UNITED STATES AIR FORCE
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE

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
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1430	1424	HI - ILS OR LOC RWY 3	9B	11/04/2021	5E	2000

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-FSD			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SKIES/FSD 35.00 DME	IAF	HETBO/FSD 20.00 DME					015.44 (FSD R-195)	15.00	5000
HETBO/FSD 20.00 DME	IF	ROKKY LOM/RADAR					029.89 (I-FSD)	10.83	3400

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.74 NM AFTER ROKKY LOM/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 230 AND FSD VORTAC R-269 TO FRYRE/FSD 15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT SKIES/FSD 35.00 DME
3. **FAC:** 029.89 **FAF:** ROKKY LOM/RADAR **DIST FAF TO MAP:** 5.74 **DIST FAF TO THLD:** 5.74
4. **MIN ALT:** SKIES/FSD 35.00 DME 18000, HETBO/FSD 20.00 DME 5000, ROKKY LOM/RADAR 3400, MAREY INT 2100**
5. **DIST TO THLD FROM OM:** 5.74 **MM:** **IM:** **150 HAT:** **GS ANT:** 1041
6. **MIN GS INCPT:** 3400 **GS ALT AT PFAF:** **OM:** 3305 **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.3
8. **MSA FROM:** FSD VORTAC 4500, ESA W/IN 100 NM 4600

QUALITY 34 CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

**2220 WHEN USING MDS ALTIMETER SETTING.
CHART NOTE: * FOR INOPERATIVE ALS, INCREASE S-ILS 3 VISIBILITY TO RVR 4000.
CHART NOTE: ** FOR INOPERATIVE ALS, INCREASE S-LOC 3 VISIBILITY TO 1 7/8 SM.
CHART NOTE: *** FOR INOPERATIVE ALS, INCREASE S-LOC 3 VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART ARRIVAL HOLDING AT SKIES: HOLD S, RT, 015.44 INBOUND, FL 180.
CHART PLANVIEW NOTE: MAXIMUM HOLDING AIRSPEED AT SKIES 265 KIAS.
HOLD W, RT, 089.40 INBOUND.
CHART FAS OBST: 1640 TOWER (46-000058) 433236N/0964657W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/2, CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 03*		NA			NA		1674	2400	250	1674	2400	250	1674	2400	250
S-LOC 03**		NA			NA		2100	1 1/2	676	2100	1 1/2	676	2100	1 1/2	676
CIRCLING		NA			NA		2100	1 7/8	670	2200	2 1/2	770	2300	3	870
MAREY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 03***		NA			NA		1940	5500	516	1940	5500	516	1940	5500	516
CIRCLING		NA			NA		2060	1 3/4	630	2200	2 1/2	770	2300	3	870

