

**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.

<b>AIRPORT ID</b> ORH	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 29	<b>ORIGINAL/AMENDMENT</b> 3	<b>CITY</b> WORCESTER	<b>STATE</b> MA
<b>AIRPORT ELEVATION</b> 1009	<b>TDZE</b> 990	<b>SUPERSEDED</b> RNAV (GPS) RWY 29	<b>DATED</b> 08/17/2017	<b>MAG VAR</b> 15W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1995
				<b>CANCEL/SUSPEND</b>

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WHYBE	IAF	DEWEE		TF	FB	1.00	284.85	8.88	3000
KENZY	IAF	DEWEE		TF	FB	1.00	019.02	6.52	3000
DEWEE	IF	SPAGS		TF	FB	1.00	289.03	5.92	2700
SPAGS	FAF	RW29	MAP	TF	FO	0.30	288.94	5.21	
RW29	MAP	1190 MSL		CA			288.94		
1190 MSL		RILOC		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW29

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT RILOC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT DEWEE
- FAC: 288.94 FAF: SPAGS DIST FAF TO MAP: 5.21 DIST FAF TO THLD: 5.21
- MIN ALT: DEWEE 3000, SPAGS 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.47 GS ANT: MM: IM:
- MIN GP INCPT: 2700 GP ALT AT PFAF: SPAGS 2700 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 53.6
- MSA FROM: RW29 3300



**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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WHYBE ON V1 AND T303 EASTBOUND.

**ADDITIONAL FLIGHT DATA:**

HOLD W, LT, 108.76 INBOUND.  
CHART FAS OBST: 1100 CONTROL\_TOWER (25-021918) 421545N/0715214W.  
CHART VDP AT 1.00 NM TO RW29.  
WAAS CHANNEL # 82299  
REFERENCE PATH ID: W29A  
CHART CIRCLING ICON.  
LTP HAE: 272.5 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C, D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	1190	5000	200	1190	5000	200	1190	5000	200	1190	5000	200			
LNAV/VNAV DA	1261	5000	271	1261	5000	271	1261	5000	271	1261	5000	271			
LNAV MDA	1360	5500	370	1360	5500	370	1360	5500	370	1360	5500	370			
CIRCLING	1560	1	551	1720	1	711	2000	3	991	2000	3	991			

**CHANGES - REASONS**

- TERMINAL ROUTES: INITIAL SEGMENT KENZY TO SPAGS - ADDED PER ATC REQUEST TO ACCOMMODATE ARRIVALS FROM THE SOUTH
- MISSED APPROACH: CHANGED FROM CLIMB TO 3000 DIRECT RILOC AND HOLD TO CLIMB TO 3000 DIRECT RILOC AND CONTINUE CLIMB IN HOLD - IAW 8260.3F 16-7-1
- LINE 7: 20:1 CLEAR NOTE ADDED - IAW 8260.19J 8-6-7
- CHART NOTES: BARO-VNAV NOTE CHANGED TO REMOVE FAHRENHEIT VALUES, CHANGED FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C (-4F) OR ABOVE 54°C (130F). TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C. - NEW HISTORICAL WX DATA
- PBN/EQUIPMENT REQUIREMENT NOTES: RNAV 1-GPS NOTE ADDED - IAW 8260.19J 8-6-8
- DME/DME NOTE REMOVED - NO LONGER REQUIRED IAW 8260.19J 4-5-3D.(1)
- LINE 5: HAT/DISTANCE HAT TO THRESHOLD 200 HAT .47NM ADDED, REMOVED FROM ADDITIONAL FLIGHT DATA - IAW 8260.19J 8-6-7E.
- FAS DATA BLOCK INFO: CRC REMAINDER CHANGED FROM 645A9424 TO CB8090B5 - FPAP LAT/LONG CHANGED FROM 421603.74N/0715353.7W TO 421603.7215N/0715353.6995W.
- ADDITIONAL FLIGHT DATA: REMOVED \* AND ASSOCIATED \*LNAV ONLY NOTE FROM VDP INFO - NO LONGER REQUIRED



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZBW, BDL APP CON, ORH ATCT, AIRPORT MANAGER

