

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		LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 2900 DIRECT UNIVY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 136.33 INBOUND. CHART FAS OBST: 1228 TREE 450531N/0942947W CHART FAS OBST: 1229 TREE 450550N/0943000W DISTANCE TO THLD FROM 249 HAT: 0.66 NM. CHART VDP AT 0.94 MILES TO RW31**LNAV ONLY. WAAS CHANNEL # 40319 REFERENCE PATH ID: W31A							
COMOS (IAF)		ANIML (NOPT) (FB)		039.00 / 26.66				2800									
MAYER (IAF)		ANIML (NOPT) (FB)		276.53 / 15.32				2800									
ANIML (IF/IAF)		EBVOF (FB)		316.57 / 6.01				2800									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE ANIML, RT, 316.57 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 316.50 FAF: EBVOF _____ DIST FAF TO MAP: 5.02 THLD: 5.02 4. MIN. ALT: ANIML 2800, EBVOF 2800, ZODBA/1.60 NM TO RW31 1680* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2800 GS ALT AT: EBVOF 2800 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 39.3 34:1 IS CLEAR 8. MSA FROM: RW31 3300										MAG VAR: 2E EPOCH YEAR: 2010							
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: NA		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	1389	1	249	1389	1	249	1389	1	249	1389	1	249					
LNAV/VNAV DA	1548	1 1/2	408	1548	1 1/2	408	1548	1 1/2	408	1548	1 1/2	408					
LNAV MDA	1480	1	340	1480	1	340	1480	1	340	1480	1	340					
CIRCLING		1600	1	460	1600	1	460	1600	1 1/2	460	1860	2 1/4	720				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING HUTCHINSON ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HUTCHINSON ALTIMETER SETTING AND SEE 8260-10																	
CITY AND STATE				ELEVATION: 1140 TDZE: 1140				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
LITCHFIELD, MN				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 31, ORIG				AMDT: NONE	
				LITCHFIELD MUNI								23 SEP 2010				DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

INCREASE ALL DA 46 FEET AND ALL MDA 60 FEET, AND INCREASE LNAV AND CIRCLING VISIBILITY CAT D 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAYER ON V171 SOUTHEAST BOUND.

CHART NOTE: VDP NA WITH HUTCHINSON ALTIMETER SETTING.

QUALITY
5
CHECKED

CITY AND STATE
LITCHFIELD, MN

ELEVATION: 1140 TDZE: 1140
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LITCHFIELD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
23 SEP 2010

SUP:
AMDT: NONE
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLJF
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	450534.8870N
LTP/FTP LONGITUDE	0943007.6265W
LTP/FTP ELLIPSOIDAL HEIGHT	+03206
FPAP LATITUDE	450641.5500N
FPAP LONGITUDE	0943131.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00039.3
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

020D4FAD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03474
FPAP ORTHOMETRIC HEIGHT	+03474

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KLJFK3FR31	AANIML	010ANIMLK3EA0EE	AR	HF			31660040	+ 02800	18000			A JS	
SUSAP KLJFK3FR31	ACOMOS	010COMOSK3EA0E	A	IF					18000			A JS	
SUSAP KLJFK3FR31	ACOMOS	020ANIMLK3EA0EE	B	010TF			03900267	+ 02800				A JS	
SUSAP KLJFK3FR31	AMAYER	010MAYERK3EA0E	A	IF					18000			A JS	
SUSAP KLJFK3FR31	AMAYER	020ANIMLK3EA0EE	B	010TF			27650153	+ 02800				A JS	
SUSAP KLJFK3FR31	R	010ANIMLK3EA0E	I	IF				+ 02800	18000			A JS	
SUSAP KLJFK3FR31	R	020EBVOFK3EA1E	F	051TF			31660060	+ 02800			RW31	K3PGA	JS
SUSAP KLJFK3FR31	R	020EBVOFK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KLJFK3FR31	R	021ZODBAK3EA0E	S	031TF			31650034	V	0168001691		-300	A JS	
SUSAP KLJFK3FR31	R	030RW31	K3PGOGY	M	031TF		31650016		01179		-300	A JS	
SUSAP KLJFK3FR31	R	040		M	010CA		3165	+ 01389				A JS	
SUSAP KLJFK3FR31	R	050UNIYIK3EA0EY		010DF				+ 02900				A JS	
SUSAP KLJFK3FR31	R	060UNIYIK3EA0EE		R020HM			13630040	+ 02900				A JS	

[illegible]

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AMDT:	NONE
DATED:	



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[illegible]

QUALITY
4
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SUP:	
AMDT:	NONE
DATED:	