

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> 3AU	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> AUGUSTA	<u>STATE</u> KS
<u>AIRPORT ELEVATION</u> 1326	<u>TDZE</u> 1324	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/04/2016
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> 10/31/2024	<u>MAG VAR</u> 4E
				<u>EPOCH YEAR</u> 2010
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WAKOP	IAF	ZELOB		TF	FB	1.00	000.15	7.18	3000
JETBU	IAF	ZELOB		TF	FB	1.00	087.53	7.44	3000
SMAWT	IAF	ZELOB		TF	FB	1.00	270.21	5.00	3000
ZELOB	IF	AGSEQ		TF	FB	1.00	000.15	6.86	3000
AGSEQ	FAF	TEYNO/1.57 NM TO RW36		TF	FB	0.30	000.18	3.64	
TEYNO/1.57 NM TO RW36		RW36	MAP	TF	FO	0.30	000.18	1.57	
RW36	MAP	1524 MSL		CA			000.18		
1524 MSL		GOLUW		DF	FB	1.00			
GOLUW		INDIC		TF	FO	1.00	346.90	11.54	4500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4500 DIRECT GOLUW AND ON TRACK 346.90 TO INDIC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ZELOB
3. FAC: 000.18 FAF: AGSEQ DIST FAF TO MAP: 5.21 DIST FAF TO THLD: 5.21
4. MIN ALT: ZELOB 3000, AGSEQ 3000, TEYNO/1.57 NM TO RW36 1840
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.57 GS ANT: MM: IM:
6. MIN GP INCPT: 3000 GP ALT AT PFAF: AGSEQ 3000
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM: RW36 3600



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 NOTE: BARO-VNAV NA WHEN USING AAO ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAO ALTIMETER SETTING AND INCREASE LPV DA TO 1557 FEET; INCREASE LNAV/VNAV DA TO 1607 FEET. INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM.

CHART SPEED ICON IN PLANVIEW AT SMAWT: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 244.04 INBOUND.

CHART FAS OBST: 1385 ELECTRICAL_SYSTEM (20-078174) 374007N/0970508W.

CHART A-683.

WAAS CHANNEL # 63027

REFERENCE PATH ID: W36A

CHART CIRCLING ICON.

LTP HAE: 367.7 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	1524	1	200	1524	1	200	1524	1	200		NA				
LNAV/VNAV DA	1574	1	250	1574	1	250	1574	1	250		NA				
LNAV MDA	1700	1	376	1700	1	376	1700	1	376		NA				
CIRCLING	1800	1	474	1820	1	494	1820	1 1/2	494		NA				



