

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> LWM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> LAWRENCE	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 148	<u>TDZE</u> 146	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>DATED</u> 09/08/2022	<u>MAG VAR</u> 15W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1980
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
KHRIS	IAF	ROUAN		TF	FB	1.00	204.95	4.72	2000
CARED	IAF	ROUAN		TF	FB	1.00	243.38	5.31	2000
ROUAN	IF	BRYSL		TF	FB	1.00	175.23	4.32	2000
BRYSL		MSAAD		TF	FB	1.00	166.32	3.24	1500
MSAAD	FAF	RW14	MAP	TF	FO	0.30	136.63	4.19	
RW14	MAP	548 MSL		CA			136.63		
548 MSL		WITCH		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LP: RW14
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 DIRECT WITCH AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT ROUAN					
3. FAC: 136.63	FAF: MSAAD		DIST FAF TO MAP: 4.19	DIST FAF TO THLD: 4.19	
4. MIN ALT: ROUAN 2000, BRYSL 2000, MSAAD 1500					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM:
7. GP ANGLE:	34:1: IS CLEAR	20:1: IS CLEAR	TCH:		IM:
8. MSA FROM: RW14 2600					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

MSAAD TO RW14: 3.00/45
HOLD S, LT, 021.00 INBOUND.
CHART FAS OBST: 408 TREE (25-049065) 424458N/0711002W, 324 TREE (25-056643) 424408N/0710958W.
CHART VDP AT 1.29 NM TO RW14.
WAAS CHANNEL # 99642
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 9.7 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1100-3

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
LP MDA	580	1	434	580	1	434	580	1 1/4	434	580	1 1/4	434			
LNAV MDA	660	1	514	660	1	514	660	1 3/8	514	660	1 3/8	514			
CIRCLING	740	1	592	740	1	592	920	2 1/4	772	1220	3	1072			

CHANGES - REASONS

- NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KHRIS ON T314 NORTHEAST BOUND." - T314 WAS REMOVED FROM FIX USE DURING PREVIOUS REVISION.
- ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLES FROM "CHART FAS OBST: 408 TREE (25-049065) 424458N/0711002W, 324 TREE (25-056643) 424408N/0710958W." AND "FAS OBST: 330 AAO 424437N/0711157W." TO "CHART FAS OBST: 408 TREE (25-049065) 424458N/0711002W, 324 TREE (25-056643) 424408N/0710958W." - NEW OBSTACLE EVALUATION / OBSTACLES UPDATES.
- REMOVED "FAS OBST: 330 AAO 424437N/0711157W." - NEW OBSTACLE EVALUATION.
- TAKEOFF MINIMUMS CHANGED FROM "STANDARD - CAT D 1100-3" TO "STANDARD - CAT C 800-2 1/4, CAT D 1100-3" - NEW CIRCLING CAT C CONTROLLING OBSTACLE.
- INCREASED CIRCLING CAT C CMDA/HAA/VISIBILITY FROM "840 / 692 / 2 SM" TO "920 / 772 / 2 1/4 SM" - NEW CONTROLLING OBSTACLE.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZBW ARTCC, BOS APP CON. LWN TOWER, AMGR

FLIGHT CHECKED BY

CHRISTOPHER R VANDEVEER

Digitally signed by

JACOB H CLARK

Mar 05, 2025

Digitally signed by
CASIMIR L TABAKA

May 01, 2025

Digitally signed by
CASIMIR L TABAKA

May 01, 2025

OFFICE

AJF

OFFICE

AJV-33

OFFICE

AJV-33

DATE

04/17/2025

DATE

02/11/2025

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD
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)

DATA
0
0
KLWM
RW14
0
0
W14A
424315.5615N
0710746.3345W
+00097
424228.7225N
0710603.5085W
00045.0
F
03.00
106.75
1640
40.0
00.0

CRC REMAINDER

BCDBC7B6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00370
+00370

