

**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.

AIRPORT COLORADO PLAINS RGNL	AIRPORT ID KAKO	PROCEDURE NAME RNAV (GPS) RWY 11	ORIGINAL/AMENDMENT 2A	CITY AKRON	STATE CO
AIRPORT ELEVATION 4716	TDZE 4716	SUPERSEDED RNAV (GPS) RWY 11	ORIGINAL/AMENDMENT 2	DATED 03/02/2017	MAG VAR 10E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 15 AUGUST 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	EPOCH YEAR 2000

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 019/30 CW 199/30	NOPT	019/15 CW 199/15		8700
2. 019/15 CW 199/15		KUKMY	IF/IAF	7500
3. 199/30 CW 289/30		FENGA	IAF	10000
4. 289/30 CW 019/30		CASMI	IAF	10000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FENGA	IAF	KUKMY	NOPT	TF	FB	1.00	199.23	10.00	7500
CASMI	IAF	KUKMY	NOPT	TF	FB	1.00	019.09	10.00	7500
KUKMY	IF/IAF	ADEWU		TF	FB	1.00	109.16	8.00	6300
ADEWU	FAF	RW11	MAP	TF	FO	0.30	109.26	4.80	
RW11	MAP	4966 MSL		CA			109.26		
4966 MSL		JUBOS		DF	FO	1.00			7500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7500 DIRECT JUBOS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD W KUKMY, RT, 109.16 INBOUND, 7500 FT. IN LIEU OF PT (IAF), MAX 17500.
3. **FAC:** 109.26 **FAF:** ADEWU **DIST FAF TO MAP:** 4.80 **DIST FAF TO THLD:** 4.80
4. **MIN ALT:** KUKMY 7500, ADEWU 6300
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.62 **GS ANT:**
6. **MIN GP INCPT:** 6300 **GP ALT AT FAF :** ADEWU 6300 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 54.1
8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 0.81 NM TO RW11*
 *LNAV ONLY
 WAAS CHANNEL #82340
 REFERENCE PATH ID: W11A
 CHART FAS OBST: 4758 POLE 401037N/1031440W.
 HOLD E, RT, 289.49 INBOUND
 LTP HAE: 1417.2 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	4966	1	250	4966	1	250	4966	1	250	4966	1	250			
LNAV/VNAV DA	4966	1	250	4966	1	250	4966	1	250	4966	1	250			
LNAV MDA	5020	1	304	5020	1	304	5020	1	304	5020	1	304			
CIRCLING	5140	1	424	5260	1	544	5420	2	704	5420	2 1/4	704			



CHANGES - REASONS

1. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV/ NA BELOW -22C (-7F) OR ABOVE 48C (119F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV/ NA BELOW -22C OR ABOVE 54C" - IAW 8260.19H
2. DELETED CHART NOTE "DME/DME RNP RNP-0.3 NA" - IAW 8260.19H
3. ADDED PBN REQUIREMENTS NOTE "RNP APCH" - IAW 8260.19H
4. CRC REMAINDER CHANGED FROM C96B87CB TO 21ADE4C4 - LTP/FTP LAT/LONG CHANGED FROM 401049.2140N/1031358.6040W TO 401049.2095N/1031358.6055W
5. CHANGED CIRCLING MDA/HAA CAT A FROM 5120/404 TO 5140/424 - NEW CONTROLLING OBSTACLE
6. VDP CHANGED FROM "0.83 NM TO RW11" TO "0.81 NM TO RW 11" - PER TARGETS BUILD

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZDV, AMGR, STATE AERO, WESTERN FPT

FLIGHT CHECKED BY

SCOTT A THOMPSON

Digitally signed by

CASIMIR L TABAKA

OFFICE

FICO

DATE

5/2/19

Digitally signed by

May 06, 2019

DEVELOPED BY

DAVID DANNER (APRIL SARMENTO)

CASIMIR L TABAKA

May 06, 2019

OFFICE

AJV-A421

DATE

03/18/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

May 06, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAKO
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	401049.2095N
LTP/FTP LONGITUDE	1031358.6055W
LTP/FTP ELLIPSOIDAL HEIGHT	+14172
FPAP LATITUDE	401005.5385N
FPAP LONGITUDE	1031217.2655W
THRESHOLD CROSSING HEIGHT (TCH)	00054.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	21ADE4C4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14374
FPAP ORTHOMETRIC HEIGHT	+14374

