

**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> 9D0	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HIGHMORE	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1854	<u>TDZE</u> 1852	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 5E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
<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>
ELREE		OMCEW		TF	FO	1.00	334.53	30.69	4000
ALLOT	IAF	OMCEW	NOPT	TF	FB	1.00	218.03	27.47	4000
PIR VORTAC	IAF	OMCEW	NOPT	TF	FB	1.00	053.61	28.59	4000
OMCEW	IF/IAF	UJBIC		TF	FB	1.00	129.66	3.50	3400
UJBIC	FAF	WUVAM/2.40 NM TO RW13		TF	FB	0.30	129.71	2.37	
WUVAM/2.40 NM TO RW13		RW13	MAP	TF	FO	0.30	129.71	2.40	
RW13	MAP	2192 MSL		CA			129.71		
2192 MSL		ITIXE		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT ITIXE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--------------------------|--|----------------------------|-----------|------------------|----------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD NW OMCEW, RT, 129.66 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | |
| 3. FAC: | 129.71 | FAF: | UJBIC | DIST FAF TO MAP: | 4.77 |
| 4. MIN ALT: | OMCEW 4000, UJBIC 3400, WUVAM/2.40 NM TO RW13 2640 | | | | |
| 5. DIST TO THLD FROM OM: | | MM: | IM: | 150 HAT: | 340 HAT: |
| 6. MIN GP INCPT: | 3400 | GP ALT AT PFAF: UJBIC 3400 | | OM: | GS ANT: |
| 7. GP ANGLE: | 3.00 | 34:1: | IS CLEAR | 20:1: | IS CLEAR |
| 8. MSA FROM: | RW13 3800 | TCH: 40.0 | | IM: | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIR VORTAC AIRWAY RADIALS 341 CW 100.
CHART NOTE: USE 98D ALTIMETER SETTING; WHEN NOT RECEIVED, USE PIR ALTIMETER SETTING AND INCREASE LPV DA TO 2226 FEET. INCREASE LNAV/VNAV DA TO 2226 FEET.
INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

CHART 98D AWOS-2
HOLD SE, RT, 309.86 INBOUND.
CHART FAS OBST: 1914 TREE 443206N/0992742W.
WAAS CHANNEL # 72839
REFERENCE PATH ID: W13A
CHART CIRCLING ICON.
LTP HAE: 537.4 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LPV DA	2192	1	340	2192	1	340		NA			NA				
LNAV/VNAV DA	2192	1	340	2192	1	340		NA			NA				
LNAV MDA	2260	1	408	2260	1	408		NA			NA				
CIRCLING	2460	1	606	2600	1	746		NA			NA				

CHANGES - REASONS

1. PROFILE: LINE 4 CHANGED "WUVAM/2.40 NM TO RW13 2640*" TO "WUVAM/2.40 NM TO RW13 2640" - AMENDED TO REMOVED ASTERISK.
2. PROFILE: LINE 8 CHANGED MSA FROM "RW31 3600" TO "RW31 3800" - NEW OBSTACLE SURVEY.
3. NOTES: CHANGED CHART NOTE FROM "USE ONIDA ALTIMETER SETTING; WHEN NOT RECEIVED, USE PIERRE ALTIMETER SETTING AND INCREASE LPV AND LNAV/VNAV DA TO 2226 AND ALL MDAS 40 FEET" TO "USE 98D ALTIMETER SETTING; WHEN NOT RECEIVED, USE PIR ALTIMETER SETTING AND INCREASE LPV DA TO 2226 FEET. INCREASE LNAV/VNAV DA TO 2226 FEET. INCREASE ALL MDAS 40 FEET" - PER CRITERIA 8260.19J 8-6-10 (E) (2) (A).
4. NOTES: REMOVED "*LNAV ONLY" - NO LONGER NEEDED.
5. PBN REQUIREMENTS NOTES: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - PER CRITERIA 8260.18J 8-6-8 (D)(5)(A).
6. ADDITIONAL FLIGHT DATA: CHANGED CHART NOTE FROM "ONIDA ASOS-3" TO "98D AWOS-2" - AMENDED TO SHOW 98D AS THE REMOTE WEATHER STATION.
7. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "FAS OBST: 1919 TREE 443214N/0992722W" TO "CHART FAS OBST: 1914 TREE 443206N/0992742W" - NEW OBSTACLE SURVEY.
8. MINIMUMS: LPV VISIBILITY ALL CATS CHANGED FROM "1 1/8 SM" TO "1 SM" - PER CRITERIA 8260.3F TABLE 3-3-1.
9. MINIMUMS: LNAV/VNAV VISIBILITY ALL CATS CHANGED FROM "1 1/8 SM" TO "1 SM" - PER CRITERIA 8260.3F TABLE 3-3-1.
10. FAS DATA BLOCK INFORMATION: CHANGED FPAP LAT/LONG FROM "443136.8790N/0992553.3455W" TO "443136.8820N/0992553.3410W" - PER NEW AIRNAV DATA.
11. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "16EED276" TO "3203C5D9" - FPAP LAT/LONG VALUES CHANGED.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: AIRPORT MANAGER, ZMP

