

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.

**TERMINAL ROUTES**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AXC VORTAC	FIKDO (FO)	269.70 / 10.21	2200
LATHA (IAF)	FIKDO (NOPT) (FB)	116.49 / 6.78	2200
PANAE (IAF)	FIKDO (NOPT) (FB)	009.90 / 14.97	2200
FIKDO (IF/IAF)	HIXAN (FB)	059.99 / 6.36	2200
HIXAN (FAF)	RW06 (MAP) (FO)	060.07 / 4.56	
RW06 (MAP)	950 MSL	060.07	
950 MSL	ZOLIP (FO)		2800

This is a corrected copy of a procedure published in TL 10-18, dated 7.23.2010

\*\* Change all reference of AXS VORTAC to AXC VORTAC. \*\*

**MISSED APPROACH**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW06

CLIMB TO 2800 DIRECT ZOLIP AND HOLD.

ADDITIONAL FLIGHT DATA:  
HOLD NE, RT, 240.27 INBOUND.  
CHART FAS OBST: 812 TOWER 394839N/0885314W  
CHART FAS OBST: 838 TOWER 394823N/0885532W  
CHART 863 TOWER 394754N/0885710W.  
DISTANCE TO THLD FROM 274 HAT: 0.69 NM.  
CHART VDP AT 1.16 MILES TO RW06\*  
\*LNAV ONLY.  
WAAS CHANNEL # 86207  
REFERENCE PATH ID: W06A  
LTP HAE: 172.5 M

MAG VAR: 1W      EPOCH YEAR: 2000

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW FIKDO, RT, 059.99 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
- FAC: 060.07 FAF: HIXAN DIST FAF TO MAP: 4.56 THLD: 4.56
- MIN. ALT: FIKDO 2200, HIXAN 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: HIXAN 2200 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 57.2 34:1 IS CLEAR
- MSA FROM: RW06 3100

**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	950	2400	274	950	2400	274	950	2400	274	950	2400	274			
LNAV/VNAV DA	1100	5000	424	1100	5000	424	1100	5000	424	1100	5000	424			
LNAV MDA	1100	2400	424	1100	2400	424	1100	4000	424	1100	5000	424			
CIRCLING	1200	1	518	1200	1	518	1240	1 1/2	558	1300	2	618			

**NOTES:**  
CHART NOTE: FOR INOPERATIVE MALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
(SEE FORM 8260-10)

CITY AND STATE DECATUR, IL	ELEVATION: 682 TDZE: 676 AIRPORT NAME: DECATUR	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG-A 23 SEP 2010	SUP: AMDT: ORIG DATED 10/27/2005
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NOTES, (CONT.):  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LOGAN COUNTY ALTIMETER SETTING.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOGAN COUNTY ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET, INCREASE ALL CATS LPV AND LNAV/VNAV VISIBILITY 1/4 MILE. INCREASE LNAV CAT C AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.  
 CHART NOTE: FOR INOPERATIVE MALSR WHEN USING LOGAN COUNTY ALTIMETER SETTING INCREASE LPV VISIBILITY TO 1 1/4 MILE.

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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	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	394937.5500N
LTP/FTP LONGITUDE	0885228.2600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01725
FPAP LATITUDE	395020.7300N
FPAP LONGITUDE	0885054.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00057.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER D3D4C1C2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02049
FPAP ORTHOMETRIC HEIGHT	+02049

CITY AND STATE

DECATUR, IL

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TDZE: 676

AIRPORT NAME:

DECATUR

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RNAV

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RNAV (GPS) RWY 6, ORIG-A

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ARINC PACKET - 424-18 - RNAV (GPS)

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAD	AXC	K5011720VTHA N39441503W088512296				N39441503W088512296E0030007002				NARADDERS				
WP	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAEAENRT	FIKDO	K50	W	N39440037W089043716				W0020	NAR	FIKDO				
SUSAEAENRT	HIKAN	K50	W	N39471705W088573257				W0021	NAR	HIKAN				
SUSAEAENRT	LATHA	K50	C	L	N39465589W089123324				W0019	NAR	LATHA			
SUSAEAENRT	PANAE	K50	C	L	N39291236W089073717				W0019	NAR	PANAE			
SUSAEAENRT	ZOLIP	K50	W	N39555879W088383827				W0023	NAR	ZOLIP				
AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KDECK5ADEC	0	084YHN39500443W088515648W001000682				1800018000C		MNAR	DECATUR				
SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KDECK5FR06	AAXC	010AXC	K5D	OV	IF				18000	A JS			
SUSAP	KDECK5FR06	AAXC	020FIKDK05EA0EY	020TF	26970102			+ 02200		A JS				
SUSAP	KDECK5FR06	AAXC	030FIKDK05EA0EE	AR	HF	06000040			+ 02200		A JS			
SUSAP	KDECK5FR06	ALATHA	010LATHAK5EA0E	A	IF				18000		A JS			
SUSAP	KDECK5FR06	ALATHA	020FIKDK05EA0EE	B	010TF	11650068			+ 02200		A JS			
SUSAP	KDECK5FR06	APANAE	010PANAEK5EA0E	A	IF				18000		A JS			
SUSAP	KDECK5FR06	APANAE	020FIKDK05EA0EE	B	010TF	00990150			+ 02200		A JS			
SUSAP	KDECK5FR06	R	010FIKDK05EA0E	I	IF				18000		A JS			
SUSAP	KDECK5FR06	R	020HIXANK5EA1E	F	051TF	06000064			+ 02200		RW06		K5PGA	JS
SUSAP	KDECK5FR06	R	020HIXANK5EA2WALPV	ALNAV/VNAV ALNAV						JS				
SUSAP	KDECK5FR06	R	030RW06	K5PGOGY	M	031TF	06010046		00730	-300		A JS		
SUSAP	KDECK5FR06	R	040	0 M		010CA	0601		+ 00950		A JS			
SUSAP	KDECK5FR06	R	050ZOLIPK5EA0EY	010DF				+ 02800		A JS				
SUSAP	KDECK5FR06	R	060ZOLIPK5EA0EE	R020HM				24030040		+ 02800		A JS		

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDECK5GRW06	0084960601	N39493755W088522826+0100	+0172500672000057150I									

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDECK5PR06	RW06 001	0000W06A0N3949375500W08852282600+017250300N3950207300W08850545700106500008000572F400500D3D4C1C2										
SUSAP	KDECK5PR06	RW06 002E	+02049+02049LPV	86207									

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDECK5SRW06	K5PG	0	18018003125	M								

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