QUALITY 34 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD

CHANGES - REASONS

1. PROCEDURE NAME: CHANGED FROM “HI – ILS OR LOC RWY 3” TO “HI – ILS Z OR LOC Z RWY 3” – IAW 8260.3F, 1-6-2.D AND 8060.32G, 4-1-3.A.(6).
2. TERMINAL ROUTES: DELETED YKN VOR/DME TO SKIES/FSD 35.00 DME SEGMENT – YKN DECOMMISSIONED DUE TO VOR MON.
3. MAP: LOC CHANGED FROM “5.73 NM AFTER ROKKY LOM/RADAR” TO “5.74 NM AFTER ROKKY LOM/RADAR” – UPDATED EVALUATION/DATA.
4. MISSED APPROACH INSTRUCTIONS: CHANGED FROM “CLIMB TO 3400 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 240 AND FSD VORTAC R-269 TO FRYRE/15.00 DME AND HOLD.” TO “CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 230 AND FSD VORTAC R-269 TO FRYRE/15.00 DME AND HOLD.” – NEW TARGETS EVAL AND FPT DIRECTED TO SHORTEN DR SEGMENT LEG LENGTH.
5. PROFILE: LINE 3 CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.73 TO 5.74 – UPDATED EVALUATION AND IAW 8260.19J, 8-6-7.C.(3).
6. PROFILE: LINE 4 UPDATED FROM “SKIES/FSD 35.00 DME 5000, HETBO/FSD 20.00 DME 5000, ROKKY LOM/RADAR 3400, MAREY INT 1940*” TO “HETBO/20.00 DME 5000, ROKKY LOM/RADAR 3400, MAREY INT 2100**” – MARY INT ALTITUDE INCREASED DUE TO FIX MOVEMENT/RADIAL RESTRICTIONS AND NEW OBSTACLE EVALUATION.
7. PROFILE: LINE 5 DIST TO THLD FROM OM: CHANGED FROM 5.73 TO 5.74 AND GS ANT: CHANGED FROM 1040 TO 1041 – NEW TARGETS EVALUATION AND UPDATED AIRNAV DATA.
8. PROFILE: LINE 8 CHANGED FROM “FSD VORTAC 4500, ESA W/IN 100 NM 4600” TO “FSD VORTAC 090-180 4500, 180-360 3700, 360-090 3300, ESA W/IN 100 NM 4600” – DUE TO NEW CONTROLLING OBS.
9. EQUIPMENT REQUIREMENTS NOTES: ADDED NOTE “RADAR REQUIRED FOR PROCEDURE ENTRY.” – RADAR REQUIRED; PROCEDURE NOT TIED TO GROUND-BASED ENROUTE STRUCTURE.
10. NOTES: DELETED PROFILE NOTE “*LOC ONLY” AND SINGLE ASTERISK AT PROFILE LINE 4 – NO LONGER REQUIRED PER CURRENT CRITERIA.
11. NOTES: ADDED “**2220 WHEN USING MDS ALTIMETER SETTING.” – IAW 9260.19J, 8-6-7, D.(6), DOUBLE ASTERISK USED TO SEPARATE FROM SINGE ASTERISK ATTACHED TO ILS AND ALS INOP NOTES.
12. NOTES: CHART NOTE CHANGED FROM “* FOR INOPERATIVE ALS, INCREASE S-ILS 3 VISIBILITY TO 4000, VISIBILITY TO 3/4 SM.” TO “* FOR INOPERATIVE ALS, INCREASE S-ILS 3 VISIBILITY TO RVR 4000” – IAW 8260.3F 3-1-2, DIRECTS RVR OR VISIBILITY.
13. NOTES: CHART NOTE CHANGED FROM “** FOR INOPERATIVE ALS, INCREASE S-LOC 3 VISIBILITY TO 1 3/8 SM.” TO “** FOR INOPERATIVE ALS, INCREASE S-LOC 3 VISIBILITY TO 1 7/8 SM.” – NEW EVALUATION AND IAW 8260.3F, TABLE 3-3-1.
14. NOTES: CHART NOTE CHANGED FROM “*** FOR INOPERATIVE ALS, INCREASE S-LOC 3 RVR TO 5500, VISIBILITY TO 1 SM.” TO “*** FOR INOPERATIVE ALS, INCREASE S-LOC 3 VISIBILITY TO 1 3/8 SM.” – NEW EVALUATION AND IAW 8260.3F, TABLE 3-3-1.
15. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM “1510 TREE (KFSD0007) 433349N/0964543W.” TO “1640 TOWER (46-000058) 433236N/0964657W.” – NEW OBSTACLE EVALUATION.
16. ADDITIONAL FLIGHT DATA: DELETED “CHART 1690 TOWER (46-000676) 433056N/0964820W.” – NEW OBSTACLE SURVEY, NO 7:1 TAKEN.
17. ADDITIONAL FLIGHT DATA: DELETED “CHART: ASR” – NO LONGER REQUIRED BY CRITERIA.
18. FINAL MINIMUMS: S-LOC 3 MDA/HAT ALL CATS INCREASED FROM 1940/516 TO 2100/670 AND VISIBILITIES FROM CAT C 5500 RVR AND CAT D/E 6000 RVR TO ALL CATS 1 1/2 SM – NEW OBSTACLE SURVEY AND STEPDOWN FIX MAREY MOVED IAW 8260.3F, 2-9-9, C.(4).
19. CIRCLING MINIMUMS: CIRCLING MDA/HAA INCREASED MINIMUMS CAT A FROM 2060/630 TO 2100/676, VISIBILITY FROM 1 3/4 SM TO 1 1/2 SM – NEW OBSTACLE SURVEY AND STEPDOWN ALT INCREASED TO 2100.
20. FINAL MINIMUMS: S-LOC 3 MAREY FIX MINIMUMS DA/HAT INCREASED ALL CATS FROM 1780/356 TO 1940/516, VISIBILITY CAT C FROM 3000 RVR, CAT D/E FROM 4000 RVR TO ALL CATS 5500 RVR – NEW OBSTACLE SURVEY.
21. MINIMUMS BOX: CHANGED FROM “MAREY FIX MINIMA” TO “MAREY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)” – IAW 8260.19J, 8-6-12.N.(3)(F).