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

TRAVIS D BRISTOW

Apr 08, 2025

OFFICE

AJV-A421

DATE

06/12/2025

APPROVED BY

DAVID DANNER

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	9D0
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	443239.6270N
LTP/FTP LONGITUDE	0992721.7810W
LTP/FTP ELLIPSOIDAL HEIGHT	+05374
FPAP LATITUDE	443136.8820N
FPAP LONGITUDE	0992553.3410W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3203C5D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05611
FPAP ORTHOMETRIC HEIGHT	+05611



**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>
9D0	RNAV (GPS) RWY 13	ORIG-B	HIGHMORE	SD	1854	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ELREE **TO** OMCEW

RNP 1.00 **DISTANCE** 30.69 **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 (46-022864)	442114.66N/0992702.36W	2597	20	3	1A	1000				AT403	4000
TERRAIN	442045.00N/0992748.00W	2209 (2200)								AS1500	3700

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM ALLOT **TO** OMCEW

RNP 1.00 **DISTANCE** 27.47 **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 (46-000281)	445219.00N/0991617.00W	2274	500	50	5D	1000				AT726	4000
TERRAIN	445218.00N/0991639.00W	2074 (2100)								AS1500	3600

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INITIAL

FROM

PIR VORTAC

TO

OMCEW

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	28.59										
<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	442830.00N/1000200.00W	2244	100	125	3E	1000				AT756	4000
TERRAIN	442830.00N/1000200.00W	2044 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

OMCEW (IF/IAF)

TO

UJBIC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.50										
<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	443506.00N/0993457.00W	2021	100	125	3E	500				AC60 AT819	3400
TERRAIN	443506.00N/0993457.00W	1821 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

UJBIC

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.77		DA	340	

<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 (46-025841)	443244.01N/0992736.70W	1898	20	10	1B		34:1			RA72 SA-3	2192

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

UJBIC

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.77		DA	340	

<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			RA72 XP18	2192

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - TO MAINTAIN PREVIOUS MINIMUMS.



FINAL: LNAV

FROM

UJBIC

TO

WUVAM/2.40 NM TO RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.37										
<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	443433.00N/0993109.00W	2028	215	8	4B	250				RA105 XP257	2640

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
TO MAINTAIN PREVIOUS MINIMUMS.

FINAL: LNAV STEPDOWN

FROM

WUVAM/2.40 NM TO RW13

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.40		RW13		408						
<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	443206.00N/0992742.00W	1914	215	8	4B	250				RA72 XP24	2260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
XP - TO MAINTAIN PREVIOUS MINIMUMS.



HOLD-IN-LIEU OF PT

FROM

OMCEW

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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	443318.00N/0993530.00W	2054	100	125	3E	1000				AT946	4000
TERRAIN	443318.00N/0993530.00W	1854 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

ITIXE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1921			
<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				4000
AAO	442654.00N/0991521.00W	2353	164	98	4E	1000					3400
TERRAIN	442751.00N/0991639.00W	2070 (2100)								AS1500	3600

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

ITIXE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1978				
<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				4000
AAO	442654.00N/0991521.00W	2353	164	98	4E	1000					3400
TERRAIN	442751.00N/0991639.00W	2070 (2100)								AS1500	3600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW13

TO

ITIXE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 2088				
<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				4000
AAO	442654.00N/0991521.00W	2353	164	98	4E	1000					3400
TERRAIN	442751.00N/0991639.00W	2070 (2100)								AS1500	3600

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											
BUILDING (46-025886)	443115.25N/0992621.56W	1.32	606	2044	20	3	1A	300		RA72 XP44	2460
CATEGORY B											
TOWER (46-020543)	443045.75N/0992602.41W	1.87	746	2180	20	3	1A	300		RA72 XP48	2600

CIRCLING REMARKS:

XP - TO MAINTAIN PREVIOUS MINIMUMS

MSA

CENTER

RW13

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (46-046277)	441900.91N/0993737.78W	203	15.5	2726	250	50	4D	1000			3800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION HEIGHT: 50FT PER FPT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, ABR CTAF

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-2	98D	24	98D	29.47	N	72
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	PIR	24	PIR	37.11	Y	105

WX REMARKS:

RASS PRESSURE THE SAME
K9D0 1854, K98D 1877 RA = 71.2
RASS PRESSURE THE SAME
K9D0 1854, KPIR 1720 RA = 104.3

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW13 - MIRL		NPI-G	
RW31 - MIRL		NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1841.0	40.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-18C	+54C	-18C	+11.33C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 720 HIGH TEMP 1152.

"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:

VDP NOT ESTABLISHED - REMOTE PRIMARY ALTIMETER IN USE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NOT DEVELOPED - PER ATC REQUEST

CAT C AND D MINIMUMS NA DUE TO RUNWAY WIDTH CONSIDERATION.

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	3.20
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	134.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1900
DISTANCE FROM	THLD	TO 1500FT POINT	4.77
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	134.71
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1900

THRESHOLD COORDINATES (IF STR-IN) 443239.63N/0992721.78W

ARP COORDINATES 443226.76N/0992703.64W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 13 DISTANCE 0.30 NM

FAF COORDINATES 443601.04N/0993206.19W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TRAVIS BRISTOW	AJV-A421	06/12/2025	AERONAUTICAL INFORMATION SPECIALIST

