

**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> CHEROKEE COUNTY RGNL	<u>AIRPORT ID</u> KCKP	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHEROKEE	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 1226	<u>TDZE</u> 1226	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 36	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 02/05/2015	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
CUSHO		BAMDY		TF	FB	1.00	024.56	8.10	3000
NEMAH		ACLIK		TF	FB	1.00	271.38	14.11	3000
CISAC		YACYU		TF	FO	1.00	179.34	21.85	3000
BAMDY	IAF	YACYU	NOPT	TF	FB	1.00	087.63	5.00	3000
ACLIK	IAF	YACYU	NOPT	TF	FB	1.00	267.79	5.00	3000
YACYU	IF/IAF	ATNUY		TF	FB	1.00	357.71	6.93	3000
ATNUY	FAF	CAPLO/1.92 NM TO RW36		TF	FB	0.30	357.72	2.62	
CAPLO/1.92 NM TO RW36		RW36	MAP	TF	FO	0.30	357.72	1.92	
RW36	MAP	1800 MSL		CA			357.72		1800
1800 MSL		YACYU		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW36

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT YACYU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
41  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S YACYU, RT, 357.71 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 357.72FAF: ATNUYDIST FAF TO MAP: 4.53DIST FAF TO THLD: 4.53

4. MIN ALT: YACYU 3000, ATNUY 3000, CAPLO/1.92 NM TO RW36 2000\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:266 HAT: 0.59GS ANT:

6. MIN GP INCPT: 3000GP ALT AT FAF : ATNUY 3000OM:MM:IM:

7. GP ANGLE: 3.6034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW36 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: CIRCLING TO RWY 1-19 NA.  
CHART NOTE: CIRCLING RWY 18 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.03 NM TO RW36\*  
\*LNAV ONLY  
WAAS CHANNEL #73042  
REFERENCE PATH ID: W36A  
CHART FAS OBST: 1398 TREE 424339N/0953241W.  
LTP HAE: 346.1 M

