

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
IREKE (IF/IAF)	CERUP (FB)	242.56 / 7.11	3200	LPV: DA LNAV/VNAV: DA LNAV: RW24
CERUP (FAF)	ERINN/3.30 NM TO RW24 (FB)	242.48 / 3.59		
ERINN/3.30 NM TO RW24	RW24 (FO)	242.44 / 3.30		CLIMB TO 4000 DIRECT UNOLY AND HOLD.
RW24 (MAP)	1154 MSL		4000	
1154 MSL	UNOLY (FO)			

**ADDITIONAL FLIGHT DATA:**  
 HOLD SW, RT, 062.23 INBOUND.  
 CHART FAS OBST: 1430 TREES 421131N/0765144W  
 1819 AAO 421512N/0764605W  
 DISTANCE TO THLD FROM 200 HATH: 0.46 NM.  
 CHART VDP AT 2.30 MILES TO RW24\*  
 \*LNAV ONLY.  
 WAAS CHANNEL # 99527  
 REFERENCE PATH ID: W24A  
 LTP HAE: 257.9 M

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD NE IREKE, RT, 242.56 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 242.48 FAF: CERUP DIST FAF TO MAP: 6.89 THLD: 6.89
- MIN. ALT: IREKE 4000, CERUP 3200, ERINN/3.30 NM TO RW24 2040\* \*LNAV ONLY
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 3200 GS ALT AT: CERUP 3200 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 52.7 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 12W EPOCH YEAR: 2000

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			@					
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**	1154	2400	200	1154	2400	200	1154	2400	200	1154	2400	200			
LPV DA	1347	4500	393	1347	4500	393	1347	4500	393	1347	4500	393			
LNAV/VNAV DA	1787	2 1/2	833	1787	2 1/2	833	1787	2 1/2	833	1787	2 1/2	833			
LNAV MDA	1740	2400	786	1740	4000	786	1740	1 3/4	786	1740	1 3/4	786			
CIRCLING	2100	1 1/4	1145	2100	1 1/2	1145	2120	3	1165	2160	3	1205			

**NOTES:**  
 CHART NOTE: \*\*MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 260 FEET PER NM TO 2300.  
 CHART NOTE: CIRCLING TO RWY 10 AND 28 NA AT NIGHT.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 37C (98F).  
 (SEE FORM 8260-10)

@ CAT A, B 1200-2, CAT C 1200-3, CAT D 1300-3  
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE ELMIRA/CORNING, NY	ELEVATION: 955 THRE: 954 AIRPORT NAME: ELMIRA/CORNING RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 2 20 SEPTEMBER 2012	SUP: AMDT: 1 DATED 05/03/2012
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**RNAV - STANDARD**  
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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PENN YAN ALTIMETER SETTING: INCREASE LPV DA TO 1420 AND ALL CATS VISIBILITY 1/4 MILE; INCREASE LNAV/VNAV DA TO 1860 AND ALL CATS VISIBILITY 1 1/2 MILES; INCREASE ALL MDA 80 FEET AND LNAV CATS C/D VISIBILITY 1/4 MILE; INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV; FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PENN YAN ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	153/30 CW 333/30 (NOPT)	IREKE (IF/IAF) (FB)	4000
2.	333/30 CW 153/30	IREKE (IF/IAF) (FO)	4000

QUALITY  
2  
CHECKED

CITY AND STATE ELMIRA/CORNING, NY	ELEVATION: 955      THRE: 954 AIRPORT NAME: ELMIRA/CORNING RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 2 20 SEPTEMBER 2012	SUP:
				AMDT: 1
				DATED: 05/03/2012

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

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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	KELM
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	421002.1215N
LTP/FTP LONGITUDE	0765252.2765W
LTP/FTP ELLIPSOIDAL HEIGHT	+02579
FPAP LATITUDE	420905.2900N
FPAP LONGITUDE	0765424.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00052.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 1FA4433A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02908
FPAP ORTHOMETRIC HEIGHT	+02908

QUALITY  
2  
CHECKED

CITY AND STATE ELMIRA/CORNING, NY	ELEVATION: 955      THRE: 954	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 2 20 SEPTEMBER 2012	SUP:
	AIRPORT NAME: ELMIRA/CORNING RGNL			AMDT: 1
				DATED: 05/03/2012



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	IREKE	IREKE	010	IAF	HF	R	FO		242.6 (230.6T)	004.0	AA 04000	
		IREKE	010	FACF	IF		FB				AA 04000	
		CERUP	020	FAF	TF		FB	0.5	242.6 (230.6T)	007.1	AA 03200	
		ERINN	021	SDF	TF		FB	0.3	242.5 (230.5T)	003.6	AA 02040	GS 02058
		RW24	030	MAP	TF		FO	0.3	242.4 (230.4T)	003.3	AT 01007	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		242.4 (230.4T)		AA 01154	
	UNOLY	050		DF		FO				AA 04000	
	UNOLY	060		HM	R	FO		062.2 (050.2T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CERUP	N421425.38	W0764543.67	N4214.423	W07645.728
	ERINN	N421208.33	W0764927.01	N4212.139	W07649.450
	IREKE	N421856.84	W0763819.88	N4218.947	W07638.331
	UNOLY	N420022.80	W0770829.61	N4200.380	W07708.494
	RW24	N421002.12	W0765252.28	N4210.035	W07652.871

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00954	53

QUALITY  
2  
CHECKED

CITY AND STATE <b>ELMIRA/CORNING, NY</b>	ELEVATION: <b>955</b> <b>THRE: 954</b> AIRPORT NAME: <b>ELMIRA/CORNING RGNL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 24, AMDT 2</b> 20 SEPTEMBER 2012	SUP:
				AMDT: <b>1</b>
				DATED: <b>05/03/2012</b>