

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> KDEN	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 16R	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> DENVER	<u>STATE</u> CO		
<u>AIRPORT ELEVATION</u> 5434	<u>TDZE</u> 5326	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<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>
KAILE	IAF	OGINE		TF	FB	1.00	116.15	1.90	10400
OGINE		ZOREG		TF	FB	1.00	150.18	2.58	10000
TSHNR	IAF	PECIY		TF	FB	1.00	153.97	4.46	11500
PECIY		BUDUJ		TF	FB	1.00	169.60	2.36	10600
ZOREG		HAROS		TF	FB	1.00	169.60	2.65	10000
BUDUJ		ZOREG		TF	FB	1.00	169.60	2.41	10000
KIPPR	IAF	HAYLY		TF	FB	1.00	248.52	4.63	12000
HAYLY		PECIY		TF	FB	1.00	214.81	3.79	11500
HAROS	IF	APASE		TF	FB	1.00	169.45	10.85	7000
APASE	FAF	UJNOR	MAP	TF	FO	0.30	169.51	5.10	
UJNOR	MAP	5900 MSL		CA			169.51		5900
5900 MSL		BINBE		DF	FO	1.00			10000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: UJNOR

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 5900, THEN CLIMBING RIGHT TURN TO 10000 DIRECT BINBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT HAROS					
3. FAC: 169.51	FAF: APASE		DIST FAF TO MAP: 5.10	DIST FAF TO THLD: 5.10	
4. MIN ALT: HAROS 10000, APASE 7000					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.62	GS ANT:
6. MIN GP INCPT: 7000	GP ALT AT PFAF : APASE 7000		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0		
8. MSA FROM: UJNOR 10200					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT TSHNR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT KAILE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT KIPPR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT HAROS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 257.46 INBOUND.
CHART FAS OBST: 5391 TOWER (08-022496) 395340N/1044118W.
CHART VDP AT 0.84 NM TO UJNOR.
WAAS CHANNEL # 53546
REFERENCE PATH ID: W16B
CHART MANDATORY 11000 AT KAILE.
CHART MANDATORY 13000 AT TSHNR.
CHART MANDATORY 12000 AT KIPPR.
FAC CROSSES RWY C/L EXTENDED 2600 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
FTP HAE: 1604 M



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



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16B
LTP/FTP LATITUDE	395344.8900N
LTP/FTP LONGITUDE	1044144.1500W
LTP/FTP ELLIPSOIDAL HEIGHT	+16040
FPAP LATITUDE	395215.8060N
FPAP LONGITUDE	1044139.1270W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	356C2EAB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16221
FPAP ORTHOMETRIC HEIGHT	+16221