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
LPV DA	1492	1	266	1492	1	266		NA			NA				
LNAV/VNAV DA	1540	1	314	1540	1	314		NA			NA				
LNAV MDA	1660	1	434	1660	1	434		NA			NA				
CIRCLING	1760	1	534	1820	1	594		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES, CUSHO TO BAMDY, RNP VALUE UPDATED FROM 2.0 TO 1.0 - RNP VALUE CORRECTED FOR FEEDER SEGMENT PER UPDATED CRITERIA.
2. TERMINAL ROUTES, NEMAH TO ACLIK, RNP VALUE UPDATED FROM 2.0 TO 1.0 - RNP VALUE CORRECTED FOR FEEDER SEGMENT PER UPDATED CRITERIA.
3. TERMINAL ROUTES, CISAC TO YACYU, RNP VALUE UPDATED FROM 2.0 TO 1.0 - RNP VALUE CORRECTED FOR FEEDER SEGMENT PER UPDATED CRITERIA.
4. TERMINAL ROUTES, YACYU TO ATNUY, DISTANCE CHANGED FROM 6.10 TO 6.93. RNP VALUE UPDATED FROM 0.5 TO 1.0 - RNP VALUE CORRECTED FOR INTERMEDIATE SEGMENT PER UPDATED CRITERIA.
5. TERMINAL ROUTES, ATNUY TO CAPLO/2.30 NM TO RW36 CHANGED TO ATNUY TO CAPLO/1.92 NM TO RW36. DISTANCE CHANGED FROM 3.06 TO 2.62 - FAF AND STEPDOWN FIX MOVED NORTH TO ALIGN WITH PUBLISHED VGSI DATA PER TERPS CRITERIA.
6. TERMINAL ROUTES, CAPLO TO RW36 (MAP) CHANGED TO CAPLO/1.92 NM TO RW36 TO RW36 (MAP). DISTANCE CHANGED FROM 2.30 TO 1.92 - STEPDOWN FIX MOVED NORTH TO ALIGN WITH PUBLISHED VGSI DATA PER TERPS CRITERIA.
7. TERMINAL ROUTES, RW36 (MAP) TO YACYU CHANGED TO RW36 (MAP) TO 1800 MSL - CA LEG ADDED TO MISSED APPROACH INSTRUCTIONS PER 8260.58A 3-5-2.
8. TERMINAL ROUTE ADDED, 1800 MSL TO YACYU - CA LEG ADDED TO MISSED APPROACH INSTRUCTIONS PER 8260.58A 3-5-2.
9. PROFILE LINE 3, DISTANCE FAF TO MAP AND FAF TO THLD CHANGED FROM 5.36 TO 4.53 - FAF MOVED NORTH TO ALIGN WITH PUBLISHED VGSI DATA PER TERPS CRITERIA.
10. PROFILE LINE 4, CAPLO/2.30 NM TO RW36 CHANGED TO CAPLO/1.92 NM TO RW36 \*LNAV ONLY - STEPDOWN FIX MOVED NORTH TO ALIGN WITH PUBLISHED VGSI DATA PER TERPS CRITERIA.
11. PROFILE LINE 6 ADDED: MIN GP INCPT AT 3000, GP ALT AT FAF AT 3000 - LPV MINIMA ADDED.
12. PROFILE LINE 7 ADDED: GP ANGLE: 3.60, TCH: 40.0, 20:1 IS CLEAR. VDA ALIGNED WITH PUBLISHED VGSI DATA. 20:1 IS CLEAR NOTE ADDED IAW 8260.19H PARA 8-6-7G(3).
13. PROFILE LINE 8, MSA ALTITUDE CHANGED FROM 3000 TO 3100 - NEW CONTROLLING OBSTACLE.
14. LPV AND LNAV/VNAV MINIMA ADDED - RNAV (GPS) Z RWY 36 MERGED WITH RNAV (GPS) Y RWY 36, MINIMA COMBINED INTO NEW RNAV (GPS) RWY 36 PROCEDURE, NEW CONTROLLING OBSTACLE FOR LNAV/VNAV.
15. LNAV MINIMA CATS A/B CHANGED FROM 1680MDA/454 HAT/1 VIS TO 1660 MDA/434 HAT/1 VIS - NEW CONTROLLING OBSTACLE.
16. CIRCLING MINIMA CAT A CHANGED FROM 1800MDA/574 HAA/1 VIS TO 1760MDA/534 HAA/1 VIS AND CAT B CHANGED FROM 1800MDA/573 HAA/1 VIS TO 1820 MDA/594 HAA/1 VIS - NEW CONTROLLING OBSTACLE.
17. MISSED APPROACH CHANGED FROM 'CLIMBING RIGHT TURN TO 3000 DIRECT YACYU AND HOLD' TO 'CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT YACYU AND HOLD' - IAW 8260.58A, A CLIMB-TO ALTITUDE IS REQUIRED FOR ALL LPV PROCEDURES WHEN THE FIRST FIX AFTER THE CODED MAP IS NOT WITHIN 1 DEGREE OF THE FAC EXTENDED.
18. ADDITIONAL FLIGHT DATA, FAS OBST CHANGED FROM 1424 TREE 424141N/0953239W TO 1398 TREE 424339N/0953241W - NEW LNAV CONTROLLING OBSTACLE.
19. ADDITIONAL FLIGHT DATA, NOTE CHANGED FROM 'CHART VDP AT 1.06 NM TO RW36' TO 'CHART VDP AT 1.03 NM TO RW36\* \*LNAV ONLY' - UPDATED WITH NEW TARGETS EVALUATION.
20. ADDITIONAL FLIGHT DATA, NOTE DELETED: ATNUY TO RW36: 3.05/40 - LPV MINIMA ADDED.
21. ADDITIONAL FLIGHT DATA, NOTE ADDED: CHART CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED.
22. ADDITIONAL FLIGHT DATA, WAAS CHANNEL #73042 AND REFERENCE PATH ID W36A ADDED - LPV MINIMA ADDED.
23. REMOVED DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE: RNP APCH - 8260.19H CHANGE 1.
24. REMOVED ALL REFERENCE TO BACK-UP ALTIMETER SETTING NOTES - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE.
25. DELETED PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT - VDA ALIGNED WITH PUBLISHED VGSI DATA.
26. CHANGED HELICOPTER VISIBILITY NOTE TO RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATIONS, PUBLISHED IAW 8260.19H PARA 8-6-11K(3).
27. NOTE DELETED: PROCEDURE NA FOR ARRIVALS AT CISAC VIA V219 NORTHEAST BOUND - FAIRMONT (FRM) VOR/DME DECOMMISSIONED, V219 CANCELLATION.
28. NOTE CHANGED FROM 'CIRCLING NA AT NIGHT' TO 'CIRCLING RWY 18 NA AT NIGHT' - 20:1 CIRCLING PENETRATIONS TO RWY 18.
29. INCORPORATED P-NOTAM 4/4234 AND 4/0182 - 8260.19H PARA 8-3-4.

COORDINATED WITH:

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

FLIGHT CHECKED BY

KIM M BROWN

Digitally signed by  
DAVID TEFFETELLER  
Dec 21, 2018

OFFICE  
FICO

DATE  
12/18/18

DEVELOPED BY  
ANDREA CHANEY

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ANDREA J CHANEY  
Nov 16, 2018

OFFICE  
AJV-5433

DATE  
10/30/2018

APPROVED BY  
PATRICK MULQUEEN

Digitally signed by  
DAVID TEFFETELLER  
Dec 21, 2018

OFFICE  
AJV-5430

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCKP
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	424331.3460N
LTP/FTP LONGITUDE	0953321.6495W
LTP/FTP ELLIPSOIDAL HEIGHT	+03461
FPAP LATITUDE	424500.3710N
FPAP LONGITUDE	0953315.8995W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BC5F016F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03738
FPAP ORTHOMETRIC HEIGHT	+03738