CHANGES - REASONS

AIRPORT ELEVATION CHANGED FROM 1328 TO 1326. – PENDING AIRPORT DATA USED.
TERMINAL ROUTES: ADDED INITIAL SEGMENT SMAWT TO ZELOB. – SEGMENT ADDED PER FPT CHECKLIST.
TERMINAL ROUTES: INTERMEDIATE SEGMENT ZELOB TO AGSEC COURSE CHANGED FROM 000.14 TO 000.15, DISTANCE FROM 7.02NM TO 6.86 NM. – AGSQE PFAF MOVED 955FT SOUTH. – FINAL REDESIGN PER FPT REQUEST.
TERMINAL ROUTES: FINAL SEGMENT AGSEQ TO TEYNO COURSE CHANGED FROM 000.19 TO 000.18, DISTANCE FROM 3.58 TO 3.64. – PFAF AND SDF FIXES MOVED PER FPT, TCH CHANGED FROM 43 TO 40.
TERMINAL ROUTES: CA LEG CHANGED FROM 1620 TO 1524, COURSE FROM 000.19 TO 000.18. – REPLACED LP MINIMA WITH LPV MINS.
TERMINAL ROUTES: 1524 TO GOLUW DISTANCE CHANGED FROM 12.48 TO 13.27. – GOLUW FIX MOVED 5816 FT NORTH. MISSED APPROACH REDESIGN PER FPT.
TERMINAL ROUTES: GOLUW TO INDIC COURSE CHANGED FROM 347.91 TO 346.90, DISTANCE FROM 12.48 TO 11.45. - GOLUW FIX MOVED 5816 FT NORTH. MISSED APPROACH REDESIGN PER FPT.
MISSED APPROACH TF LEG COURSE CHANGED FROM 347.91 TO 346.90. – GOLOW FIX MOVED 5816 NORTH. PER FPT.
PROFILE: LIME 3 FAC CHANGED FROM 000.19 TO 000.18. – PER FPT FINAL REDESIGNED AND PENDING AIRPORT DATA USED.
PROFILE LINE 3: DIST FAF TO MAP CHANGED FROM 5.18 TO 5.21, DIST FAF TO THLD CHANGED FROM 5.18 TO 5.21. - PER FPT FINAL REDESIGNED
PROFILE LINE 5: ADDED DIST TO 200 HAT: 0.57. – ADDITION OF LPV MINIMUMS IAW 8260.19 8-6-7E.
PROFILE LINE 6: ADDED "MIN GP INCPT: 3000" AND "GP ALT AT PFAF: AGSEQ 3000". IAW 8260.19 8-2-6-7F.
PROFILE LINE 7: ADDED "GP ANGLE: 3.00 °, "20:1: IS CLEAR" AND "TCH: 40.0". – ADDED LPV, LNAV/VNAV MINIMUMS IAW 8260.19G
REPLACED NOTES "CHART NOTE: DME/DME RNP-0.3 NA" WITH "PBN REQUIREMENTS NOTE: RNP APCH - GPS.". 8260.19 8-6-8B
NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT SMAWT: MAX 210 KIAS." - PER FPT TO RESOLVE LEG LENGTH ISSUES.
NOTES: ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C. – ADDED LNAV/VNAV MINIMA, IAW 8260.19 8-6-9R
NOTES: ADDED CHART NOTE: BARO-VNAV NA WHEN USING AAO ALTIMETER SETTING. ADDED LNAV/VNAV MINIMA, IAW 8260.19 8-6-9E(8)
NOTES: ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAO ALTIMETER SETTING AND INCREASE LPV DA TO 1557 FEET; INCREASE LNAV/VNAV DA TO 1607 FEET. INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM. – BACKUP ALTIMETER NOTES LEFT AS CHART NOTE PER FPT CHECKLIST.
MINIMUMS: REMOVED LP MINIMUMS. – PER FPT CHECKLIST.
MINIMUMS: ADDED LPV, LNAV/VNAV MINIMA, PER FPT CHECKLIST.
MINIMUMS: CIRCLING CAT A/B/C MDA/HAA CHANGED FROM 1760/432, 1840/512, 1840/512 TO 1800/474, 1820/494, 1820/494. - NEW CONTROLLING OBSTACLES.
FAS DATA BLOCK INFORMATION: LTP/FTP LAT/LONG CHANGE FROM "373957.1520N/ 0970442.2060W" TO "373949.2175N/ 0970442.9365W", ELLIPSOIDAL HEIGHT FROM '3692' TO '3677'. – PENDING AIRNAV DATA USED. RUNWAY CONSTRUCTION ADDING 805 FT TO APPROACH END.
FAS DATA BLOCK INFORMATION: FPAF LAT LONG CHANGED FROM '374126.1170N/0970434.0045W' TO "374118.1835N/ 0970434.7430W", TCH FROM "43" TO "40". – FINAL REDESIGNED PER FPT CHECKLIST
FAS DATA BLOCK INFORMATION: LENGTH OFFSET CHANGED FROM "1472" TO "1376", VERTICAL ALERT LIMIT (VAL) CHANGED FROM "0.0" TO "35". – ADDING LPV LINE OF MINIMA.
FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM F15163CC TO 5BAD0DA6. – REMOVED LP MINIMUMS, ADDED LPV, LNAV/VNAV MINIMA. PER FPT CHECKLIST.
ADDITIONAL PATH POINT RECORD INFORMATION: LTP ORTHOMETRIC HEIGHT CHANGED FROM "+03982" TO +03967", FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+03982" TO "03967". – PENDING AIRNAV DATA USED.

09/06/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/11//2024.
1. REQUIRED EFFECTIVE DATE CHANGED FROM ROUTINE TO HARD DATE OF 10/31/2024.

COORDINATED WITH:

A4A

ALPA

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AOPA

☒

APA

HAI

NBAA

☒

OTHER: ICT APP CON, KS STATE AERO, ZKC

FLIGHT CHECKED BY
PENDING

Digitally signed by
DAVID DANNER
Sep 10, 2024

OFFICE
FPO
DATE

DEVELOPED BY
LEO PALMER

Digitally signed by
LEO PALMER
Sep 09, 2024

OFFICE
AJV-A421
DATE
03/11/2024

APPROVED BY
DAVID DANNER

Digitally signed by
DAVID DANNER
Sep 10, 2024

OFFICE
AJV-A421
DATE
TITLE
MANAGER



AIRPORT ID
3AU

PROCEDURE NAME
RNAV (GPS) RWY 36

ORIGINAL/AMENDMENT
2

CITY
AUGUSTA

STATE
KS

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	3AU
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	373949.2175N
LTP/FTP LONGITUDE	0970442.9365W
LTP/FTP ELLIPSOIDAL HEIGHT	+03677
FPAP LATITUDE	374118.1835N
FPAP LONGITUDE	0970434.7430W
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	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	5BAD0DA6
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03967
FPAP ORTHOMETRIC HEIGHT	+03967

