

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				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		LPV: DA LNAV/VNAV: DA LNAV: RW24 CLIMB TO 2300 DIRECT FIKDO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 059.99 INBOUND. CHART FAS OBST: 796 TREE 395142N/0884915W FAS OBSTACLE 942 AAO 395157N/0884500W DISTANCE TO THLD FROM 250 HAT: 0.62 NM. CHART VDP AT 1.02 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 93738 REFERENCE PATH ID: W24A CHART CIRCLING ICON LTP HAE: 175.5 M					
EWITT (IAF)		ZOLIP (NOPT) (FB)		156.65 / 17.90				2800							
LODGE (IAF)		ZOLIP (NOPT) (FB)		204.32 / 13.72				2800							
REGOY (IAF)		ZOLIP (NOPT) (FB)		299.51 / 4.86				2800							
ZOLIP (IF/IAF)		PEDIC (FB)		240.27 / 6.08				2300							
PEDIC (FAF)		ZINOB/2.40 NM TO RW24 (FB)		240.20 / 2.51											
ZINOB/2.40 NM TO RW24		RW24 (MAP) (FO)		240.20 / 2.40											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE ZOLIP, RT, 240.27 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 240.20 FAF: PEDIC DIST FAF TO MAP: 4.92 THLD: 4.92 4. MIN. ALT: ZOLIP 2800, PEDIC 2300, ZINOB/2.40 NM TO RW24 1500* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2300 GS ALT AT: PEDIC 2300 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.4 34:1 IS CLEAR 8. MSA FROM: RW24 3100										MAG VAR: 1W		EPOCH YEAR: 2000			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		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
LPV DA	932	3/4	250	932	3/4	250	932	3/4	250	932	3/4	250			
LNAV/VNAV DA	1088	1 3/8	406	1088	1 3/8	406	1088	1 3/8	406	1088	1 3/8	406			
LNAV MDA	1060	1	378	1060	1	378	1060	1	378	1060	1	378			
CIRCLING	1140	1	458	1240	1	558	1360	2	678	1360	2 1/4	678			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F). CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LOGAN COUNTY ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)															
CITY AND STATE DECATUR, IL		ELEVATION: 682 TDZE: 682 AIRPORT NAME: DECATUR		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 31 MARCH 2016				SUP:		QUALITY 22 CHECKED			
										AMDT: ORIG-A					
										DATED 05/02/2013					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW24 (MAP)	932 MSL	240.20	
932 MSL	FIKDO (FO)		2300

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOGAN COUNTY ALTIMETER SETTING; INCREASE LPV DA TO 1012 FEET AND VISIBILITY ALL CATS 1/4 MILE, LNAV/VNAV DA TO 1168 FEET AND VISIBILITY ALL CATS 1/4 MILE; INCREASE ALL MDA 80 FEET AND LNAV VISIBILITY CATS C/D 3/8 MILE, CIRCLING VISIBILITY CATS C/D 1/4 MILE.

CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT EWITT ON V313 NORTHBOUND, V233 NORTHEAST BOUND.

PROCEDURE NA FOR ARRIVALS AT LODGE ON V191 NORTHEAST BOUND, V434 WESTBOUND. PROCEDURE NA FOR ARRIVALS AT REGOY ON V72 SOUTHEAST BOUND, V251 NORTHEAST BOUND.

CHART NOTE: NIGHT LANDING: RWY 12 NA.

QUALITY
22
CHECKED

CITY AND STATE
DECATUR, IL

ELEVATION: 682 TDZE: 682
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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 24, AMDT 1
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEC
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	395020.6245N
LTP/FTP LONGITUDE	0885054.7865W
LTP/FTP ELLIPSOIDAL HEIGHT	+01755
FPAP LATITUDE	394934.8735N
FPAP LONGITUDE	0885234.0630W
THRESHOLD CROSSING HEIGHT (TCH)	00052.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

26C6E001

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02078
FPAP ORTHOMETRIC HEIGHT	+02078

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KDEC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
EWITT	010	EWITT	IF	FB										E A
EWITT	020	ZOLIP	TF	FB	1.0	156.7						AA 02800		EE B
LODGE	010	LODGE	IF	FB										E A
LODGE	020	ZOLIP	TF	FB	1.0	204.3						AA 02800		EE B
REGOY	010	REGOY	IF	FB										E A
REGOY	020	ZOLIP	TF	FB	1.0	299.5						AA 02800		EE B
ZOLIP	010	ZOLIP	HF	FO		240.3			R			AA 02800		EE A
	010	ZOLIP	IF	FB								AA 02800		E I
	020	PEDIC	TF	FB	0.5	240.3				RW24		AA 02300		E F
	021	ZINOB	TF	FB	0.3	240.2		3.00				AA 01500 GS 01500		E S
	030	RW24	TF	FO	0.3	240.2		3.00				AT 00734		GY M
	040		CA	FB		240.2						AA 00932		M
	050	FIKDO	DF	FO								AA 02300		EY
	060	FIKDO	HM	FO		060.0			R			AA 02300		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
EWITT	N401218.43	W0884813.87
FIKDO	N394400.37	W0890437.16
LODGE	N400835.76	W0883134.60
PEDIC	N395251.94	W0884525.82
REGOY	N395339.57	W0883304.97
ZINOB	N395134.66	W0884813.94
ZOLIP	N395558.79	W0883838.27

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW24	N395020.62	W0885054.79	00682	52.4

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