FB		237.0()	003.1	AA 03000	
		FIDIN	021	SDF	CF		FB		237.0()	004.4	AA 01600	
		RW24R	030	MAP	CF		FO		237.0()	002.4	AT 00831	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		237.0()		AA 01700	
		DJB	050		DF		FO				AA 03000	
		DJB	060		HM	R	FO		077.0()	T01.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		CXR	N413100.94		W0810947.47		N4131.016		W08109.791			
		DJB	N412129.03		W0820943.09		N4121.484		W08209.718			
		CIVAC	N413120.67		W0814045.72		N4131.345		W08140.762			
		FIDIN	N412630.02		W0814826.66		N4126.500		W08148.444			
		JEDSU	N412919.62		W0814357.92		N4129.327		W08143.965			
		LACIK	N413321.62		W0813733.33		N4133.360		W08137.556			
		PUDSE	N413522.47		W0813420.75		N4135.375		W08134.346			
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		RW24R	00780		55							
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