

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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 ID</u> LSE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LA CROSSE	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 655	<u>TDZE</u> 653	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH ILS OR LOC RWY 18 A23	<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-17.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CALMS	IAF	POGOC	NOPT	TF	FB	1.00	144.24	15.19	3500
POGOC	IF/IAF	CIVCA		TF	FB	1.00	180.45	3.97	3000
CIVCA		OCIPO		TF	FB	1.00	180.45	2.11	2900
OCIPO	FAF	CITID/2.87 NM TO RW18		TF	FB	0.30	180.45	4.02	
CITID/2.87 NM TO RW18		RW18	MAP	TF	FO	0.30	180.45	2.87	
RW18	MAP	853 MSL		CA			180.45		
853 MSL		PKRNA		DF	FO	1.00			3000

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT PKRNA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
2. HOLD N POGOC, RT, 180.45 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 180.45 FAF: OCIPO DIST FAF TO MAP: 6.89 DIST FAF TO THLD: 6.89
4. MIN ALT: POGOC 3500, CIVCA 3000, OCIPO 2900, CITID/2.87 NM TO RW18 1620
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT: MM: IM:
6. MIN GP INCPT: 2900 GP ALT AT PFAF: OCIPO 2900
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 54.8
8. MSA FROM: RW18 3500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONA ALTIMETER SETTING AND INCREASE LPV DA TO 907 FEET; INCREASE LNAV/VNAV DA TO 1174 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT B 1/4 SM.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM, AND LNAV CATS C AND D TO 1 3/8 SM.

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

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 000.45 INBOUND.

FAS OBST: 855 TREE 465433N/0911442W.

CHART 1132 TOWER (55-108607) 435637N/0911422W.

CHART VDP AT 1.29 NM TO RW18.

WAAS CHANNEL # 72809

REFERENCE PATH ID: W18A

CHART CIRCLING ICON.

LTP HAE: 167.1 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT B 900-2, CAT C, D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE, NA WHEN CONTROL TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	853	1/2	200	853	1/2	200	853	1/2	200	853	1/2	200			
LNAV/VNAV DA	1120	1	467	1120	1	467	1120	1	467	1120	1	467			
LNAV MDA	1120	1/2	467	1120	1/2	467	1120	1	467	1120	1	467			
CIRCLING	1140	1	485	1460	1	805	1760	3	1105	1820	3	1165			

CHANGES - REASONS

1. TERMINAL ROUTES: DISTANCE FROM FIX CIVCA TO FIX OCIPO CHANGED FROM 2.24NM TO 2.11 NM – MOVED FIX OCIPO 774.28 FEET NORTH.
2. TERMINAL ROUTES: DISTANCE FROM FIX OCIPO TO FIX CITID CHANGED FROM 2.90 NM TO 2.87 NM – FIX CIVD MOVED – MOVED FIX CITID 206.84 FEET SOUTH.
3. TERMINAL ROUTES: LPV DA CHANGED FROM 925 DA/272 HAT TO 853 DA/200 HAT – NEW TARGETS/OEAAA OBS EVALUATION.
4. MINIMUMS: LNAV/VNAV DA CHANGED FROM 1204 DA/551 HAT TO 1120 DA/467 HAT AND VISIBILITY CHANGED FROM 1 1/2 SM ALL CATS TO 1 SM ALL CATS - NEW TARGETS/OEAAA OBS EVALUATION.
5. MIMIMUMS: LNAV MDA CHANGED FROM 1360 MDA/707 HAT TO 1120 DA/467 HAT AND VISIBILITY CHANGED FROM CAT C 1 1/2 SM, CAT D 1 3/4 SM TO CAT C/D 7/8 SM - NEW TARGETS/OEAAA OBS EVALUATION.
6. MINIMUMS: CHANGED CIRCLING CAT A FROM 1360/704 HAA TO 1140/485 HAA - NEW TARGETS/OEAAA OBS EVALUATION.
7. PROFILE: LINE 3: DIST FAF TO MAP AND THLD CHANGED FROM 6.76 NM TO 6.89 NM – MOVED FAF FIX OCIPO 774.28 FEET NORTH.
8. NOTES: CHANGED BACK UP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING: INCREASE LPV DA TO 987 FEET, LNAV/VNAV DA TO 1257 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 SM AND CIRCLING CAT C VISIBILITY 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONA ALTIMETER SETTING AND INCREASE LPV DA TO 907 FEET; INCREASE LNAV/VNAV DA TO 1174 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT B 1/4 SM." – DA AND MDA DECREASE, UPDATED PER 8260.3 VISIBILITY CHART..
9. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM 819 TREE TO 855 TREE – UPDATED OBSTACLE EVAL.
10. ADDITIONAL FLIGHT DATA: CHANGED VDP DISTANCE FROM RW 18 FROM 1.80NM TO 1.29 NM – UPDATED TARGETS CALCULATED LOCATION.
11. ADDITIONAL FLIGHT DATA: REMOVED *LNAV ONLY AND REMOVED ASTERICK FROM PROILE LINE 4 – NO LONGER DOCUMENTED.
12. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLES 1132 TOWER - UPDATED OBSTACLE EVALUATION.
13. FAS DATA: CRC REMAINDER CHANGED FROM E9A6676D TO D4CEB2D1– FPAP LAT/LONG CHANGED FROM 435206.6000N/0911530.7700W TO 435206.5945N/ 0911530.7685W, TCH CHANGED FROM 55 TO 54.8, LTP/FTP LAT/LONG CHANGED FROM 435335.6975N/ 0911531.9500W TO 435335.6985N/ 0911531.9495W, ELIPSOID HEIGHT CHANGED FROM +01672 TO +01671, ORTHMETRIC HEIGHT CHANGED FROM +01990 TO, +01989, VERTICAL HEIGHT LIMIT CHANGED FROM 50.0 TO 35.0, LTP HAE CHANGED FROM 167.2M TO 167.1 M. – FAF FIX OCIPO MOVED AND NEW SURVYED DATA.
14. PBN REQUIRMENTS NOTE: CHANGED NOTE FROM RNP APCH TO RNP APCH – GPS – 8260.19J 8-6-8D (5).

7/31/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 6/7/2024:
CHANGED LNAV CAT C AND D VISIBILITY MINIMUMS FROM 7/8 SM TO 1 SM – CORRECT ADMINISTRATIVE ERROR.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

LSE ATCT, ZMP, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

RAKE MCGRAW

Jul 31, 2024

OFFICE

DATE

DEVELOPED BY

JANTZEN TAYLOR

Digitally signed by

RAKE MCGRAW

Jul 31, 2024

OFFICE

AJV-A422

DATE

03/08/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jul 31, 2024

OFFICE

AJV-A422

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLSE
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	435335.6985N
LTP/FTP LONGITUDE	0911531.9495W
LTP/FTP ELLIPSOIDAL HEIGHT	+01671
FPAP LATITUDE	435206.5945N
FPAP LONGITUDE	0911530.7685W
THRESHOLD CROSSING HEIGHT (TCH)	00054.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D4CEB2D1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01989
FPAP ORTHOMETRIC HEIGHT	+01989

