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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
22	20	RNAV (GPS) RWY 31	ORIG	01/30/2020	3E	2020

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RELAX/20.00 DME		CAMIM		TF	FB	1.00	147.79	25.81	2000
CAMIM	IAF	SAMUE		TF	FB	1.00	216.88	7.99	2000
SAMUE	IF	SHOOL		TF	FB	1.00	299.82	6.50	1700
SHOOL	FAF	DANIO/1.42 NM TO RW31		TF	FB	0.30	312.43	3.66	
DANIO/1.42 NM TO RW31		RW31	MAP	TF	FO	0.30	312.43	1.42	
RW31	MAP	270 MSL		CA			312.43		
270 MSL		FIRTA		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT FIRTA AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT SAMUE
3. **FAC:** 312.43 **FAF:** SHOOL **DIST FAF TO MAP:** 5.09 **DIST FAF TO THLD:** 5.09
4. **MIN ALT:** SAMUE 2000, SHOOL 1700, DANIO/1.42 NM TO RW31 520
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.60 **GS ANT:**
6. **MIN GP INCPT:** 1700 **GP ALT AT PFAF:** SHOOL 1700 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 60.0
8. **MSA FROM:** RW31 2600

QUALITY 13 CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RELAX ON V163 NORTH BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 18 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 0.91 NM TO RWY31
HOLD NW, LT, 132.32 INBOUND.
CHART FAS OBST: 185 WATER_TOWER (48-139804) 255329N/0972326W.
WAAS CHANNEL # 65843
REFERENCE PATH ID: W31A
CHART CIRCLING ICON.
LTP HAE: -15.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	270	3/4	250	270	3/4	250	270	3/4	250	270	3/4	250			
LNAV/VNAV DA	270	3/4	250	270	3/4	250	270	3/4	250	270	3/4	250			
LNAV MDA	380	1	360	380	1	360	380	1	360	380	1	360			
CIRCLING	440	1	418	500	1	478	540	1 1/2	518	680	2	658			

CHANGES - REASONS

1. PROFILE LINE 4: CHANGED “DANIO/1.42 NM TO RW3 520*” TO “DANIO/1.42 NM TO RW3 520” – (*) NO LONGER REQUIRED.
2. PROFILE LINE 7: CHANGED “GPALT AT FAF: SHOOL 1700” TO “GPALT AT PFAF: SHOOL 1700” – PROCEDURE IS LPV.
3. PBN REQUIREMENTS NOTE: CHANGED “RNP APCH” TO “RNP APCH – GPS” – IAW 8260.19J 8-6-8D(1).
4. NOTES: CHANGED “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1°C OR ABOVE 54°C” – NEW FIVE YEAR TEMPERATURE HISTORY UTILIZED.
5. ADDITIONAL FLIGHT DATA: CHANGED” CHART FAS OBST: 185 WATER_TOWER 255329N/0972326W” TO “CHART FAS OBST: 185 WATER_TOWER (48-139804) 255329N/0972326W” – IAW 8260.19J 8-6-11C.
6. ADDITIONAL FLIGHT DATA: REMOVED “*LNAV ONLY” – NO LONGER REQUIRED.
7. ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 0.91 NM TO RWY31*” TO “CHART VDP AT 0.91 NM TO RWY31” – (*) NO LONGER REQUIRED.
8. MINIMUMS: CHANGED CIRCLING CAT C FROM “500” MDA AND “478” HAA TO “540” MDA AND “518” HAA – NEW CONTROLLING OBSTACLE, CANCELS FDC NOTAM 4/5922.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZHU, VALLEY APP CON, BRO TOWER, AMGR

FLIGHT CHECKED BY		OFFICE	DATE
JEFFREY A FINDLEY	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 18, 2025	AJF	02/12/2025

DEVELOPED BY		OFFICE	DATE
ROBERT G HAMILTON (DANIEL R. JOHNSON)	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 18, 2025	AJV-A433	04/17/2025

APPROVED BY		OFFICE	DATE	TITLE
ROBERT G HAMILTON	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 18, 2025	AJV-A433		MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBRO
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	255353.9785N
LTP/FTP LONGITUDE	0972455.8010W
LTP/FTP ELLIPSOIDAL HEIGHT	-00155
FPAP LATITUDE	255457.6125N
FPAP LONGITUDE	0972605.1810W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0496
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6E7C6B15

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00061
FPAP ORTHOMETRIC HEIGHT	+00061

QUALITY 13 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
RELAX/20.00 DME

TO
CAMIM

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	25.81				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (48-037288)	260639.62N/0971957.58W	508	20	3	1A	1000				AT492	2000
TERRAIN	260503.00N/0971727.00W	22 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
CAMIM

