

<b>RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33</b>				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.													
<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>																	
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>							
FROM	TO			COURSE AND DISTANCE						ALTITUDE		<b>LPV: DA LNAV/VNAV: DA LNAV: RW33</b>  <b>CLIMB TO 2700 DIRECT RIBCO AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD NW, RT, 149.40 INBOUND. CHART FAS OBST: 905 TREE 390001N/0951244W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.08 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 57913 REFERENCE PATH ID: W33A CHART APT ELEV 833.					
CECAS (IAF)	GOLEY (NOPT) (FB)			059.48 / 5.00						3100							
DIBDE (IAF)	GOLEY (NOPT) (FB)			239.60 / 5.00						3100							
GOLEY (IF/IAF)	JITER (FB)			329.54 / 6.04						2900							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE GOLEY, RT, 329.54 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: 329.51 FAF: JITER _____ DIST FAF TO MAP: 6.23 THLD: 6.23 4. MIN. ALT: GOLEY 3100, JITER 2900, HUTUS/2.00 NM TO RW33 1520* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2900 GS ALT AT: JITER _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.2 34:1 IS CLEAR 8. MSA FROM: _____										MAG VAR: 4E EPOCH YEAR: 2005							
<b>MINIMUMS</b>																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA		<b>STANDARD @</b>					
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	1031	1/2	200	1031	1/2	200	1031	1/2	200		NA						
LNAV/VNAV DA	1200	3/4	369	1200	3/4	369	1200	3/4	369		NA						
LNAV MDA	1220	1/2	389	1220	1/2	389	1220	1/2	389		NA						
CIRCLING		1420	1	587	1420	1	587	1440	1 3/4	607		NA					
<b>NOTES:</b> CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILIP BILLARD MUNI ALTIMETER SETTING SEE 8260-10																	
CITY AND STATE				ELEVATION: 833 TDZE: 831				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
LAWRENCE, KS				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 33, AMDT 1				AMDT: ORIG	
				LAWRENCE MUNI								02 JUL 2009				DATED 07/05/2007	

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**NOTES CONT.**

AND INCREASE ALL DA 52 FEET AND ALL MDA 60 FEET AND ALL LNAV/VNAV AND LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PHILIP BILLARD MUNI ALTIMETER SETTING.

\* LNAV ONLY.

**TAA**

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	240/30 CW 059/30 (NOPT)	GOLEY (IF/IAF) (FB)	3100
2.	059/30 CW 150/30	CECAS (IAF) (FB)	3100
3.	150/30 CW 240/30	DIBDE (IAF) (FB)	3100

CITY AND STATE

LAWRENCE, KS

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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	KLWC
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	390016.7670N
LTP/FTP LONGITUDE	0951240.0715W
LTP/FTP ELLIPSOIDAL HEIGHT	+02203
FPAP LATITUDE	390108.1000N
FPAP LONGITUDE	0951312.9200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
<u>CRC REMAINDER</u>	66F8D828

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02521
FPAP ORTHOMETRIC HEIGHT	+02521

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	10	11	12	13
SUSAP	KLWCK3FR33	ACECAS	010CECASK3EA0E	A	IF					18000			A JS
SUSAP	KLWCK3FR33	ACECAS	020GOLEYK3EA0EE		010TF		05950050	+	03100				A JS
SUSAP	KLWCK3FR33	ADIBDE	010DIBDEK3EA0E	A	IF					18000			A JS
SUSAP	KLWCK3FR33	ADIBDE	020GOLEYK3EA0EE		010TF		23960050	+	03100				A JS
SUSAP	KLWCK3FR33	AGOLEY	010GOLEYK3EA0EE	CR	HF		32350040	+	03100	18000			A JS
SUSAP	KLWCK3FR33	R	010GOLEYK3EA0E	I	IF			+	03100	18000			A JS
SUSAP	KLWCK3FR33	R	020JITERK3EA1E	F	051TF		32350060	+	02900				A JS
SUSAP	KLWCK3FR33	R	020JITERK3EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KLWCK3FR33	R	021HUTUSK3EA0E	S	031TF		32950042	V	0152001523		-300		A JS
SUSAP	KLWCK3FR33	R	030RW33	K3PG0GY	M	031TF	32950020		00852		-300		A JS
SUSAP	KLWCK3FR33	R	040RIBCOK3EA0EYM		010DF				02700				A JS
SUSAP	KLWCK3FR33	R	050RIBCOK3EA0EE		HR02CHM		14940040	+	02700				A JS

[illegible][illegible]

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SUSAP KIWCK3PR33 RW33 001 0000W33ACN3900167570W09512400715-022030300N3901091000W09513129200106750032000552F40035066FSD828  
SUSAP KIWCK3PR33 RW33 002E +02521+02521LPV 57913

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CECAS	CECAS	010	IAF	IF		FB				
	CECAS	GOLEY	020		TF		FB	1.0	059.5 (064T)	005.0	03100
	DIBDE	DIBDE	010	IAF	IF		FB				
	DIBDE	GOLEY	020		TF		FB	1.0	239.6 (244T)	005.0	03100
	GOLEY	GOLEY	010		HF	R	FB		329.5 (334T)	004.0	03100
		GOLEY	010	FACF	IF		FB				03100
		JITER	020	FAF	TF		FB	0.5	329.5 (334T)	006.0	02900
		HUTUS	021	SDF	TF		FB	0.3	329.5 (334T)	004.2	0152001523
		RW33	030	MAP	TF		FO	0.3	329.5 (334T)	002.0	00882

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RIBCO	040		DF		FO	1.0			02700
	RIBCO	050		HM	R	FO	2.0	149.4 (153T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CECAS	N384703.31	W0951122.78	N3847.055	W09511.380
	DIBDE	N385130.91	W0945955.48	N3851.515	W09459.925
	GOLEY	N384917.25	W0950539.31	N3849.288	W09505.655
	HUTUS	N385829.30	W0951131.34	N3858.488	W09511.522
	JITER	N385442.08	W0950906.24	N3854.701	W09509.104
	RIBCO	N391132.95	W0951953.92	N3911.549	W09519.899
	RW33	N390016.77	W0951240.07	N3900.280	W09512.668

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	00827	55

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