

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																
OBOPY (IAF)	OGREY (NOPT) (FB)	190.27 / 5.00	2600	LPV: DA LNAV/VNAV: DA LNAV: RW28 CLIMB TO 2600 DIRECT RESAW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 099.93 INBOUND. CHART FAS OBST: 791 STACKS 402502N/0865446W CHART 1060 TOWERS 2 402325N/0865153W. CHART 892 TOWER 402404.00N/0865210.00W. CHART HILLTOP MOA. WAAS CHANNEL # 82103 REFERENCE PATH ID: W28A DISTANCE TO THLD FROM 258 HAT: 0.67 NM															
JEPFE (IAF)	OGREY (NOPT) (FB)	010.25 / 5.00	2600																
OGREY (IF/IAF)	ILRAY (FB)	280.26 / 6.01	2300																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E OGREY, RT, 280.26 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>280.17</u> FAF: <u>ILRAY</u> DIST FAF TO MAP: <u>5.12</u> THLD: <u>5.12</u> 4. MIN. ALT: <u>OGREY 2600, ILRAY 2300, KUKDE/2.60 NM TO RW28 1460*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2300</u> GS ALT AT: <u>ILRAY</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>45.9</u> 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 1W EPOCH YEAR: 1985															
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	856	1	258	856	1	258	856	1	258	856	1	258							
LNAV/VNAV DA	1125	1 3/4	527	1125	1 3/4	527	1125	1 3/4	527	1125	1 3/4	527							
LNAV MDA	1060	1	462	1060	1	462	1060	1 1/4	462	1060	1 1/2	462							
CIRCLING	1160	1	554	1160	1	554	1160	1 1/2	554	1320	2 1/4	714							
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING VERMILION COUNTY ALTIMETER SETTING. 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 NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CONTINUED ON PAGE 2																			
CITY AND STATE				ELEVATION: 606 TDZE: 598				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
LAFAYETTE, IN				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 28, AMDT 1, 05/10/2007				AMDT: ORIG			
				PURDUE UNIVERSITY								MAY 10 2007				DATED 11/30/2000			

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NOTES CONT.

*LNAV ONLY

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERMILION COUNTY ALTIMETER SETTING AND INCREASE ALL DAS 89 FEET, ALL MDAS 100 FEET.

TAA

	FROM	TO	ALT
1.	190/30 CW 010/30 (NOPT)	OGREY (IF/IAF) (FB)	2600
2.	010/30 CW 100/30	JEPFE (IAF) (FB)	2600
3.	100/30 CW 190/30	OBOPY (IAF) (FB)	2600

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAF
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	402439.9625N
LTP/FTP LONGITUDE	0865539.1065W
LTP/FTP ELLIPSOIDAL HEIGHT	+01486
FPAP LATITUDE	402454.0500N
FPAP LONGITUDE	0865734.2900W
THRESHOLD CROSSING HEIGHT (TCH)	00045.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0736
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FEE7E8FF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01822
FPAP ORTHOMETRIC HEIGHT	+01822

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLAFK5FR28	AJEPFE	010JEPFEK5EA0E	A	IF					18000		A	JS
SUSAP	KLAFK5FR28	AJEPFE	020OGREYK5EA0EE		010TF		01030050	+	02600			A	JS
SUSAP	KLAFK5FR28	AOBOPY	010OBOPYK5EA0E	A	IF					18000		A	JS
SUSAP	KLAFK5FR28	AOBOPY	020OGREYK5EA0EE		010TF		19030050	+	02600			A	JS
SUSAP	KLAFK5FR28	AOGREY	010OGREYK5EA0EE	CR	HF		28030050	+	02600	18000		A	JS
SUSAP	KLAFK5FR28	R	010OGREYK5EA0E	I	IF			+	02600	18000		A	JS
SUSAP	KLAFK5FR28	R	020ILRAYK5EA0E	F	051TF		28030060	+	02300			A	JS
SUSAP	KLAFK5FR28	R	021KUKDEK5EA0E	S	031TF		28020025	V	0146001478		-300	A	JS
SUSAP	KLAFK5FR28	R	030RW28	K5PGOGY	M 031TF		28020026		00644		-300	A	JS
SUSAP	KLAFK5FR28	R	040RESAWK5EA0EYM		010DF			+	02600			A	JS
SUSAP	KLAFK5FR28	R	050RESAWK5EA0EY	HR020HM			09990050	+	02600			A	JS

[illegible][illegible]

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SUSAP KLAFK5PR28 RW28 002

+01822+01822W28A

82103

000

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JEPFE	JEPFE	010	IAF	IF		FB				
	JEPFE	OGREY	020		TF		FB	1.0	010.3 (009T)	005.0	02600
	OBOPY	OBOPY	010	IAF	IF		FB				
	OBOPY	OGREY	020		TF		FB	1.0	190.3 (189T)	005.0	02600
	OGREY	OGREY	010		HF	R	FB		280.3 (279T)	005.0	02600
		OGREY	010	FACF	IF		FB				02600
		ILRAY	020	FAF	TF		FB	0.5	280.3 (279T)	006.0	02300
		KUKDE	021	SDF	TF		FB	0.3	280.2 (279T)	002.5	01460
		RW28	030	MAP	TF		FO	0.3	280.2 (279T)	002.6	00644

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RESAW	040		DF		FO	1.0			02600
	RESAW	050		HM	R	FO	2.0	099.9 (099T)	005.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ILRAY	N402351.11	W0864901.75	N4023.852	W08649.029
	JEPFE	N401757.06	W0864219.33	N4017.951	W08642.322
	KUKDE	N402415.22	W0865217.47	N4024.254	W08652.291
	OBOPY	N402749.66	W0864012.99	N4027.828	W08640.217
	OGREY	N402253.37	W0864116.24	N4022.890	W08641.271
	RESAW	N402634.67	W0871124.71	N4026.578	W08711.412
	RW28	N402439.96	W0865539.11	N4024.666	W08655.652

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00598	46

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