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZMP, SIOUX FALLS APP CON, AMGR

FLIGHT CHECKED BY		OFFICE	DATE
SCOTT WIEBE	*Digitally signed by* ***CASIMIR L TABAKA*** Jun 06, 2025	AJF	06/05/2025

DEVELOPED BY		OFFICE	DATE
CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)	*Digitally signed by* ***CASIMIR L TABAKA*** Jun 06, 2025	AJV-A432	11/20/2024

RECOMMENDED BY		OFFICE	DATE	TITLE

APPROVED BY		OFFICE	DATE	TITLE
CASIMIR L. TABAKA	*Digitally signed by* ***CASIMIR L TABAKA*** Jun 06, 2025	AJV-A432		MANAGER

QUALITY 34 CHECKED

UNITED STATES AIR FORCE
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD	1430	I-FSD

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
SKIES/FSD 35.00 DME

TO
HETBO/FSD 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	15.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	430727.00N/0971115.00W	1713	215	8	4B	1000				AT2287	5000
TERRAIN	430842.00N/0971124.00W	1489 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
HETBO/FSD 20.00 DME

TO
ROKKY LOM/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	10.83				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	432857.00N/0965333.00W	1729	215	8	4B	500				AT1171	3400
TERRAIN	432927.00N/0965112.00W	1535 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

SEGMENT LENGTH LONGER THAN 10 NM FOR OPERATIONAL REQUIREMENTS PER FPT.

QUALITY 34 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD	1430	I-FSD

FINAL: ILS

FROM	TO
GP INTCP	RW03

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.74		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC			XP50	1674

COMPUTATIONS

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

SEGMENT REMARKS:

XP - PER OBSTACLE TEAM TO MAINTAIN CURRENT MINS, AIRSPACE RESERVED FOR FUTURE CONTRUCTION.

FINAL: LOC

FROM	TO
ROKKY LOM/RADAR	MAREY INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.74			676	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	433039.00N/0964951.00W	1733	215	8	4B	250				DG117	2100

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 34 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD	1430	I-FSD

FINAL: LOC STEPDOWN

FROM	TO
MAREY INT	5.74 NM AFTER ROKKY LOM/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	2.00		5.74 NM AFTER ROKKY LOM/RADAR	516	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (46-000058)	433236.00N/0964657.00W	1640	20	50	1D	250				AC50	1940

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM	TO
DA	FRYRE/FSD 15.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1484

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (46-000195)	434346.00N/0970514.90W	2681	250	50	4D	1000					3700
TERRAIN	434354.00N/0970518.00W	1811 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 34 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD	1430	I-FSD

MISSED APPROACH: LOC

FROM

TO
FRYRE/FSD 15.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1850

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (46-000195)	434346.00N/0970514.90W	2681	250	50	4D	1000					3700
TERRAIN	434354.00N/0970518.00W	1811 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM
5.74 NM AFTER ROKKY LOM/RADAR

