

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> COLORADO PLAINS RGNL	<u>AIRPORT ID</u> KAKO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> AKRON	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 4716	<u>TDZE</u> 4683	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 03/02/2017	<u>MAG VAR</u> 10E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 199/30 CW 019/30	NOPT	JUBOS	IF/IAF	7500
2. 019/30 CW 109/30		KIQER	IAF	10000
3. 109/30 CW 199/30		YELUR	IAF	10000

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>
KIQER	IAF	JUBOS	NOPT	TF	FB	1.00	019.42	10.00	7500
YELUR	IAF	JUBOS	NOPT	TF	FB	1.00	199.56	10.00	7500
JUBOS	IF/IAF	OWEBY		TF	FB	1.00	289.49	8.00	6300
OWEBY	FAF	RW29	MAP	TF	FO	0.30	289.39	4.95	
RW29	MAP	4933 MSL		CA			289.39		
4933 MSL		KUKMY		DF	FO	1.00			7500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 7500 TO KUKMY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD E JUBOS, RT, 289.49 INBOUND, 7500 FT. IN LIEU OF PT (IAF), MAX 17500.

3. FAC: 289.39 FAF: OWEBY DIST FAF TO MAP: 4.95 DIST FAF TO THLD: 4.95

4. MIN ALT: JUBOS 7500, OWEBY 6300, DA

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT: MM: IM:

6. MIN GP INCPT: 6300 GP ALT AT FAF : OWEBY 6300 OM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 52.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

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 1.16 NM TO RW29*
*LNAV ONLY
WAAS CHANNEL #45640
REFERENCE PATH ID: W29A
CHART FAS OBST: 4822 ELEVATOR 400925N/1031213W.
HOLD W, RT, 109.16 INBOUND
LTP HAE: 1403.4 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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	4933	1	250	4933	1	250	4933	1	250	4933	1	250			
LNAV/VNAV DA	4987	1	304	4987	1	304	4987	1	304	4987	1	304			
LNAV MDA	5080	1	397	5080	1	397	5080	1 1/8	397	5080	1 1/8	397			
CIRCLING	5140	1	424	5260	1	544	5420	2	704	5420	2 1/4	704			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAKO
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	401015.3390N
LTP/FTP LONGITUDE	1031239.9895W
LTP/FTP ELLIPSOIDAL HEIGHT	+14034
FPAP LATITUDE	401059.0030N
FPAP LONGITUDE	1031421.3385W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
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	6AF01E72

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14237
FPAP ORTHOMETRIC HEIGHT	+14237

