

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: RW18 CLIMB TO 2300 DIRECT OKEVE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 000.10 INBOUND. CHART FAS OBST: 936 CRANE 395153N/0885314W DISTANCE TO THLD FROM 272 HAT: 0.68 NM. CHART VDP AT 1.59 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 82038 REFERENCE PATH ID: W18A CHART CIRCLING ICON. LTP HAE: 174.6 M											
KENNS (IAF)	HEPAX (NOPT) (FB)	099.17 / 12.35	2500												
LODGE (IAF)	HEPAX (NOPT) (FB)	249.24 / 17.47	2500												
HEPAX (IF/IAF)	GATKE (FB)	180.10 / 6.04	2500												
GATKE (FAF)	RW18 (MAP) (FO)	180.12 / 5.55													
RW18 (MAP)	952 MSL	180.12													
952 MSL	OKEVE (FO)		2300												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N HEPAX, RT, 180.12 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: 180.12 FAF: GATKE DIST FAF TO MAP: 5.55 THLD: 5.55 4. MIN. ALT: HEPAX 2500, GATKE 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: GATKE 2500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR 8. MSA FROM: RW18 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	952	7/8	272	952	7/8	272	952	7/8	272	952	7/8	272			
LNAV/VNAV DA	1246	1 7/8	566	1246	1 7/8	566	1246	1 7/8	566	1246	1 7/8	566			
LNAV MDA	1240	1	560	1240	1	560	1240	1 5/8	560	1240	1 5/8	560			
CIRCLING	1240	1	558	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)								@ NA WHEN LOCAL WEATHER NOT AVAILABLE. @ CAT D 800-2 1/4							
CITY AND STATE DECATUR, IL		ELEVATION: 682 TDZE: 680 AIRPORT NAME: DECATUR		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 31 MARCH 2016				SUP: AMDT: ORIG-A DATED 05/02/2013					

 QUALITY
22
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION 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.			
NOTES, (CONT.): CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOGAN COUNTY ALTIMETER SETTING: INCREASE LPV DA TO 1032 FEET AND VISIBILITY ALL CATS 1/4 MILE, LNAV/VNAV DA TO 1326 FEET AND VISIBILITY ALL CATS 5/8 MILE; INCREASE ALL MDA 80 FEET AND LNAV VISIBILITY CATS C/D 1/8 MILE, CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT LODGE ON V434 SOUTHEAST BOUND, V191 NORTHEAST BOUND AND FOR ARRIVALS AT KENNS ON V233 SOUTHWEST BOUND. CHART NOTE: NIGHT LANDING: RWY 12 NA.						
CITY AND STATE DECATUR, IL	ELEVATION: 682 AIRPORT NAME: DECATUR	TDZE: 680	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 31 MARCH 2016	SUP:	QUALITY 22 CHECKED
					AMDT:	ORIG-A
					DATED:	05/02/2013

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEC
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	395029.2235N
LTP/FTP LONGITUDE	0885227.7425W
LTP/FTP ELLIPSOIDAL HEIGHT	+01746
FPAP LATITUDE	394900.0635N
FPAP LONGITUDE	0885225.9665W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 D37C1F88

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02069
FPAP ORTHOMETRIC HEIGHT	+02069

CITY AND STATE
DECATUR, IL

ELEVATION: 682 TDZE: 680
AIRPORT NAME:
DECATUR

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, AMDT 1
31 MARCH 2016

SUP:
AMDT: ORIG-A
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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
HEPAX	010	HEPAX	HF	FO		180.1			R			AA 02500		EE A
KENNS	010	KENNS	IF	FB										E A
KENNS	020	HEPAX	TF	FB	1.0	099.2						AA 02500		EE B
LODGE	010	LODGE	IF	FB										E A
LODGE	020	HEPAX	TF	FB	1.0	249.2						AA 02500		EE B
	010	HEPAX	IF	FB								AA 02500		E I
	020	GATKE	TF	FB	1.0	180.1				RW18		AA 02500		E F
	030	RW18	TF	FO	0.3	180.1		3.00				AT 00733		GY M
	040		CA	FB		180.1						AA 00952		M
	050	OKEVE	DF	FO								AA 02300		EY
	060	OKEVE	HM	FO		000.1			R			AA 02300		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
GATKE	N395602.38	W0885234.39
HEPAX	N400205.10	W0885241.80
KENNS	N400351.58	W0890836.90
LODGE	N400835.76	W0883134.60
OKEVE	N393836.41	W0885213.42

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW18	N395029.22	W0885227.74	00679	54

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	AIRPORT NAME: DECATUR				AMDT: ORIG-A
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