

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> BROOKINGS RGNL	<u>AIRPORT ID</u> KBKX	<u>PROCEDURE NAME</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> BROOKINGS	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1648	<u>TDZE</u> 1621	<u>SUPERSEDED</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 3E
<u>FACILITY</u> I-BKX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
VOLGA INT/FSD 32.00 DME		CHRLZ NDB/I-BKX 7.02 DME					351.18	10.94	3600
ASTOE INT/RWF 64.87 DME		CHRLZ NDB/I-BKX 7.02 DME					240.28	14.85	3600
GOLDS INT/I-BKX 20.29 DME	IAF	UTQOH INT/I-BKX 13.12 DME	NOPT				115.51	7.16 (I-BKX)	3600
UTQOH INT/I-BKX 13.12 DME	IF	CHRLZ NDB/I-BKX 7.02 DME	PFAF				115.51	6.10 (I-BKX)	3600

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.85 NM AFTER CHRLZ NDB/I-BKX 7.02 DME OR AT I-BKX 1.17 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 3600 DIRECT CHRLZ NDB/I-BKX 7.02 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2600 ON HEADING 116 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 225 FOR RADAR VECTORS TO VOLGA INT/FSD 32.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

PROFILE:

1. PT L SIDE OF COURSE 295.51 OUTBOUND 3600 FT WITHIN 10 MILES OF BK NDB (IAF)

2.

3. FAC: 115.51 PFAF: DIST PFAF TO MAP: 5.85 DIST PFAF TO THLD: 5.85

4. MIN ALT: CHRLZ NDB/I-BKX 7.02 DME 3600, WOXOM/I-BKX 2.77 DME 2140*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: HAT: GS ANT: 850

6. MIN GS INCPT: 3600 GS ALT AT PFAF : OM: MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 50.4

8. MSA FROM: BK NDB 3800

EQUIPMENT REQUIREMENTS NOTES



ADF REQUIRED.

NOTES:

*2240 WHEN USING PIPESTONE ALTIMETER SETTING
CHART NOTE: VDP NA WHEN USING PIPESTONE ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING PIPESTONE ALTIMETER SETTING, INCREASE S-ILS 12 ALL CATS VISIBILITY TO 7/8 SM, AND S-LOC 12 CAT C/D VISIBILITY TO 1 ¾ SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CATS C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PIPESTONE ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET, INCREASE S-LOC 12 CATS C/D VISIBILITY 3/8 SM AND WOXOM FIX MINIMUMS S-LOC 12 CATS C/D VISIBILITY 5/8 SM, AND INCREASE CIRCLING CATS C/D VISIBILITY 1/4 SM.
CHART NOTE: CIRCLING RWY 17 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: HON R-078, 46.98 DME AT GOLDS.
CHART VDP AT 2.14 DME*
DISTANCE VDP TO THLD 0.96 NM
* LOC ONLY
CHART FAS OBST: 1707 TREE 441926N/0965127W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S VOLGA INT/FSD 32.00 DME, RT, 340.11 INBOUND.
HOLD NW, RT, 115.51 INBOUND

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
S-ILS 12	1821	1/2	200	1821	1/2	200	1821	1/2	200	1821	1/2	200			
S-LOC 12	2140	1/2	519	2140	1/2	519	2140	1	519	2140	1	519			
CIRCLING	2140	1	492	2160	1	512	2340	2	692	2340	2 1/4	692			
WOXOM FIX MINIMUMS															
S-LOC 12	1960	1/2	339	1960	1/2	339	1960	5/8	339	1960	5/8	339			
CIRCLING	2140	1	492	2160	1	512	2340	2	692	2340	2 1/4	692			

CHANGES - REASONS

1. CHANGED CHRLZ LOM TO CHRLZ NDB IN MISSED APPROACH INSTRUCTIONS - LOM BEING DECOMMISSIONED AND MISSED APPROACH WAS NOT CHANGED IN PRIOR PUBLICATION
2. CHANGED CHART AND PLANVIEW NOTE: ADF REQUIRED TO AN EQUIPMENT REQUIREMENTS NOTE - IAW 8260-19H PARA. 8-6-8
3. CHANGED ALL REFERENCE OF MALSR TO ALS - IAW 8260-19H
4. FOR VISIBILITY CHART NOTES, CHANGED MILE TO SM - IAW 8260-19H PARA. 8-6-9

PDF EDIT - IN PROFILE LINE 1, CHANGED "BK (IAF)" TO "BK NDB (IAF)"



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

DEVELOPED BY

LONNIE EVERHART (GREGORY BENNETT)

APPROVED BY

LONNIE EVERHART

Digitally signed by
ROBERT G HAMILTON
Apr 23, 2018

OFFICE

OFFICE

AJV-5400

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DATE

Digitally signed by
ROBERT G HAMILTON
Apr 23, 2018

DATE

03/21/2018

DATE

TITLE

MANAGER

