

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									
VLA VORTAC	NECIY (FB)	308.04 / 24.18	3000	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 3000 DIRECT OREPE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.76 INBOUND. CHART FAS OBST: 779 SIGN 391037N/0894035W CHART FAS OBST: 846 TANK 391018N/0893959W DISTANCE TO THLD FROM 312 HAT: 0.85 NM. CHART VDP AT 1.23 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 58203 REFERENCE PATH ID: W18A								
DAYRE	NECIY (FB)	282.35 / 11.57	3000									
NECIY (IAF)	KUYLE (NOPT) (FB)	268.83 / 5.00	3000									
LITCH (IAF)	KUYLE (NOPT) (FB)	117.26 / 5.48	3000									
KUYLE (IF/IAF)	JINVO (FB)	178.76 / 6.12	2300									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N KUYLE, RT, 178.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>178.76</u> FAF: <u>JINVO</u> DIST FAF TO MAP: <u>4.88</u> THLD: <u>4.88</u> 4. MIN. ALT: <u>KUYLE 3000, JINVO 2300</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2300</u> GS ALT AT: <u>JINVO</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW18 2300</u>				MAG VAR: 1E EPOCH YEAR: 1990								
MINIMUMS												
TAKEOFF: <u> </u>	STANDARD <u>X</u>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	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
LPV DA	997	1	312	997	1	312	997	1	312		NA	
LNAV/VNAV DA	1112	1 1/2	427	1112	1 1/2	427	1112	1 1/2	427		NA	
LNAV MDA	1100	1	415	1100	1	415	1100	1 1/4	415		NA	
CIRCLING	1160	1	470	1160	1	470	1160	1 1/2	470		NA	
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL DA'S 73 FEET AND ALL MDA'S 80 FEET. SEE 8260-10												
CITY AND STATE		ELEVATION: 690 TDZE: 685		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
LITCHFIELD, IL		AIRPORT NAME: LITCHFIELD MUNI				RNAV (GPS) RWY 18, ORIG-A		AMDT: ORIG				
						DEC 20 2007		DATED 05/10/2007				

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NOTES CONT.

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

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER 3LF
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 390947.6585N
LTP/FTP LONGITUDE 0894020.5070W
LTP/FTP ELLIPSOIDAL HEIGHT +01776
FPAP LATITUDE 390818.4800N
FPAP LONGITUDE 0894020.0300W
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

CRC REMAINDER

D0336760

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02088
FPAP ORTHOMETRIC HEIGHT +02088

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 3LF K5FR18	ADAYRE	010DAYREK5EA0E	IF							18000		A JS	I
SUSAP 3LF K5FR18	ADAYRE	020NECIYK5EA0E	A 020TF			28240116	+	03000				A JS	I
SUSAP 3LF K5FR18	ADAYRE	030KUYLEK5EA0EE	L010TFY			26880050	+	03000				A JS	I
SUSAP 3LF K5FR18	AKUYLE	010KUYLEK5EA0EE	CR HF			17880050	+	03000		18000		A JS	I
SUSAP 3LF K5FR18	ALITCH	010LITCHK5EA0E	A IF							18000		A JS	I
SUSAP 3LF K5FR18	ALITCH	020KUYLEK5EA0EE	010TF			11730055	+	03000				A JS	I
SUSAP 3LF K5FR18	AVLA	010VLA K5D 0V	IF							18000		A JS	I
SUSAP 3LF K5FR18	AVLA	020NECIYK5EA0E	A 020TF			30800242	+	03000				A JS	I
SUSAP 3LF K5FR18	AVLA	030KUYLEK5EA0EE	L010TFY			26880050	+	03000				A JS	I
SUSAP 3LF K5FR18	R	010KUYLEK5EA0E	I IF				+	03000		18000		A JS	I
SUSAP 3LF K5FR18	R	020JINVOK5EA0E	F 051TF			17880061	+	02300			RW18	K5PGA JS	I
SUSAP 3LF K5FR18	R	030RW18 K5PGOGY	M 031TF			17880049		00725		-300		A JS	I
SUSAP 3LF K5FR18	R	040OREPEK5EA0EYM	010DF				+	03000				A JS	I
SUSAP 3LF K5FR18	R	050OREPEK5EA0EE	HR020HM			35880050	+	03000				A JS	I

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

SUSAP 3LF K5GRW18 0040031788 N39094766W089402051-0100 00685000040075 I

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

SUSAP 3LF K5PR18 RW18 001 0000W18A0N3909476585W08940205070+017760300N3908184800W08940200300106751528000400F400500D0336760I
SUSAP 3LF K5PR18 RW18 002 +02088+02088LPV 58203 000 I

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

SUSAP 3LF K5SRW18 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
	DAYRE	DAYRE	010		IF		FB				
	DAYRE	NECIY	020	IAF	TF		FB	2.0	282.4 (283T)	011.6	03000
	DAYRE	KUYLE	030		TF	L	FB	1.0	268.8 (270T)	005.0	03000
	KUYLE	KUYLE	010		HF	R	FB		178.8 (180T)	005.0	03000
	LITCH	LITCH	010	IAF	IF		FB				
	LITCH	KUYLE	020		TF		FB	1.0	117.3 (118T)	005.5	03000
	VLA	VLA	010		IF		FB				
	VLA	NECIY	020	IAF	TF		FB	2.0	308.0 (309T)	024.2	03000
	VLA	KUYLE	030		TF	L	FB	1.0	268.8 (270T)	005.0	03000
		KUYLE	010	FACF	IF		FB				03000
		JINVO	020	PAF	TF		FB	0.5	178.8 (180T)	006.1	02300
		RW18	030	MAP	TF		FO	0.3	178.8 (180T)	004.9	00725

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OREPE	040		DF		FO	1.0			03000
	OREPE	050		HM	R	FO	2.0	358.8 (360T)	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
	DAYRE	N391809.75	W0891926.28	N3918.163	W08919.438
	JINVO	N391440.46	W0894022.09	N3914.674	W08940.368
	KUYLE	N392048.25	W0894024.07	N3920.804	W08940.401
	LITCH	N392324.32	W0894637.54	N3923.405	W08946.626
	NECIY	N392049.33	W0893357.35	N3920.822	W08933.956
	OREPE	N385829.91	W0894016.87	N3858.499	W08940.281
	RW18	N390947.66	W0894020.51	N3909.794	W08940.342

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00685	40

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