**FLIGHT CHECKED BY**

*Digitally signed by*

**ERIC N SUSKI**

Feb 26, 2025

**OFFICE**

AJF

**DATE**

02/25/2025

**DEVELOPED BY**

JOHN BORDY (NICHOLAS HEIDERSTADT)

*Digitally signed by*

**ERIC N SUSKI**

Feb 26, 2025

**OFFICE**

AJV-A33

**DATE**

08/02/2024

**APPROVED BY**

JOHN BORDY

*Digitally signed by*

**ERIC N SUSKI**

Feb 26, 2025

**OFFICE**

AJV-A33

**DATE**

02/20/2025

**TITLE**

MANAGER

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORH
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	421557.7510N
LTP/FTP LONGITUDE	0715153.9650W
LTP/FTP ELLIPSOIDAL HEIGHT	+02725
FPAP LATITUDE	421603.7215N
FPAP LONGITUDE	0715353.6995W
THRESHOLD CROSSING HEIGHT (TCH)	00053.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER** CB8090B5

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03011
FPAP ORTHOMETRIC HEIGHT	+03011



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

<u>AIRPORT ID</u> ORH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>AMDT NO.</u> 3	<u>CITY</u> WORCESTER	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 1009	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**  
**FROM** WHYBE **TO** DEWEE

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                                      8.88

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	421424.00N/0713742.00W	906	215	8	4B	1000				AT1094	3000
TERRAIN	421324.00N/0713642.00W	620 (600)								AS1500	2100

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**  
**FROM** KENZY **TO** DEWEE

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                                      6.52

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	421424.00N/0713742.00W	906	215	8	4B	1000				AT1094	3000
TERRAIN	421424.00N/0713742.00W	705 (700)								AS1500	2200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORH

**PROCEDURE NAME**  
RNAV (GPS) RWY 29

**AMDT NO.**  
3

**CITY**  
WORCESTER

**STATE**  
MA

**AIRPORT ELEVATION**  
1009

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM** DEWEE **TO** SPAGS

RNP 1.00 DISTANCE 5.92 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>
AAO	421424.00N/0713742.00W	906	215	8	4B	500				AT1294	2700
TERRAIN	421424.00N/0713742.00W	705 (700)								AS1500	2200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LPV**

**FROM** SPAGS **TO** RW29

RNP 0.30 DISTANCE 5.21 PAT MAP DA HAT 200 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>
							ASC				1190

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORH

**PROCEDURE NAME**  
RNAV (GPS) RWY 29

**AMDT NO.**  
3

**CITY**  
WORCESTER

**STATE**  
MA

**AIRPORT ELEVATION**  
1009

**FACILITY**  
RNAV

**FINAL: LNAV/VNAV**

**FROM**  
SPAGS

**TO**  
RW29

**RNP**  
0.30

**DISTANCE**  
5.21

**PAT**

**MAP**  
DA

**HAT**  
271

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
CONTROL_TOWER (25-021918)	421545.26N/0715214.24W	1100	20	3	1A	161					1261

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM**  
SPAGS

**TO**  
RW29

**RNP**  
0.30

**DISTANCE**  
5.21

**PAT**

**MAP**  
RW29

**HAT**  
370

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
CONTROL_TOWER (25-021918)	421545.26N/0715214.24W	1100	20	3	1A	250					1360

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORH

**PROCEDURE NAME**  
RNAV (GPS) RWY 29

**AMDT NO.**  
3

**CITY**  
WORCESTER

**STATE**  
MA

**AIRPORT ELEVATION**  
1009

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
RILOC

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30     1022

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (25-025097)	421451.50N/0715551.44W	1342	20	3	1A	1000					2400
TERRAIN	421651.00N/0715515.00W	1184 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
RILOC

**RNP** **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
0.30     1100

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (25-025097)	421451.50N/0715551.44W	1342	20	3	1A	1000					2400
TERRAIN	421651.00N/0715515.00W	1184 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORH

