

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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	
RUSLL	HERVY (FB)	156.11 / 13.33	2700	LPV: DA LNAV/VNAV: DA LNAV: RW02
SWETT	JITUV (FB)	259.98 / 5.62	2700	
KELSI (IAF)	TUGBY (FB)	027.83 / 20.53	2700	CLIMB TO 3000 DIRECT JUDVI AND VIA 057.22 TRACK TO YEARN AND HOLD.
JITUV (IAF)	TUGBY (FB)	291.51 / 5.00	2700	
HERVY (IAF)	TUGBY (FB)	111.37 / 5.48	2700	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 057.22 INBOUND. CHART FAS OBST: 1050 TOWER 415456N/0884154W CHART 1383 TOWER 415233N/0884516W. DISTANCE TO THLD FROM 294 HAT: 0.75 NM. CHART VDP AT 1.34 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 58109 REFERENCE PATH ID: W02A
TUGBY (IF)	JINYO (FB)	021.44 / 6.14	2700	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT TUGBY
3. FAC: 021.47 FAF: JINYO DIST FAF TO MAP: 5.36 THLD: 5.36
4. MIN. ALT: TUGBY 2700, JINYO 2700, VIYUD/2.60 NM TO RW02 1800*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2700 GS ALT AT: JINYO OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW02 2600

MAG VAR: 2W EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF:	STANDARD	X	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	1207	1	294	1207	1	294	1207	1	294	1207	1	294			
LNAV/VNAV DA	1360	1 1/2	447	1360	1 1/2	447	1360	1 1/2	447	1360	1 1/2	447			
LNAV MDA	1360	1	447	1360	1	447	1360	1 1/4	447	1360	1 1/2	447			
CIRCLING	1360	1	446	1480	1	566	1540	1 3/4	626	1540	2	626			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING AURORA ALTIMETER SETTING. @ 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.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELSI VIA V9-128 SOUTHBOUND.
SEE 8260-10

CITY AND STATE DE KALB, IL	ELEVATION: 914 TDZE: 913 AIRPORT NAME: DE KALB TAYLOR MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, ORIG 25 SEP 2008	SUP: AMD: NONE DATED
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QUALITY
CHECKED

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NOTES CONT.**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HERVY VIA V6 WESTBOUND.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SWETT VIA V171 SOUTHEAST BOUND.*****LNAV ONLY****CHART NOTE: VDP NA WHEN USING AURORA ALTIMETER SETTING.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE****ALL DA 61 FEET AND ALL MDA 80 FEET; INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES, LNAV CATS C/D VISIBILITY, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.**

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25 SEP 2008

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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	KDKB
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	415539.4755N
LTP/FTP LONGITUDE	0884224.4250W
LTP/FTP ELLIPSOIDAL HEIGHT	+02452
FPAP LATITUDE	415644.9700N
FPAP LONGITUDE	0884153.3700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 343F7A8C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02782
FPAP ORTHOMETRIC HEIGHT	+02782

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDKBK5FR02	AKELSI	010KELSIK5EA0E	A	IF					18000		A	JS
SUSAP	KDKBK5FR02	AKELSI	020TUGBYK5EA0EE		010TF		02780205	+	02700			A	JS
SUSAP	KDKBK5FR02	ARUSLL	010RUSLLK5EA0E		IF					18000		A	JS
SUSAP	KDKBK5FR02	ARUSLL	020HERVYK5EA0E	A	020TF		15610133	+	02700			A	JS
SUSAP	KDKBK5FR02	ARUSLL	030TUGBYK5EA0EE		010TF		11140055	+	02700			A	JS
SUSAP	KDKBK5FR02	ASWETT	010SWETT K5EA0E		IF					18000		A	JS
SUSAP	KDKBK5FR02	ASWETT	020JITUVK5EA0E	A	020TF		26000056	+	02700			A	JS
SUSAP	KDKBK5FR02	ASWETT	030TUGBYK5EA0EE		010TF		29150050	+	02700			A	JS
SUSAP	KDKBK5FR02	R	010TUGBYK5EA0E	I	IF			+	02700	18000		A	JS
SUSAP	KDKBK5FR02	R	020JINYOK5EA1E	F	051TF		02140061	+	02700		RW02	K5PGA	JS
SUSAP	KDKBK5FR02	R	020JINYOK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KDKBK5FR02	R	021VIYUDK5EA0E	S	031TF		02150028	V	0180001802		-300	A	JS
SUSAP	KDKBK5FR02	R	030RW02	K5PG0GY	M	031TF	02150026		00968		-300	A	JS
SUSAP	KDKBK5FR02	R	040JUDVIK5EA0E	M	010DF							A	JS
SUSAP	KDKBK5FR02	R	050YEARNK5EA0EY		010TF		0572	+	03000			A	JS
SUSAP	KDKBK5FR02	R	060YEARNK5EA0EE		HR020HM		05720040	+	03000			A	JS

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KDKBK5GRW02	0070260215	N41553948W	088422443	-0100									

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KDKBK5PR02	RW02	001	0000W02A0N	4155394755W	08842244250	+024520300N	4156449700W	088415337001	06750000000550F	400500343F	7A8C		
SUSAP KDKBK5PR02	RW02	002E		+02782+02782LPV	58109		000						

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KDKBK5SRW02	K5PG		0	18018002625								M	

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KELSI	KELSI	010	IAF	IF		FB				
	KELSI	TUGBY	020		TF		FB	1.0	027.8(026T)	020.5	02700
	RUSLL	RUSLL	010		IF		FB				
	RUSLL	HERVY	020	IAF	TF		FB	2.0	156.1(154T)	013.3	02700
	RUSLL	TUGBY	030		TF		FB	1.0	111.4(109T)	005.5	02700
	SWETT	SWETT	010		IF		FB				
	SWETT	JITUV	020	IAF	TF		FB	2.0	260.0(258T)	005.6	02700
	SWETT	TUGBY	030		TF		FB	1.0	291.5(290T)	005.0	02700
		TUGBY	010	FACF	IF		FB				02700
		JINYO	020	FAF	TF		FB	0.5	021.4(019T)	006.1	02700
		VIYUD	021	SDF	TF		FB	0.3	021.5(020T)	002.8	01800
		RW02	030	MAP	TF		FO	0.3	021.5(020T)	002.6	00968

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUDVI	040		DF		FB	1.0			
	YEARN	050		TF		FO	1.0	057.2(055T)		03000
	YEARN	060		HM	R	FO	2.0	057.2(055T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HERVY	N414638.10	W0885426.51	N4146.635	W08854.442
	JINYO	N415036.16	W0884448.06	N4150.603	W08844.801
	JITUV	N414308.73	W0884114.29	N4143.146	W08841.238
	JUDVI	N420116.87	W0883944.15	N4201.281	W08839.736
	KELSI	N412620.37	W0885929.04	N4126.340	W08859.484
	RUSLL	N415838.29	W0890213.42	N4158.638	W08902.224
	SWETT	N414419.19	W0883354.03	N4144.320	W08833.901
	TUGBY	N414448.80	W0884732.06	N4144.813	W08847.534
	VIYUD	N415312.36	W0884334.15	N4153.206	W08843.569
	YEARN	N420431.93	W0883326.85	N4204.532	W08833.448
	RW02	N415539.48	W0884224.43	N4155.658	W08842.407

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW02	00913		55

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