

**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> BARROW COUNTY	<u>AIRPORT ID</u> KWDR	<u>PROCEDURE NAME</u> NDB RWY 31	<u>ORIGINAL/AMENDMENT</u> 9D	<u>CITY</u> WINDER	<u>STATE</u> GA	
<u>AIRPORT ELEVATION</u> 934	<u>TDZE</u> 922	<u>SUPERSEDED</u> NDB RWY 31	<u>ORIGINAL/AMENDMENT</u> 9C	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> BMW	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 SEPTEMBER 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>
AHN VOR/DME		BMW NDB					266.90	13.23	2500
DACHA INT	IF/IAF	BMW NDB	NOPT				314.25	13.77	2400

MISSED APPROACH

MAP:

4.47 NM AFTER BMW NDB

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2500 DIRECT BMW NDB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R **SIDE OF COURSE** 132.02 **OUTBOUND** 2500 **FT WITHIN** 10 **MILES OF** BMW NDB (IAF)
2.
3. **FAC:** 312.02 **FAF:** BMW NDB **DIST FAF TO MAP:** 4.47 **DIST FAF TO THLD:** 4.47
4. **MIN ALT:** BMW NDB 2400
8. **MSA FROM:** BMW NDB 3700

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-31 CAT A/B VISIBILITY TO 1 SM.
CHART NOTE: CIRCLING RWY 13, 23 NA AT NIGHT.
CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



ADDITIONAL FLIGHT DATA:

BMW NDB TO RW31: 3.08/30.
CHART FAS OBST: 1119 TOWER 335556N/0833711W.
HOLD SE, LT, 312.02 INBOUND

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

ALTERNATE: NA ☐ STANDARD

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-31	1480	3/4	558	1480	3/4	558	1480	1 1/8	558	1480	1 1/8	558			
CIRCLING	1480	1	546	1500	1	566	1500	1 5/8	566	1500	2	566			

CHANGES - REASONS

1. REMOVED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATHENS ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE S-31 CATS C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/8 MILE" - KWDR IS ON WMSCR.
2. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR INCREASE S-31 CATS A/B VISIBILITY 1 MILE" TO "FOR INOPERATIVE ALS, INCREASE CAT A/B VISIBILITY TO 1 SM" - PER 8260.19H PARA 8-6-11 O.(3)(D) AND 8260.3D TABLES 3-3-3 AND 3-3-4.
3. REMOVED CHART NOTE FROM "FOR INOPERATIVE MALSR WHEN USING ATHENS ALTIMETER SETTING, INCREASE S-31 CAT C/D VISIBILITY TO 1 3/4 MILE" - KWDR IS ON WMSCR.
4. LOWERED S-31 HAT ALL CATS FROM 560 TO 558 - TDZE RAISED FROM 920 TO 922 PER NEW AIRPORT SURVEY DATA.
5. RAISED CIRCLING CAT A HAA FROM 537 TO 546, CATS B/C/D FROM 557 TO 566 - NEW SURVEY DATA LOWERED AIRPORT ELEVATION FROM 943 TO 934.
6. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - PER 8260.19H PARA 8-6-11 K. (3).
7. UPDATED CHART NOTE FROM "NIGHT LANDING: RWY 13, 23 NA" TO "CHART NOTE: CIRCLING RWY 13, 23 NA AT NIGHT"- 8260.19H PARA 8-6-11 O.(2)(G).
8. ADDED CHART PROFILE NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - PER 8260.19H PARA 8-6-9 M: ANGLES NOT WITHIN 0.20 DEGREES AND TCH VALUES WITHIN 3 FEET.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, ATL APP CON, ARPT MGR

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

DEVELOPED BY
VICTOR BOONE
Digitally signed by VICTOR C BOONE
Feb 07, 2019

APPROVED BY
LONNIE EVERHART
Digitally signed by MARK D ADAMS
Mar 15, 2019

OFFICE

DATE
Digitally signed by MARK D ADAMS
Mar 15, 2019

OFFICE
AJV-5412
DATE
11/19/2018

OFFICE
AJV-5410
DATE
TITLE
MANAGER

