

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</u> KNOX COUNTY RGNL	<u>AIRPORT ID</u> KRKD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> ROCKLAND	<u>STATE</u> ME
<u>AIRPORT ELEVATION</u> 55	<u>TDZE</u> 54	<u>SUPERSEDED</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 12/06/2018	<u>MAG VAR</u> 18W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
RAZZR		TULUE		TF	FB	1.00	168.24	23.10	2100
BGR VORTAC		PIYOR		TF	FB	1.00	203.52	60.82	2600
TULUE	IAF	OCAGO		TF	FB	1.00	121.28	7.00	2000
PIYOR	IAF	OCAGO		TF	FB	1.00	301.50	7.00	2000
OCAGO	IF	JESOD		TF	FB	1.00	031.39	6.20	2000
JESOD	FAF	RW03	MAP	TF	FO	0.30	031.41	5.90	
RW03	MAP	374 MSL		CA			031.41		
374 MSL		HEVUR		DF	FB	1.00			
HEVUR		RAZZR		TF	FO	1.00	299.77	22.72	3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HEVUR AND ON TRACK 299.77 TO RAZZR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT OCAGO

3. FAC: 031.41

FAF: JESOD

DIST FAF TO MAP: 5.90

DIST FAF TO THLD: 5.90

4. MIN ALT: OCAGO 2000, JESOD 2000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

320 HAT: 0.89

GS ANT:

6. MIN GP INCPT: 2000

GP ALT AT FAF : JESOD 2000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 40.0

8. MSA FROM: RW03 2600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BGR VORTAC AIRWAY RADIALS 239 CW 283.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAZZR ON V302 NORTHWEST BOUND AND T295, V93 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.49 NM TO RW03*
*LNAV ONLY
WAAS CHANNEL #40210
REFERENCE PATH ID: W03A
CHART FAS OBST: 199 TREE 440148N/0690659W.
HOLD SE, RT, 321.16 INBOUND
LTP HAE: -9.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 1100-3

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	374	1 1/4	320	374	1 1/4	320	374	1 1/4	320	374	1 1/4	320			
LNAV/VNAV DA	459	1 1/2	405	459	1 1/2	405	459	1 1/2	405	459	1 1/2	405			
LNAV MDA	560	1	506	560	1	506	560	1 3/8	506	560	1 1/2	506			
CIRCLING	600	1	545	600	1	545	720	1 3/4	665	1140	3	1085			



CHANGES - REASONS

1. FEEDER ROUTES FROM RAZZR AND BGR VORTAC: RNP VALUE CHANGED FROM 2.0 TO 1.0 - RNP VALUE CORRECTED FOR FEEDER SEGMENT PER UPDATED TERPS CRITERIA.
2. CORRECTED RNP VALUE FROM 0.5 TO 1.0 ON THE INTERMEDIATE SEGMENT - RNP VALUE CORRECTED FOR INTERMEDIATE SEGMENT PER UPDATED TERPS CRITERIA.
3. CORRECTED RNP VALUE FROM 0.5 TO 0.3 ON THE FINAL 30 SEQUENCE AT THE MAP - CORRECTION TO FORM.
4. CA LEG ADDED TO MISSED APPROACH - PER 8260.58A 3-5-2.
5. ADDED 'FB' TO LEG TYPE AT 374 MSL TO HEVUR IN TERMINAL ROUTES MISSED APPROACH - CORRECTION TO FORM.
6. TERMINAL ROUTE HEVUR TO RAZZR: 22.72 NM DISTANCE ADDED - CORRECTION TO FORM.
7. MISSED APPROACH CHANGED FROM 'CLIMB TO 3000 DIRECT HEVUR AND VIA 299.77 TRACK TO RAZZR AND HOLD' TO 'CLIMB TO 3000 DIRECT HEVUR AND ON TRACK 299.77 TO RAZZR AND HOLD' - CORRECTION TO FORM.
8. PROFILE LINE 7, 20:1 IS CLEAR ADDED - IAW 8260.19H PARA 8-6-7G(3).
9. PROFILE NOTE: 'VGSI AND DESCENT ANGLES NOT COINCIDENT' CHANGED TO 'VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE { ANGLE}/TCH {FEET})' - IAW 8260.19H PARA 8-6-9M(2).
10. PLANVIEW NOTE CHANGED FROM 'PROCEDURE NA FOR ARRIVALS AT BGR VORTAC ON AIRWAY RADIALS 151 CW 251, AND ARRIVALS AT RAZZR VIA V302 NORTHWEST BOUND' TO 'PROCEDURE NA FOR ARRIVALS ON BGR VORTAC AIRWAY RADIALS 239 CW 283' - IAW 8260.19H PARA 8-2-5E.
11. PLANVIEW NOTE ADDED: PROCEDURE NA FOR ARRIVALS AT RAZZR ON V302 NORTHWEST BOUND AND T295, V93 NORTHEAST BOUND - IAW 8260.19H PARA 8-2-5E.
12. NOTE CHANGED FROM 'RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED' TO 'RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED' - 20:1 PENETRATIONS CLEARED, 34:1 PENETRATIONS ONLY.
13. FAHRENHEIT TEMPS DELETED FROM NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). CRITICAL HIGH TEMP CHANGED FROM 49C TO 54C - PER 8260.19H 8-6-9S.
14. NOTE DELETED: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WISCASSET ALTIMETER SETTING AND INCREASE ALL DA 65 FEET, ALL MDA 80 FEET, LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE - PRIMARY AND BACKUP ALTIMETER SOURCE BOTH ON WMSCR.
15. NOTE DELETED: BARO-VNAV NA WHEN USING WISCASSET ALTIMETER SETTING - PRIMARY AND BACKUP ALTIMETER SOURCE BOTH ON WMSCR.
16. NOTE DELETED: ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE - PRIMARY AND BACKUP ALTIMETER SOURCE BOTH ON WMSCR.
17. ADDITIONAL FLIGHT DATA, VDP NOTE ADDED: VDP AT 1.49 NM TO RW03* *LNAV ONLY - 20:1 PENETRATIONS CLEARED.
18. LNAV MINIMA, CAT C VISIBILITY CHANGED FROM 1 1/4 SM TO 1 3/8 SM - CORRECTION TO FORM.
19. CHANGES FROM P-NOTAM FOR ORIG-A INCORPORATED INTO FORM - REQUIRED IAW 8260.19H PARA 8-3-4C(3).

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZBW, NHZ APP CON, AP MGR, ATA

FLIGHT CHECKED BY

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

DEVELOPED BY

ANDREA CHANEY

APPROVED BY

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Digitally signed by

DAVID TEFFETELLER

Feb 07, 2019

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Feb 07, 2019

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OFFICE

AJV-A433

01/09/2019

DATE

OFFICE

AJV-A43

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRKD
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	440321.5900N
LTP/FTP LONGITUDE	0690602.6900W
LTP/FTP ELLIPSOIDAL HEIGHT	-00099
FPAP LATITUDE	440448.2600N
FPAP LONGITUDE	0690533.9800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C6DD0B0B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00153
FPAP ORTHOMETRIC HEIGHT	+00153

