

**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><b>AIRPORT ID</b></u> KDEN	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) Y RWY 7	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> DENVER	<u><b>STATE</b></u> CO		
<u><b>AIRPORT ELEVATION</b></u> 5434	<u><b>TDZE</b></u> 5352	<u><b>SUPERSEDED</b></u> RNAV (GPS) Y RWY 7	<u><b>ORIGINAL/AMENDMENT</b></u> 1C	<u><b>DATED</b></u> 01/03/2019	<u><b>MAG VAR</b></u> 8E	<u><b>EPOCH YEAR</b></u> 2015
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 20 APRIL 2023	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
SARAH	IF	ASURE		TF	FB	1.00	082.26	3.89	8000
ASURE		TAILR		TF	FB	1.00	082.44	3.15	7000
TAILR	FAF	SUNKE/1.05 NM TO RW07		TF	FB	0.30	082.41	3.96	
SUNKE/1.05 NM TO RW07		RW07	MAP	TF	FO	0.30	082.41	1.05	
RW07	MAP	5900 MSL		CA			082.41		5900
5900 MSL		CIDMU		DF	FB	1.00			
CIDMU		LIMEX		TF	FO	1.00	081.18	27.69	10000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW07

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5900 THEN CLIMBING RIGHT TURN TO 10000 DIRECT CIDMU AND ON TRACK 081.18 TO LIMEX AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT SARAH

3. FAC: 082.41

FAF: TAILR

DIST FAF TO MAP: 5.01

DIST FAF TO THLD: 5.01

4. MIN ALT: SARAH 9000, ASURE 8000, TAILR 7000, SUNKE/1.05 NM TO RW07 5740

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.46

GS ANT:

6. MIN GP INCPT: 7000

GP ALT AT PFAF : TAILR 7000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 55.1

8. MSA FROM: RW07 10900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH 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}).  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, AND LNAV CAT C/D VISIBILITY TO RVR 5500.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 081.12 INBOUND.  
CHART FAS OBST: 5463 POLE (08-022323) 395007N/1044436W.  
WAAS CHANNEL # 87128  
REFERENCE PATH ID: W07A  
LTP HAE: 1612.8 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	5552	1800	200	5552	1800	200	5552	1800	200	5552	1800	200			
LNAV/VNAV DA	5626	2400	274	5626	2400	274	5626	2400	274	5626	2400	274			
LNAV MDA	5720	2400	368	5720	2400	368	5720	3500	368	5720	3500	368			



**CHANGES - REASONS**

1. CHANGED PBN EQUIPMENT REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH-GPS" - IAW 8260.19I, 8-6-8.B (1).
2. REMOVED RADAR REQUIRED FROM PBN REQUIREMENTS NOTES - IAW 8260.19I.
3. CHANGED CHART PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I.
4. REMOVED \*LNAV ONLY FROM ADDITIONAL FLIGHT DATA NOTES - NO LONGER REQUIRED PER IAW 8260.19I.
5. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C OR ABOVE 46C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C OR ABOVE 54C - UPDATED NOAA DATA.
6. FAC CHANGED FROM 82.46 TO 82.41 - UPDATED TARGETS EVALUATION/FINAL STD MOVED.
7. PROFILE LINE 5: ADDED DIST TO THLD FROM 200 HAT: 0.46 - IAW 8260.19I, 8-6-7.
8. INTERMEDIATE COURSE SARAH TO TAILR UPDATED, ADDED INTERMEDIATE STEPDOWN FIX "ASURE" WITH AN ALTITUDE RESTRICTION OF 8000 - FPT/ATC REQUESTED.
9. LNAV CAT C/D VISIBILITY RAISED FROM RVR 2600 TO RVR 3500 - 8260.3E TABLE 3-3-1.
10. CRC REMAINDER CHANGED FROM E7393D47 TO 732D99D4 - FPAP LAT/LONG CHANGED.
11. CHANGED CHART NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8" TO "SIMULTANEOUS APPROACH AUTHORIZED" - IAW 8260.19I.
12. CHANGED CHART NOTE FROM "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" TO "USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" - IAW 8260.19I.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, DEN ATCT, DEN APP CON, CO AERO, AMGR

**FLIGHT CHECKED BY**

GREGORY MILLS

Digitally signed by

**CASIMIR L TABAKA**

Jan 20, 2023

**OFFICE**

FPO

**DATE**

01/19/2023

**DEVELOPED BY**

LORRI DOWNEY

Digitally signed by

**LORRI F DOWNEY**

Nov 02, 2022

**OFFICE**

AJV-A432

**DATE****APPROVED BY**

CASIMIR TABAKA

Digitally signed by

**CASIMIR L TABAKA**

Nov 09, 2022

**OFFICE**

AJV-A430

**DATE**

10/14/2022

**TITLE**

MANAGER

QUALITY  
10  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	395027.4020N
LTP/FTP LONGITUDE	1044335.9630W
LTP/FTP ELLIPSOIDAL HEIGHT	+16128
FPAP LATITUDE	395026.3660N
FPAP LONGITUDE	1044102.1295W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
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)	35.0
 CRC REMAINDER	 732D99D4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16307
FPAP ORTHOMETRIC HEIGHT	+16307