**PROCEDURE NAME**  
RNAV (GPS) RWY 29

**AMDT NO.**  
3

**CITY**  
WORCESTER

**STATE**  
MA

**AIRPORT ELEVATION**  
1009

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV**

**FROM**  
RW29 **TO**  
RILOC

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1260

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (25-025097)	421451.50N/0715551.44W	1342	20	3	1A	1000					2400
TERRAIN	421651.00N/0715515.00W	1184 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**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 (25-049497)	421709.35N/0715418.21W	1.30	551	1247	20	3	1A	300			1560
CATEGORY B											
TREE (25-030131)	421801.86N/0715347.40W	1.84	711	1406	20	3	1A	300			1720
CATEGORY C											
ANTENNA (25-030076)	421833.99N/0715411.29W	2.90	991	1681	20	3	1A	300			2000
CATEGORY D											
ANTENNA (25-030076)	421833.99N/0715411.29W	3.78	991	1681	20	3	1A	300			2000

**CIRCLING REMARKS:**

**MSA**

**CENTER**  
RW29 **RADIUS**  
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	422921.00N/0715312.00W	011	13.4	2205	215	8	4B	1000			3300

**MSA REMARKS:**





**AIRPORT ID**  
ORH

**PROCEDURE NAME**  
RNAV (GPS) RWY 29

**AMDT NO.**  
3

**CITY**  
WORCESTER

**STATE**  
MA

**AIRPORT ELEVATION**  
1009

**FACILITY**  
RNAV

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

BDL APP CON, ORH TOWER

**WX SERVICE**

ASOS

**LOCATION**

ORH

**HRS OPERATION**

24

**ALTIMETER SOURCE**

ORH

**DISTANCE**

0

**WMSCR**

Y

**ADJUSTMENTS**

0

**BACK-UP WX SERVICE**

ASOS

**LOCATION**

BED

**HRS OPERATION**

24

**ALTIMETER SOURCE**

BED

**DISTANCE**

28.73

**WMSCR**

Y

**ADJUSTMENTS**

189

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KORH 1009 KBED 132  
RA = 189.0

**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW15 - REIL (PCL), MIRL (PCL), VASI-4L	BSC-G	
RW33 - REIL (PCL), MIRL (PCL), PAPI-4L	NPI-G	
RW11 - ALSF-2, HIRL (PCL), TDZ, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW29 - REIL (PCL), C/LINE, HIRL (PCL), PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT

**GLIDESLOPE ANGLE**

3.00

**ELEV RWY THRESHOLD**

987.9

**TCH**

53.6

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**

3.00

**TCH**

53.6

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**

-19C

**CRITICAL HIGH**

+54C

**ACT**

-19C

**APT ISA**

+13C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 968 HIGH TEMP 1277.

**"VISUAL PORTION OF FINAL" PENETRATIONS**



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

and/or

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

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION HEIGHT OF 80 FT PER EASTERN FPT.

TAA NOT DEVELOPED PER FPT.

LPV, LNAV/VNAV AND LNAV PFAF/FAF COLOCATED WITH ILS OR LOC RWY 29 PFAF.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BED ALTIMETER SETTING: INCREASE LPV DA TO 1379 FEET AND ALL VISIBILITIES TO RVR 6000; INCREASE LNAV/VNAV DA TO 1450 FEET AND ALL VISIBILITIES TO 1 3/8SM; INCREASE ALL MDAS 200 FT AND CIRCLING VISIBILITY CAT B 1/4 SM.

BARO-VNAV AND VDP NA WITH BED ALTIMETER SETTING.

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	3.01
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	273.94
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	4.81
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	273.94
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

**THRESHOLD COORDINATES (IF STR-IN)**

421557.75N/0715153.97W

**ARP COORDINATES**

421601.70N/0715232.20W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 11 DISTANCE 0.68 NM

**FAF COORDINATES**

421536.49N/0714454.10W

**FIX NAME COORDINATES**

**REMARKS**

**PART E: PREPARED BY**

**NAME**

JOHN BORDY (NICHOLAS HEIDERSTADT)

**OFFICE**

AJV-A33

**DATE**

08/02/2024

**TITLE**

AERONAUTICAL INFORMATION SPECIALIST

