

**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SUPERSEDED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>	<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:**

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

QUALITY  
6  
CHECKED

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

# FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
LWM	RNAV (GPS) RWY 14	ORIG-A	LAWRENCE	MA	148	RNAV

## PART A: OBSTRUCTION DATA SEGMENTS

**INITIAL**

**FROM** KHRIS **TO** ROUAN

**RNP** 1.00 **DISTANCE** 4.72 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (33-000099)	425705.17N/0711604.36W	985	50	20	2C	1000					2000
TERRAIN	425703.00N/0711754.00W	643 (600)								AS1000	1600

## COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

## SEGMENT REMARKS:

**INITIAL**

**FROM** CARED **TO** ROUAN

**RNP** 1.00 **DISTANCE** 5.31 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (33-000018)	425518.84N/0711331.20W	810	50	20	2C	1000				AT190	2000
TERRAIN	425309.00N/0711600.00W	603 (600)								AS1000	1600

## COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

## SEGMENT REMARKS:

QUALITY  
6  
CHECKED

INTERMEDIATE

FROM

ROUAN

TO

BRYSL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	4.32										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (33-023160)	424900.40N/0711611.50W	869	50	20	2C	500				AT631	2000
TERRAIN	425224.00N/0711657.00W	551 (600)								AS1000	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

BRYSL

TO

MSAAD

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	3.24										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	424857.00N/0711603.00W	696	164	98	4E	500				AT206 AC98	1500
TERRAIN	424715.00N/0711121.00W	367 (400)								AS1000	1400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP

FROM

MSAAD

TO

RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.19		RW14	434	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (25-056643)	424408.34N/0710957.97W	324	20	3	1A	250					580

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

MSAAD

TO

RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.19		RW14	514	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (25-049065)	424457.70N/0711001.64W	408	20	10	1B	250					660

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM

RW14

TO

WITCH

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30								480			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
TOWER (25-000108)	424225.00N/0710052.00W	604	250	50	4D	1000					1700
TERRAIN	424230.00N/0705333.00W	347 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW14

TO

WITCH

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
0.30-1.00						560					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
TOWER (25-000108)	424225.00N/0710052.00W	604	250	50	4D	1000					1700
TERRAIN	424230.00N/0705333.00W	347 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

LWM

PROCEDURE NAME

RNAV (GPS) RWY 14

AMDT NO.

ORIG-A

CITY

LAWRENCE

STATE

MA

AIRPORT ELEVATION

148

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE (25-049075)	424224.11N/0710632.48W	1.30	592	428	20	10	1B	300			740
CATEGORY B											
TREE (25-049075)	424224.11N/0710632.48W	1.81	592	428	20	10	1B	300			740
CATEGORY C											
TOWER (25-076377)	424008.14N/0710631.67W	2.84	772	557	250	50	4D	300		AC50	920
CATEGORY D											
TOWER (25-000052)	424621.70N/0710559.40W	3.72	1072	864	250	50	4D	300		AC50	1220

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW14	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	431042.00N/0711806.00W	360	28.5	1559	164	98	4E	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BOS APP CON, LWM TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	LWM	24	LWM	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

BACK-UP ALTIMETER NOT PUBLISHED - REDUNDANT SOURCES ON AIRPORT.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW14 - REIL (PCL), MIRL (PCL)	BSC-G	
RW32 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	BSC-G	
RW05 - HIRL (PCL), REIL (PCL), PAPI-4R (PCL)	PIR-G	
RW23 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	121.5	45.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 32
20:1	
172 TREE (25-057258) 424253.62N/0710703.09W (17.63)	325 TREE (25-057245) 424233.75N/0710629.94W (12.49)
328 TREE (25-057880) 424232.54N/0710629.23W (10.01)	322 TREE (25-020950) 424233.41N/0710630.19W (9.38)
170 TREE (25-056984) 424253.88N/0710659.51W (4.95)	165 BUILDING (25-020932) 424253.97N/0710700.84W (4.41)
165 BUILDING (25-055923) 424253.36N/0710701.04W (3.43)	171 POLE (25-055849) 424252.11N/0710700.06W (2.99)
173 POLE (25-056917) 424252.79N/0710658.73W (2.57)	308 TREE (25-058261) 424234.12N/0710631.78W (2.32)



<u>AIRPORT ID</u> LWM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>AMDT NO.</u> ORIG-A	<u>CITY</u> LAWRENCE	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 148	<u>FACILITY</u> RNAV
161 TREE (25-056891) 424256.63N/0710659.07W (1.87)			192 TREE (25-055969) 424250.02N/0710654.83W (1.82)			
156 TREE (25-055892) 424254.50N/0710702.40W (1.78)			159 VEGETATION (25-020933) 424254.86N/0710700.63W (0.11)			
310 TREE (25-056916) 424234.50N/0710630.11W (0.02)						
<u>PENETRATIONS REMARKS:</u>						

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

<u>PENETRATIONS REMARKS:</u>

**PART C: GENERAL REMARKS:**

100 FOOT VEGETATION USED PER FPT.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 351 AAO 424521.00N/0711242.00W.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 420 AAO 424615.00N/0711218.00W.  
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.86
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.82
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	121.63
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	400
DISTANCE FROM	THLD	TO 1500FT POINT	16.47
WIDTH OF	INITIAL	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INITIAL	SEGMENT CONTAINING 1500FT POINT	189.95
HIGH TERRAIN IN	INITIAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)	424315.56N/0710746.33W
ARP COORDINATES	424301.35N/0710724.72W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	
FAF COORDINATES	424527.48N/0711236.54W
FIX NAME COORDINATES	IF ROUAN 425221.94N/0711642.17W, IAF KHRIS 425701.09N/0711535.56W

REMARKS

1500 FT POINT IS AT THE KHRIS IAF  
BRYSL: 424818.04N/0711443.14W  
IF ROUAN: 425221.94N/0711642.17W, IAF KHRIS: 425701.09N/0711535.56W  
DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.86
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.82
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	121.63
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	400
DISTANCE FROM	THLD	TO 1500FT POINT	17.06
WIDTH OF	INITIAL	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INITIAL	SEGMENT CONTAINING 1500FT POINT	228.38
HIGH TERRAIN IN	INITIAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)	424315.56N/0710746.33W
ARP COORDINATES	424301.35N/0710724.72W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	
FAF COORDINATES	424527.48N/0711236.54W
FIX NAME COORDINATES	IAF CARED 425553.75N/0711118.28W, IF ROUAN 425221.94N/0711642.17W

REMARKS

1500 FT POINT IS AT THE CARED IAF  
BRYSL: 424818.04N/0711443.14W  
IAF CARED: 425553.75N/0711118.28W, IF ROUAN: 425221.94N/0711642.17W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JACOB CLARK	AJV-33	02/11/2025	AERONAUTICAL INFORMATION SPECIALIST

