

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
VLA VORTAC	OREPE (FB)	252.51 / 24.83	3000	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 3000 DIRECT KUYLE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.76 INBOUND. CHART FAS OBST: 753 TREE 390902N/0894011W CHART FAS OBST: 951 TOWER 390700N/0894122W DISTANCE TO THLD FROM 276 HAT: 0.75 NM. CHART VDP AT 1.74 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 40403 REFERENCE PATH ID: W36A
PRAYS (IAF)	OREPE (NOPT) (FB)	087.51 / 9.23	3000	
OREPE (IF/IAF)	LIYPE (FB)	358.76 / 6.04	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S OREPE, RT, 358.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 358.76 FAF: LIYPE DIST FAF TO MAP: 4.59 THLD: 4.59
- MIN. ALT: OREPE 3000, LIYPE 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: LIYPE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM: RW36 2300

MAG VAR: 1E EPOCH YEAR: 1990

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	958	1	276	958	1	276	958	1	276		NA				
LNAV/VNAV DA	1013	1 1/4	331	1013	1 1/4	331	1013	1 1/4	331		NA				
LNAV MDA	1260	1	578	1260	1	578	1260	1 1/2	578		NA				
CIRCLING	1260	1	570	1260	1	570	1260	1 1/2	570		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT OREPE ON V191 NORTHEAST BOUND.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND SEE 8260-10.
 Ⓞ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE LITCHFIELD, IL	ELEVATION: 690 TDZE: 682 AIRPORT NAME: LITCHFIELD MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG-A DEC 20 2007	SUP: AMDT: ORIG DATED 05/10/2007
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NOTES CONT.

INCREASE ALL DA'S 73 FEET AND ALL MDA'S 80 FEET.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TAYLORVILLE ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C(130F).

CITY AND STATE

LITCHFIELD, IL

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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	3LF
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	390908.1000N
LTP/FTP LONGITUDE	0894020.3025W
LTP/FTP ELLIPSOIDAL HEIGHT	+01760
FPAP LATITUDE	391037.2800N
FPAP LONGITUDE	0894020.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 1B3ABC89

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02073
FPAP ORTHOMETRIC HEIGHT	+02073

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	AIRPORT NAME: LITCHFIELD MUNI			AMDT: ORIG
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 SUSAP 3LF K5PR36 RW36 001 0000W36A0N3909081000W08940203025+017600300N3910372800W08940207800106751528000400F4005001B3ABC89 I
 SUSAP 3LF K5PR36 RW36 002 +02073+02073LPV 40403 000 I

 MSA 1 2 3 4 5 6 7 8 9 0 1 2 3
 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

 SUSAP 3LF K5SRW36 K5PG 0 25180023 M I

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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
	PRAYS	PRAYS	010	IAF	IF		FB				
	PRAYS	OREPE	020		TF		FB	1.0	087.5 (089T)	009.2	03000
	VLA	VLA	010		IF		FB				
	VLA	OREPE	020		TF		FB	2.0	252.5 (254T)	024.8	03000
	VLA	OREPE	030		HF	R	FB		358.8 (360T)	005.0	03000
		OREPE	010	FACF	IF		FB				03000
		LIYPE	020	FAF	TF		FB	0.5	358.8 (360T)	006.0	02200
		RW36	030	MAP	TF		FO	0.3	358.8 (360T)	004.6	00720

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KUYLE	040		DF		FO	1.0			03000
	KUYLE	050		HM	R	FO	2.0	178.8 (180T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VLA	N390537.26	W0890944.87	N3905.621	W08909.748
	KUYLE	N392048.25	W0894024.07	N3920.804	W08940.401
	LIYPE	N390432.70	W0894018.82	N3904.545	W08940.314
	OREPE	N385829.91	W0894016.87	N3858.499	W08940.281
	PRAYS	N385816.06	W0895206.50	N3858.268	W08952.108
	RW36	N390908.10	W0894020.30	N3909.135	W08940.338

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00680	40

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