

**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.

<u>AIRPORT</u> SHENANDOAH MUNI	<u>AIRPORT ID</u> KSDA	<u>PROCEDURE NAME</u> NDB RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> SHENANDOAH	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 971	<u>TDZE</u> 967	<u>SUPERSEDED</u> NDB RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> SDA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 APRIL 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
OVR VORTAC		SDA NDB					140.90	29.07	2800

**MISSED APPROACH**

**MAP:**

SDA NDB

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2800 THEN LEFT TURN DIRECT SDA NDB AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L    **SIDE OF COURSE** 220.00    **OUTBOUND** 2800    **FT WITHIN** 10    **MILES OF** SDA NDB (IAF)

2.

3. **FAC:** 040.00    **FAF:**    **DIST FAF TO MAP:**    **DIST FAF TO THLD:**

4. **MIN ALT:**

8. **MSA FROM:** SDA NDB 3200

**EQUIPMENT REQUIREMENTS NOTES:**

**NOTES:**

CHART NOTE: CIRCLING RWY 30 NA AT NIGHT.  
CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLARINDA ALTIMETER SETTING AND INCREASE ALL MDAS 60 FT.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OVR VORTAC AIRWAY RADIALS 104 CW 192.

**ADDITIONAL FLIGHT DATA:**

CHART FAS OBST: 1269 TREE (BTL-7889) 403910N/0952900W.  
FAC 449 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.  
HOLD SW, RT, 040.00 INBOUND



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
S-04	1620	1	653	1620	1	653		NA			NA				
CIRCLING	1620	1	649	1620	1	649		NA			NA				

CHANGES - REASONS

1. CHANGED MSA MDA FROM 2700 MSL TO 3200 MSL. - TO INCORPORATE NOTAM FDC 8/9243.
2. REMOVED CHART NOTE: AIRPORT ELEV 971, TDZE 967. - DATA PULLED BY AIRNAV.
3. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OVR VORTAC AIRWAY RADIALS 104 CW 192 - IAW 8260.3D PARA 2-3-1(A)(1) AND 8260.19H PARA 8-2-5(E).
4. ADDED CHANGES FROM P-NOTAM FOR ORIG-C INCORPORATED INTO FORM - IAW 8260.19H PARA 8-3-4C(3).
5. CHANGED CHART NOTE: "CIRCLING TO RWY 30 NA AT NIGHT" TO "CIRCLING RWY 30 NA AT NIGHT" - IAW 8260.19H PARA 8-6-11(O)(2)(G).

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: OMAHA APP CON, ZMP, ARPT MNGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

Digitally signed by

DONALD H LANIER

Jan 02, 2019

OFFICE

OFFICE

AJV-5432

OFFICE

AJV-5430

DATE

DATE

11/29/2018

DATE

TITLE

MANAGER

DEVELOPED BY

WARDELL HENNING (THOR CORNELL)

APPROVED BY

PATRICK MULQUEEN

Digitally signed by  
DONALD H LANIER

Jan 02, 2019

