

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> ELMIRA/CORNING RGNL	<u>AIRPORT ID</u> KELM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 24	<u>ORIGINAL/AMENDMENT</u> 20	<u>CITY</u> ELMIRA/CORNING	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 955	<u>TDZE</u> 955	<u>SUPERSEDED</u> ILS OR LOC RWY 24	<u>ORIGINAL/AMENDMENT</u> 19B	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-ELM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> 12/31/2020	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 152/30 CW 332/30	NOPT	IREKE	IAF	4000
2. 332/30 CW 152/30		IREKE	IF/IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
IREKE/RADAR	IF/IAF	ALP NDB/RADAR	PFAF				242.40	7.24 (I-ELM)	3200

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.76 NM AFTER ALP NDB/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT UNOLY/RADAR AND HOLD.
#MISSED APPROACH REQUIRES MINIMUM CLIMB OF 260 FEET PER NM TO 2400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD NE IREKE, RT, 242.40 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 5400.
3. FAC: 242.40FAF: ALP NDB/RADARDIST FAF TO MAP: 6.76DIST FAF TO THLD: 6.76
4. MIN ALT: IREKE/RADAR 4000, ALP NDB/RADAR 3200, ERINN/RADAR 2060*
5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT: 1088
6. MIN GS INCPT: 3200GS ALT AT FAF : ALP NDB/RADAR 3158OM:MM:IM:
7. GP ANGLE: 3.0034:1:20:1:TCH: 52.7
8. MSA FROM:

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED TO DEFINE ERINN.
RNAV 1-GPS REQUIRED FROM MAP TO UNOLY.
RNAV 1-GPS REQUIRED FOR PROCEDURE ENTRY.
ADF OR RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D S OF RWYS 10 AND 28.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 24 CATS C/D.
*LOC ONLY
CHART NOTE: CIRCLING NA TO RWYS 5 AND 23.
CHART NOTE: CIRCLING RWY 10 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 24 ALL CATS VISIBILITY TO RVR 6000.
CHART NOTE: S-ILS 24# RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 062.39 INBOUND.
CHART FAS OBST: 1348 TREE 421137N/0765103W.
1719 AAO 421451N/0764643W.
CHART CIRCLING ICON.



MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED, NA WHEN LOCAL WEATHER NOT AVAILABLE; LOC: CAT A, B 1200-2, CAT C 1200-3, CAT D 1400-3, NA WHEN CONTROL TOWER CLOSED, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 24#	1155	2400	200	1155	2400	200	1155	2400	200	1155	2400	200			
S-ILS 24	1340	3500	385	1340	3500	385	1340	3500	385	1340	3500	385			
S-LOC 24	2060	4000	1105	2060	5500	1105	2060	3	1105	2060	3	1105			
CIRCLING	2060	1 1/4	1105	2080	1 1/2	1125	2100	3	1145	2340	3	1385			
ERINN FIX MINIMUMS															
S-LOC 24	1600	2400	645	1600	2400	645	1600	1 3/8	645	1600	1 3/8	645			
CIRCLING	2020	1 1/4	1065	2080	1 1/2	1125	2100	3	1145	2340	3	1385			