TO
FRYRE/FSD 15.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1690

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
TOWER (46-000195)	434346.00N/0970514.90W	2681	250	50	4D	1000					3700
TERRAIN	434354.00N/0970518.00W	1811 (1800)								AS1500	3300

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 34 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD	1430	I-FSD

CIRCLING [ ] ALL CATS [ ] CAT A [ ] CAT B [X] CAT C [X] CAT D [X] CAT E [ ] NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY C											
CRANE (46-045354)	433616.78N/0964739.20W	2.92	670/630	1710	20	10	1B	300		SI/XP40	2100/2060
CATEGORY D											
TOWER (46-020593)	433628.57N/0964836.10W	3.82	770/770	1847	500	50	5D	300		AC50	2200/2200
CATEGORY E											
TOWER (46-000424)	433839.38N/0964912.35W	4.78	870/870	1939	20	3	1A	300		XP60	2300/2300

CIRCLING REMARKS:

MAINTAIN CURRENT PUBLISHED MINS. MAINTAIN CURRENT MINS.

ESA

CENTER	RADIUS
FSD VORTAC	100

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (46-000261)	445756.00N/0973523.00W	327	86.3	3554	250	50	4D	1000			4600

ESA REMARKS:

MSA

CENTER	RADIUS
FSD VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (46-000194)	433107.00N/0963206.00W	117	13.3	3445	250	50	4D	1000			4500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY 34 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
FSD	HI - ILS Z OR LOC Z RWY 3	10	SIOUX FALLS	SD	1430	I-FSD

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FSD APP CON, FSD TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	FSD	24	FSD	0.58	Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
AWOS-3	MDS	24	MDS	30.03	Y	110

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
FSD 1430, MDS 1718
RA=109.5.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-FSD	FSD ATCT	TOWER OPEN	1
		TOWER CLOSED	3

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MIRL (PCL)	BSC-G	
RW27 - MIRL (PCL)	BSC-G	
01H	H-null	
RW15 - HIRL (PCL), REIL (PCL), PAPI-4L	NPI-G	
RW33 - REIL (PCL), HIRL (PCL), PAPI-4L	NPI-G	
RW03 - MALSR (PCL), HIRL (PCL), C/LINE, PAPI-4L	PIR-G	APPROACH
RW21 - MALSR (PCL), TDZ, HIRL (PCL), C/LINE (PCL), PAPI-4L	PIR-G	APPROACH

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1423.5	54.3	1419.6	1041	3.00	54.0

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**

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

QUALITY 34 CHECKED

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 - FINAL FACILITY DOES NOT HAVE DME.

100 FT VEGETATION USED PER FPT.

STEPDOWN FIX MAREY MOVED .61 NM SOUTHWEST DUE TO FSD VORTAC RADIAL RESTRICTION 160-170.

FOR CONTINGENCY USE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MDS ALTIMETER SETTING AND INCREASE DA TO 1784 FEET AND ALL VISIBILITIES TO RVR 3000; INCREASE ALL MDAS 120 FEET AND S-LOC 03 ALL VISIBILITIES 1/4 SM; INCREASE CIRCLING CAT C/D VISIBILITIES 5/8 SM.
* FOR INOPERATIVE ALS WHEN USING MDS ALTIMETER SETTING, INCREASE S-ILS 03 VISIBILITY TO RVR 5500.
** FOR INOPERATIVE ALS WHEN USING MDS ALTIMETER SETTING, INCREASE S-LOC 03 VISIBILITY TO 2 1/2 SM.
*** FOR INOPERATIVE ALS WHEN USING MDS ALTIMETER SETTING, INCREASE S-LOC 03 VISIBILITY TO 1 3/4 SM.
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**	3.21
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	0.91
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	034.89
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1500
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.94
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.29
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	034.89
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	1500

THRESHOLD COORDINATES (IF STR-IN)	433421.42N/0964513.34W
ARP COORDINATES	433455.27N/0964430.93W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 3 DISTANCE 0.76 NM
FAF COORDINATES	432938.89N/0964943.89W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)	AJV-A432	11/20/2024	

QUALITY 34 CHECKED