

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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 ID</u> ABR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> ABERDEEN	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1302	<u>TDZE</u> 1301	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>DATED</u> 01/25/2024	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7E <u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ABR VOR/DME		DOXCU		TF	FO	1.00	129.18	8.96	3000
EFJAM	IAF	DOXCU	NOPT	TF	FB	1.00	038.11	8.03	3000
FIBDA	IAF	DOXCU	NOPT	TF	FB	1.00	253.26	5.14	3000
DOXCU	IF/IAF	CISOD		TF	FB	1.00	308.20	6.10	3000
CISOD	FAF	ATPIC/2.60 NM TO RW31		TF	FB	0.30	308.13	2.50	
ATPIC/2.60 NM TO RW31		RW31	MAP	TF	FO	0.30	308.13	2.60	
RW31	MAP	1501 MSL		CA			308.13		
1501 MSL		HATHR		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HATHR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SE DOXCU, RT, 308.20 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 308.13	FAF: CISOD		DIST FAF TO MAP: 5.10	DIST FAF TO THLD: 5.10	
4. MIN ALT: DOXCU 3000, CISOD 3000, ATPIC/2.60 NM TO RW31 2180					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT: 3000	GP ALT AT PFAF: CISOD 3000			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 52.0		IM:
8. MSA FROM: RW31 3400					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ABR VOR/DME ON V170 NORTH WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 127.91 INBOUND.
FAS OBST: 1406 TREE 452509N/0982345W.
CHART VDP AT 0.92 NM TO RW31.
WAAS CHANNEL # 42914
REFERENCE PATH ID: W31A
LTP HAE: 372 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, 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
LPV DA	1501	1	200	1501	1	200	1501	1	200	1501	1	200			
LNAV/VNAV DA	1599	1	298	1599	1	298	1599	1	298	1599	1	298			
LNAV MDA	1660	1	359	1660	1	359	1660	1	359	1660	1	359			
CIRCLING	1760	1	458	1860	1	558	1980	2	678	2160	2 3/4	858			

CHANGES - REASONS

1. PROFILE LINE 5: 200 HAT CHANGED FROM 0.47 TO 0.46 - DISTANCE ROUNDING UPDATED FROM 0.47 TO 0.46 (0.4645) 200 HAT TO THLD.
2. NOTES: REMOVED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 7/8 SM AND LNAV VISIBILITY CATS C/D TO 1 SM" - NO LONGER APPLICABLE IAW 8260.3G TABLE 3-3-1.
3. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "1396 TREE (46-042834) 452547N/0982409W" TO "1406 TREE 452509N/0982345W" - NEW OBSTACLE EVALUATION.
4. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED IAW MEMO 279.
5. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" – IAW 8260.19K 8-6-12 B(4).
6. MINIMUMS: RAISED LPV AND LNAV/VNAV VISIBILITIES ALL CATS FROM 1/2 TO 1 - IAW 8260.3G TABLE 3-3-1.
7. MINIMUMS: RAISED LNAV VISIBILITIES CATS A/B FROM 1/2 TO 1 AND CATS C/D FROM 5/8 TO 1 - IAW 8260.3G TABLE 3-3-1.
8. MINIMUMS: RAISED CIRCLING CAT C CMDA/HAA FROM 1960/658 TO 1980/678 AND VISIBILITY FROM 1 3/4 TO 2 - INCORPORATED NOTAM FDC: 5/7556, NEW TOWER AFFECTS CIRCLING CAT C MINIMUMS; VISIBILITY IAW 8260.3G TABLE 3-3-1.
9. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "E31E345E" TO "82F0F143" - FPAP COORDINATES CHANGED FROM "452733.6850N/0982601.9645W" TO "452733.6800N/0982601.9715W".



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP, AMGR

FLIGHT CHECKED BY

PAUL A GOSDEN

Digitally signed by

CASIMIR L TABAKA

Feb 18, 2026

OFFICE

AJF

DATE

02/17/2026

DEVELOPED BY

CASIMIR L. TABAKA (HOPE N. DENTON)

Digitally signed by

CASIMIR L TABAKA

Feb 18, 2026

OFFICE

AJV-A432

DATE

12/23/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Feb 18, 2026

OFFICE

AJV-A432

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KABR
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	452630.6265N
LTP/FTP LONGITUDE	0982432.5650W
LTP/FTP ELLIPSOIDAL HEIGHT	+03720
FPAP LATITUDE	452733.6800N
FPAP LONGITUDE	0982601.9715W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	82F0F143

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03965
FPAP ORTHOMETRIC HEIGHT	+03965