CHANGES - REASONS

1. REMOVED ALL ASSOCIATION WITH ULW VOR/DME - ULW IS SCHEDULED FOR VOR MON DECOMMISSIONING.
2. DELETED MSA AND ADDED RNAV TAA - FEEDER SEGMENTS REMOVED AND RNAV PROCEDURE ENTRY ADDED DUE TO LACK OF VIABLE NAVAIDS IN THE AREA DUE TO THE REMOVAL OF ULW VOR/DME.
3. DELETED FEEDER SEGMENTS FROM THINK TO ALP NDB, FROM SAYRE TO ALP NDB, AND FROM ULW VOR/DME TO ALP NDB; DELETED INITIAL SEGMENTS FROM CFB VORTAC AND FROM ITH VOR/DME - TAA ADDED DUE TO LACK OF VIABLE NAVAIDS IN THE AREA DUE TO THE REMOVAL OF ULW VOR/DME.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4000 DIRECT ULW VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" TO "CLIMB TO 4000 DIRECT UNOLY AND HOLD" - CREATED RNAV MISSED APPROACH DUE TO DECOMMISSIONING OF THE ULW VOR/DME, IAW 8260.19H, PARA 4-6-2E, PROCEDURE USES RNAV TAA.
5. DELETED ALTERNATE MISSED APPROACH - IAW 8260.19H, PARA 4-6-2E, PROCEDURE USES RNAV TAA.
6. CHANGED MAP: LOC: 6.76 MILES AFTER ALP NDB OR AT ULW 7.77 DME FIX TO LOC: 6.76 NM AFTER ALP NDB/RADAR - ULW VOR/DME REMOVED.
7. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA; LOWERED CAT A CIRCLING MDA/HAA FROM 2100/1145 TO 2060/1105, CAT B FROM 2100/1145 TO 2080/1125; CAT C FROM 2120/1165 TO 2100/1145; RAISED CAT D FROM 2160/1205 TO 2340/1385 - NEW EVALUATION, IAW 8260.3D NEW CIRCLING CRITERIA APPLIED.
8. ADDED CAT D CIRCLING RESTRICTION - PROVIDES OBSTACLE AVOIDANCE TO RESULT IN LOWEST POSSIBLE MDA/HAA.
9. LOWERED S-ILS 24 DA/HAT FROM 1346/391 TO 1340/385, RAISED S-LOC 24 MDA/HAT FROM 2040/1085 TO 2060/1105; DECREASED S-ILS 24 ALL CATS VISIBILITY FROM RVR 4500 TO RVR 3500 AND INCREASED S-LOC 24 CATS C/D VISIBILITIES FROM 2 1/2 TO 3 SM - NEW EVALUATION AIRPORT ADDED RVR ENHANCEMENT.
10. DELETED PROCEDURE TURN, ADDED HIL AT IREKE - PROCEDURE USES RNAV TAA AND RNAV MISSED APPROACH.
11. CHANGED MIN ALT: IREKE 3600, ALP NDB 3200, ERINN/ULW 11.06 DME 2040* TO IREKE/RADAR 4000, ALP NDB/RADAR 3200, ERINN/RADAR 2060* ON 8260-3 LINE 4 - NEW EVALUATION DUE TO THE REMOVAL OF ULW VOR/DME.
12. CHANGED GS ALT AT FAF: ALP NDB 3200 TO ALP NDB/RADAR 3158 - NEW EVALUATION BASED ON 3 DEGREE GLIDEPATH FROM GS INCPT.
13. CHANGED CHART NOTE: #MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 260 FEET PER NM TO 2300 TO #MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 260 FEET PER NM TO 2400 - NEW EVALUATION.
14. ADDED CHART NOTE: CIRCLING NA TO RWYS 5 AND 23 - RUNWAY 5 AND 23 IDENTIFIED AS TURF RUNWAYS.
15. DELETED PLANVIEW NOTE "ADF OR DME OR RADAR REQUIRED; ADDED EQUIPMENT REQUIREMENTS NOTES "ADF OR RADAR REQUIRED"; ADDED PBN REQUIREMENTS NOTES "RNAV 1-GPS REQUIRED FOR PROCEDURE ENTRY", AND "RNAV 1-GPS REQUIRED FOR MAP TO UNOLY" - IAW 8260.19H, PARA 8-6-8.
16. DELETED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT CFB VORTAC AND V252 SOUTHEAST BOUND - FEEDER SEGMENT REMOVED FROM APPROACH.
17. CHANGED 7:1 OBSTACLE FROM 1719 AAO 421450N/0764644W TO 1719 AAO 421451N/0764643W - NEW EVALUATION.
18. REMOVED ALL NOTES REFERENCEING THE BACK-UP ALTIMETER SETTING - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE, NOTES MOVED TO FORM 8260-9 FOR CONTINGENCY USE - IAW 8260.19H, PARA 8-6-9F(3) AND 8-6-11O(3).
19. CHANGED ALTERNATE MINIMUMS FROM "CAT D 1300-3" TO "CAT D 1400-3" - INCREASED CIRCLING CAT D HAA.
20. CHANGED MISSED HOLDING FROM HOLD SW, RT, 065.00 INBOUND TO HOLD SW, RT, 062.39 INBOUND. - NEW EVALUATION USING RNAV MISSED APPROACH.
21. CHANGED NOTE, FOR INOPERATIVE MALSR, INCREASE S-ILS 24 ALL CATS VISIBILITY TO 1 1/4 TO FOR INOPERATIVE ALS INCREASE S-ILS 24 ALL CATS VISIBILITY TO RVR 6000. - NEW EVALUATION.
22. ADDED CHART NOTE: RADAR REQUIRED TO DEFINE ERINN - DUE TO LACK OF VIABLE NAVAIDS IN THE AREA DUE TO THE REMOVAL OF ULW VOR.
23. LOWERED ERINN FIX MINIMUMS CAT A CIRCLING MDA/HAA FROM 2100/1145 TO 2020/1065, CAT B FROM 2100/1145 TO 2080/1125; CAT C FROM 2120/1165 TO 2100/1145; RAISED CAT D FROM 2160/1205 TO 2340/1385 - NEW EVALUATION, IAW 8260.3D NEW CIRCLING CRITERIA APPLIED.

COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZNY ARTCC, ZOB ARTCC, ELM APP CON, ELM ATCT, AMGR

FLIGHT CHECKED BY

Pending

Digitally signed by

DAVID TEFFETELLER

Oct 13, 2020

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DATE

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Jul 17, 2020

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DATE

TITLE

MANAGER

