

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW12 CLIMB TO 4100 DIRECT ODASE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 299.92 INBOUND. CHART FAS OBST: 1589 TREE 475046N/0915317W 1830 AAO 475145N/0915833W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.13 MILES TO RW12" "LNAV ONLY. WAAS CHANNEL # 86827 REFERENCE PATH ID: W12A CHART AIRPORT ELEV: 1456 LTP HAE: 409.2 M											
PUXIE (IF/IAF)	WALIB (FB)	119.53 / 6.00	3300												
WALIB (FAF)	HEGAM/2.20 NM TO RW12 (FB)	119.63 / 3.51													
HEGAM/2.20 NM TO RW12	RW12 (MAP) (FO)	119.69 / 2.20													
RW12 (MAP)	1643 MSL	119.69													
1643 MSL	ODASE (FO)		4100												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 0E EPOCH YEAR: 2000											
2. HOLD NW PUXIE, RT, 119.53 INBOUND, 4100 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>119.63</u> FAF: <u>WALIB</u> DIST FAF TO MAP: <u>5.71</u> THLD: <u>5.71</u>															
4. MIN. ALT: <u>PUXIE 4100, WALIB 3300, HEGAM/2.20 NM TO RW12 2160*</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>3300</u> GS ALT AT: <u>WALIB 3300</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> </u>															
MINIMUMS															
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u>						ALTERNATE: <u>N A</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	DH/MDA	VIS	HAT/HAA
LPV DA	1643	3/4	200	1643	3/4	200	1643	3/4	200	1643	3/4	200			
LNAV/VNAV DA	1717	7/8	274	1717	7/8	274	1717	7/8	274	1717	7/8	274			
LNAV MDA	1840	1	397	1840	1	397	1840	1 1/8	397	1840	1 1/8	397			
CIRCLING	1920	1	464	1920	1	464	1940	1 1/2	484	2020	2	564			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING COOK ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 34C (93F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VDP NA WITH COOK ALTIMETER SETTING. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1456 THRE: 1443		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ELY, MN		AIRPORT NAME: ELY MUNI				RNAV (GPS) RWY 12, AMDT 1 Pÿ&%" 201T				AMDT: ORIG					
										DATED 07/05/2007					

QUALITY
 2
 CHECKED

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COOK ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET; INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITY 3/8 MILE ALL CATS, AND LNAV CAT C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	030/30 CW 210/30 (NOPT)	PUXIE (IF/IAF) (FB)	4100
2.	210/30 CW 030/30	PUXIE (IF/IAF) (FO)	4100

QUALITY
7

CITY AND STATE

ELY, MN

ELEVATION: 1456

THRE: 1443

AIRPORT NAME:

ELY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, AMDT 1

Pÿ&%" 201T

SUP:

AMDT: ORIG

DATED: 07/05/2007

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KELO
RW12
0

0
W12A
474940.1385N
0915021.1580W
+04092
474855.9800N
0914826.3500W
00040.0
F
03.00
106.75
1048
40.0
35.0

CRC REMAINDER

0F74B85B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+04398
+04398

QUALITY
2
CHECKED

CITY AND STATE

ELY, MN

ELEVATION: 1456

THRE: 1443

AIRPORT NAME:

ELY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, AMDT 1

Pÿ&%" 201T

SUP:

AMDT:

ORIG

DATED:

07/05/2007

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KELOK3FR12	APUXIE	010PUXIEK3EAOEE	AR	HF			11950050	+	04100	18000		A	JS
SUSAP KELOK3FR12	R	010PUXIEK3EAOE	I	IF				+	04100	18000		A	JS
SUSAP KELOK3FR12	R	020WALIBK3EA1E	F	051TF			11950060	+	03300			A	JS
SUSAP KELOK3FR12	R	020WALIBK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KELOK3FR12	R	021HEGAMK3EAOE	S	031TF			11960035	V	0216002184	-300		A	JS
SUSAP KELOK3FR12	R	030RW12 K3PGOGY	M	031TF			11970022		01483	-300		A	JS
SUSAP KELOK3FR12	R	040	0	M	CA		1197	+	01643			A	JS
SUSAP KELOK3FR12	R	050ODASEK3EAOEY		DF				+	04100			A	JS
SUSAP KELOK3FR12	R	060ODASEK3EAOEE	R	HM			29990050	+	04100			A	JS

[illegible][illegible]

QUALITY
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CITY AND STATE ELY, MN	ELEVATION: 1456 THRE: 1443 AIRPORT NAME: ELY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1 Pÿ &%" 201T	SUP:	
				AMDT:	ORIG
				DATED:	07/05/2007