

**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> KCOD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CODY	<u>STATE</u> WY		
<u>AIRPORT ELEVATION</u> 5102	<u>TDZE</u> 5097	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<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>
TOCUD	IAF	JABOS		TF	FB	1.00	051.27	28.15	13600
JABOS		KEBDE		TF	FB	1.00	051.67	2.01	13300
KEBDE	IF	TAKBE		TF	FB	1.00	052.53	3.19	12200
TAKBE		JKIES		TF	FB	1.00	052.58	9.57	9500
JKIES		WIBOP		TF	FB	1.00	050.71	2.22	8800
WIBOP	FAF	ZABMO/4.10 NM TO (CFFFG)		TF	FB	0.30	038.19	5.70	
ZABMO/4.10 NM TO (CFFFG)		(CFFFG)	MAP	TF	FO	0.30	038.19	4.10	
(CFFFG)	MAP	5502 MSL		CA			038.19		
5502 MSL		BOART		DF	FB	1.00			
BOART		SEZJI		TF	FO	1.00	348.42	12.77	8400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: (CFFFG)

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 8400 DIRECT BOART AND ON TRACK 348.42 TO SEZJI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT KEBDE

3. FAF:

038.19

FAF:

WIBOP

DIST FAF TO MAP:

9.80

DIST FAF TO THLD:

9.80

4. MIN ALT: KEBDE 13300, TAKBE 12200, JKIES 9500, WIBOP 8800, ZABMO/4.10 NM TO (CFFFG) 6680*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

695 HAT:

1.70

GS ANT:

6. MIN GP INCPT:

8800

GP ALT AT FAF :

WIBOP 8800

OM:

MM:

IM:

7. GP ANGLE:

3.50

34:1:

IS NOT CLEAR

20:1:

IS CLEAR

TCH:

60.0

8. MSA FROM: CFFFG 13600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOCUD ON V465 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
FAC 327 FT L OF RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD N, LT, 180.73 INBOUND.
FAS OBST: 5548 AAO 442813N/1090514W.
5639 AAO 442807N/1090637W.
CHART VDP AT 2.04 NM TO (CFFFG)*
*LNAV ONLY.
WAAS CHANNEL # 45943
REFERENCE PATH ID: W04A
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
FTP HAE: 1541.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ NA WHEN LOCAL WEATHER NOT AVAILABLE.; CAT A, B, C 900-2 1/2, CAT D 1900-3

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	5792	2	695	5792	2	695	5792	2	695	5792	2	695			
LNAV/VNAV DA	5891	2 1/2	794	5891	2 1/2	794	5891	2 1/2	794	5891	2 1/2	794			
LNAV MDA	5920	1	823	5920	1 1/4	823	5920	2 1/2	823	5920	2 1/2	823			
CIRCLING	5920	1 1/4	818	5920	1 1/4	818	5940	2 1/2	838	7000	3	1898			