TO
SAMUE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.99				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	255115.00N/0971045.00W	210	164	98	4E	1000				AT790	2000
TERRAIN	255030.00N/0971533.00W	9 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

INTERMEDIATE

FROM	TO
SAMUE	SHOOL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.50				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	254921.00N/0971924.00W	214	164	98	4E	500				AC98 AT888	1700
TERRAIN	254927.00N/0972142.00W	13 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM	TO
SHOOL	RW31

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.09		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (48-085813)	255341.48N/0972444.24W	81	20	3	1A		34:1				270

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

FINAL: LNAV/VNAV

FROM	TO
SHOOL	RW31

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.09		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				270

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
SHOOL	DANIO/1.42 NM TO RW31

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.66				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	255118.00N/0972239.00W	227	215	8	4B	250				RA38	520

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
DANIO/1.42 NM TO RW31	RW31

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.42		RW31	360	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WATER_TOWER (48-139804)	255328.61N/0972325.84W	185	20	10	1B	250				SA-55	380

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

MISSED APPROACH: LPV

FROM	TO
DA	FIRTA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					77

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (48-009096)	255751.24N/0973110.20W	517	50	20	2C	1000					1600
TERRAIN	255921.00N/0973206.00W	62 (100)								AS1500	1600

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	TO
DA	FIRTA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					109

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (48-009096)	255751.24N/0973110.20W	517	50	20	2C	1000					1600
TERRAIN	255921.00N/0973206.00W	62 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW31	FIRTA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					280

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (48-009096)	255751.24N/0973110.20W	517	50	20	2C	1000					1600
TERRAIN	255921.00N/0973206.00W	62 (100)								AS1500	1600

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											
TOWER (48-147209)	255327.37N/0972604.98W	1.30	418	139	20	3	1A	300			440
CATEGORY B											
WATER_TOWER (48-139804)	255328.61N/0972325.84W	1.81	478	185	20	10	1B	300			500
CATEGORY C											
TOWER (48-190672)	255539.55N/0972753.75W	2.84	518	230	20	3	1A	300			540
CATEGORY D											
TOWER (48-008833)	255428.00N/0972953.00W	3.70	658	327	500	50	5D	300		AC50	680

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW31	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (48-004005)	260602.00N/0975021.00W	295	25.9	1547	20	3	1A	1000			2600

MSA REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZHU ARTCC, VALLEY APP CONTROL APP CON, BRO TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	BRO	24	BRO	0	Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**SERVICE-A**	**ADJUSTMENTS**
ASOS	PIL	24	PIL	16.16	Y	38

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
BRO 22, PIL 19
RA = 37.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL, PAPI-4L	NPI-G	
RW36 - MIRL, VASI-4L	NPI-G	
RW13 - MALSR (PCL), HIRL	PIR-G	APPROACH
RW31 - HIRL, PAPI-4L	PIR-G	ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	20.0	60.0			3.00	68.0

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
+1C	+54C	+2C	+14.96C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 18
20:1	
21 SIGN (48-139300) 255454.43N/0972542.74W (1.03)	

FINAL TYPE	LPV, LNAV/VNAV, AND LNAV
34:1	

81 TREE (48-085813) 255341.48N/0972444.24W (18.65)	77 TREE (48-139240) 255340.87N/0972443.46W (11.89)
76 TREE (48-117034) 255341.06N/0972443.18W (10.76)	71 TREE (48-139753) 255340.29N/0972444.97W (7.51)
69 TREE (48-085812) 255340.59N/0972445.48W (7.11)	65 TREE (48-056817) 255342.14N/0972445.62W (6.65)
69 TREE (48-071019) 255342.30N/0972442.80W (5.67)	70 TREE (48-083524) 255341.97N/0972441.51W (3.54)
45 BUILDING (48-027945) 255345.29N/0972450.59W (2.68)	54 POLE (48-117036) 255342.38N/0972448.56W (1.70)

PENETRATIONS REMARKS:

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.

55' VEGETATION APPLIED UNLESS OTHERWISE NOTED.

FOR CONTINGENCY PURPOSES ONLY:
NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PIL ALTIMETER SETTING: INCREASE DA TO 308 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM, CIRCLING CAT D 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING PIL ALTIMETER SETTING.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BRO	RNAV (GPS) RWY 31	ORIG-A	BROWNSVILLE	TX	22	RNAV

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**	2.89
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	315.43
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	0
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.69
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.76
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	315.43
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	0

THRESHOLD COORDINATES (IF STR-IN)	255353.98N/0972455.80W
ARP COORDINATES	255422.10N/0972533.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 31 DISTANCE 0.74 NM
FAF COORDINATES	255015.92N/0972058.28W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ROBERT G HAMILTON (DANIEL R. JOHNSON)	AJV-A433	04/17/2025	AERONAUTICAL INFORMATION SPECIALIST