FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE NDB STANDARD INSTRUMENT APPROACH PROCEDURE

TITLE 14 CFR PART 97.27

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 KIRS	PROCEDURE NDB RWY		ORIGINAL/AMENDMENT 11	<u>CITY</u> STURGIS	<u>STATE</u> MI	
AIRPORT ELEVATION 925	TDZE 925	SUPERSEDED NDB RWY 24	ORIGINAL/AMENDMENT 10D	DATED 03/25/2021	MAG VAR 4W	EPOCH YEAR 1995
FACILITY IRS	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 19 MAY 2022	REQUIRED EFFECTIV ROUTINE	<u>'E DATE CANC</u>	<u>EL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	<u>RNP</u>	COURSE	DISTANCE	ALTITUDE

MISSED APPROACH

MAP:

IRS NDB

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 THEN RIGHT TURN DIRECT IRS NDB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:			
1. PT L SIDE OF COURSE 050	56.40 OUTBOUND 2500	FT WITHIN 10 MILES OF	IRS NDB (IAF)
2.			
3. FAC: 236.40	FAF:	DIST FAF TO MAP:	DIST FAF TO THLD:
4. MIN ALT:			
8. MSA FROM: IRS NDB 2600			

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: CIRCLING RWY 06 NA AT NIGHT. CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

<u>Airport ID</u> Kirs	PROCEDURE NAME NDB RWY 24	ORIGINAL/AMENDMENT 11	<u>CITY</u> STURGIS	<u>STATE</u> MI	
ADDITIONAL FLIGHT DATA:					

HOLD NE, RT, 236.40 INBOUND. FAS OBST: 1149 AAO 415136N/0852206W. FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD. CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A		A B C		D			E							
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-24	1500	1	575	1500	1	575	1500	1 5/8	575	1500	1 5/8	575			
CIRCLING	1500	1	575	1500	1	575	1620	2	695	1620	2 1/4	695			

CHANGES - REASONS

1. ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})."- UPDATED TARGETS EVALUATION.

2. ADDED EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY.- PER FPT CHECKLIST, ONLY VIABLE ENTRY FROM ENROUTE ENVIRONMENT.

3. REMOVED FEEDERS AZO VDME AND SEWTO, AND IAFS BURRA AND GEEBE.- PER FPT CHECKLIST/VOR MON.

4. MOVED COURSE REVERSAL TO IRS NDB.- PER FPT CHECKLIST/VOR MON.

5. PROFILE LINE 1 OUTBOUND COURSE CHANGED FROM 056.43 TO 056.40.- FINAL COURSE ALIGNED TO OPTIMUM STRAIGHT-IN.

6. PROFILE LINE 3 FAC COURSE CHANGED FROM 236.43 TO 236.40.- FINAL COURSE ALIGNED TO OPTIMUM STRAIGHT-IN.

7. MOVED BACKUP ALTIMETER NOTES FROM THE 8260-5 TO THE 8260-9 FOR CONTINGENCY PURPOSES. - 8260.19I, 8-6-9.F (3), PRIMARY WEATHER ON WMSCR.

8. CHART FAS OBST 1129 TREE 414916N/0852340W CHANGED TO FAS OBST 1149 AAO 415136N/0852206W - UPDATED OBSTACLE EVALUATION.

9. NOTE "FAC CROSSES RWY C/L EXTENDED 3010 FT FROM THLD." CHANGED TO "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD."- FINAL COURSE ALIGNED TO OPTIMUM STRAIGHT-IN. 10. ADDED "CHART CIRCLING ICON."- NEW CIRCLING CRITERIA WAS APPLIED PREVIOUS AMDT 10D.

11. CHANGED S-24 MDA/HAT ALL CATS FROM 1480/556 TO 1500/575 AND CAT C VIS FROM 1 ½ TO 1 5/8 AND CAT D VIS FROM 1 ¾ TO 1 5/8; CIRCLING CATS A/B MDA/HAA CHANGED FROM 1480/555 TO 1500/575.- UPDATED OBSTACLE EVALUATION.

12. CHART NOTE "VISIBILITY REDUCTION BY HELICOPTERS NA" CHANGED TO "RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.- UPDATED 34:1 EVALUATION.

13. HOLD NE, RT, 236.43 INBOUND CHANGED TO HOLD NE, RT, 236.40 INBOUND.- FINAL COURSE ALIGNED TO OPTIMUM STRAIGHT-IN.

14. TDZE CHANGED FROM 924 TO 925.- UPDATED AIRNAV DATA/SURVEY.

15. ADDED CHART NOTE: CIRCLING RWY 06 NA AT NIGHT.- NO SURVEY FOR RWY 06, ASSUMED 20:1/34:1 OBSTACLES.

COORDINATED WITH:

A4A 🗌 ALPA 🗙 AOPA 🗙	APA 🗌 HAI 🗌 NBAA 🛛	OTHER: ZAU, SBN ATCT, AZO ATCT, AMGR	
FLIGHT CHECKED BY Digital	lly signed by	OFFICE	DATE
JAIVIES UNIEAL	D H LANIER	FPO	02/24/2022
Mar <u>DEVELOPED BY</u> DONALD H. LANIER (TIA FERONTI)	02, 2022 Digitally signed by	OFFICE AJV-A432	DATE 11/08/2021
APPROVED BY LONNIE EVERHART Digitally signed	DONALD H LANIER Mar 02, 2022	OFFICE AJV-A430	DATE
DONALD H LAN	•		
Mar 02, 2022	2		

TITLE MANAGER