CHANGES - REASONS

1. INITIAL: JKIES TO WIBOP (PFAF) COURSE CHANGED FROM 050.64 TO 050.71 - WIBOP MOVED DUE TO FAC REALIGNMENT.
2. FINAL: WIBOP TO ZABMO (SD) COURSE/DISTANCE CHANGED FROM 038.21/5.65 TO 038.19/5.70 - FAC REALIGNMENT.
3. FINAL: ZABMO (SD) TO CFFFG (FTP) COURSE/DISTANCE CHANGED FROM 038.21/4.15 TO 038.19/4.10 - FAC REALIGNMENT.
4. MISSED APPROACH CA LEG: CFFFG (FTP) TO 5502 MSL COURSE CHANGED FROM 038.21 TO 038.19 - FAC REALIGNMENT.
5. PFAF ALTITUDE AT WIBOP INCREASED FROM 8000 TO 8800 - PER ORIGINAL FPT CHECKLIST.
6. LNAV MAP CHANGED FROM RW04 TO CFFFG (FTP) - ALL LINES OF MINIMA (LPV, LNAV/VNAV AND LNAV) ALIGNED AIMING POINT TO CFFFG (FTP) - PER INTERNAL QC.
7. PROFILE LINE 3: FAC CHANGED FROM 038.21 TO 038.19 - FAC REALIGNMENT.
8. PROFILE LINE 4: CHANGED FROM "KEBDE 13300, TAKBE 12200, JKIES 9500, WIBOP 8000, ZABMO/4.15 NM TO RW04 6680*" TO "KEBDE 13300, TAKBE 12200, JKIES 9500, WIBOP 8800, ZABMO/4.10 NM TO CFFFG 6680*" - FTP NAMED AND RELOCATED AND PFAF ALTITUDE INCREASED FROM 8000 TO 8800 PER ORIGINAL FPT CHECKLIST.
9. PROFILE LINE 5: CHANGED FROM "697 HAT: 1.71" TO "695 HAT: 1.70" - FAC REALIGNMENT.
10. PROFILE LINE 6: CHANGE FROM "MIN GP INCPT: 8000, GP ALT AT PFAF: WIBOP 8000" TO "MIN GP INCPT: 8800, GP ALT AT PFAF: WIBOP 8800" - PER ORIGINAL FPT CHECKLIST.
11. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.98 DEGREES" TO "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES" - FAC REALIGNMENT.
12. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 2.20 NM TO RW04*" TO "CHART VDP AT 2.04 NM TO (CFFFG)*" - CHANGE OF PFAF ALTITUDE AND FAC REALIGNMENT.
13. ADDITIONAL FLIGHT DATA: CHANGED WAAS CHANNEL FROM #56244 TO #45943 - FULL AMENDMENT.
14. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM 5680 AAO 442915N/1090615W TO 5548 AAO 442813N/1090514W - NEW TARGETS BUILD.
15. ADDITIONAL FLIGHT DATA: 7:1 OBSTACLES UPDATED FROM "6047 AAO 442324N/1091154W. 5607 AAO 442800N.1090639W" TO "6040 AAO 442410N/1091110W, 5639 AAO 442807N/1090637W" - IAW 8260.19H PARA 8-6-10.C AND NEW TARGETS EVALUATION.
16. ADDITIONAL FLIGHT DATA: FAC CHANGED FROM "FAC 325 FT OF RWY C/L EXTENDED 3000 FT FROM THLD" TO "FAC 327 FT OF RWY C/L EXTENDED 3000 FT FROM THLD" - NEW TARGETS BUILD RESULTING IN FAC REALIGNMENT AND PLACEMENT OF FTP.
17. AMENDED LPV DA/HAT FROM 5794/697 TO 5792/695 ALL CATS - NEW TARGETS EVALUATION.
18. AMENDED LNAV/VNAV DA/HAT FROM 5862/765 TO 5891/794 ALL CATS - NEW TARGETS EVALUATION.
19. AMENDED LNAV MDA/HAT FROM 5980/878 TO 5920/823 ALL CATS - NEW TARGETS EVALUATION.
20. AMENDED LNAV CAT A VIS FROM 1 1/4 TO 1 - NEW TARGETS EVALUATION AND VISICHECK.
21. AMENDED CIRCLING CAT A AND B MDA/HAA FROM 5980/878 TO 5920/818 - NEW TARGETS EVALUATION.
22. AMENDED CIRCLING CAT C MDA/HAA FROM 5980/878 TO 5940/838 - NEW TARGETS EVALUATION.
23. AMENDED CIRCLING CAT D MDA/HAA FROM 6940/1838 TO 7000/1898 - NEW TARGETS EVALUATION.
24. CRC REMAINDER CHANGED FROM "97A720D9" TO "45077E73" - UPDATED LTP/FTP AND FPAP COORDINATES.
25. UPDATED BACKUP ALTIMETER NOTES LOCATED IN 8260-9 PART C.
26. PROFILE LINE 4: CHANGED "DIST FAF TO THLD" TO "DIST FAF TO FTP" - PER CRITERIA.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JORDAN ROLIH

Digitally signed by **OFFICE****DATE****DAVID TEFFETELLER**

Nov 23, 2020

DEVELOPED BY

WARDELL HENNING (JAY BAGGETT)

*Digitally signed by***DAVID TEFFETELLER****OFFICE**

AJV-A432

DATE

07/21/2020

APPROVED BY

GEORGE DAVIS

*Digitally signed by***DAVID TEFFETELLER****OFFICE**

AJV-A430

DATE**TITLE**
MANAGER

Nov 23, 2020



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCOD
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	443055.6100N
LTP/FTP LONGITUDE	1090207.5400W
LTP/FTP ELLIPSOIDAL HEIGHT	+15416
FPAP LATITUDE	443153.6925N
FPAP LONGITUDE	1090033.0995W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	45077E73

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+15535
FPAP ORTHOMETRIC HEIGHT	+15535

