

**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> KHDN	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 10	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> HAYDEN	<u>STATE</u> CO	
<u>AIRPORT ELEVATION</u> 6606	<u>TDZE</u> 6591	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 10	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 10E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 24 MARCH 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CHE VOR/DME		REVME		TF	FO	1.00	280.46	9.46	10000
CELIA	IAF	REVME	NOPT	TF	FB	1.00	129.33	19.32	10000
STRIM	IAF	REVME	NOPT	TF	FB	1.00	061.72	16.47	10000
REVME	IF	INEDE		TF	FB	1.00	103.55	6.83	8700
INEDE	FAF	RW10	MAP	TF	FO	0.30	103.64	6.47	
RW10	MAP	6791 MSL		CA			103.64		
6791 MSL		OBTUE		DF	FB	1.00			
OBTUE		TILLI		TF	FO	1.00	123.83	18.31	13700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 13700 DIRECT OBTUE AND ON TRACK 123.83 TO TILLI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13700.
#MISSED APPROACH REQUIRES MINIMUM CLIMB OF 295 FEET PER NM TO 8700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD W REVME, RT, 103.55 INBOUND, 10000 FT. IN LIEU OF PT (IAF), MAX 14000.
- 3. **FAC:** 103.64 **FAF:** INEDE **DIST FAF TO MAP:** 6.47 **DIST FAF TO THLD:** 6.47
- 4. **MIN ALT:** REVME 10000, INEDE 8700
- 5. **DIST TO THLD FROM FAF:** 6.47 **MM:** **IM:** **150 HAT:** **200 HAT:** 0.48 **GS ANT:**
- 6. **MIN GP INCPT:** 8700 **GP ALT AT PFAF :** INEDE 8700 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 54.5
- 8. **MSA FROM:** RW10 13400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO #LPV ALL CATS, LNAV/VNAV ALL CATS, AND LNAV CATS C/D.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.10 INBOUND.
 FAS OBST: 7482 AAO 403136N/1072024W.
 CHART VDP AT 3.50 NM TO RW10.
 WAAS CHANNEL # 53410
 REFERENCE PATH ID: W10A
 CHART CIRCLING ICON.
 LTP HAE: 1992.9 M

MINIMUMS:

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

ALTERNATE: NA CAT A, B, C 1400-5, CAT D 1600-5, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA									
LPV DA#	6791	3/4	200	6791	3/4	200	6791	3/4	200	6791	3/4	200			
LPV DA	7327	1 3/4	736	7327	1 3/4	736	7327	1 3/4	736	7327	1 3/4	736			
LNAV/VNAV DA	7966	5	1375	7966	5	1375	7966	5	1375	7966	5	1375			
LNAV MDA	7760	1	1169	7760	1 1/4	1169	7760	3	1169	7760	3	1169			
CIRCLING	7760	1 1/4	1154	7760	1 1/2	1154	7760	3	1154	8180	3	1574			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED IAF MEKWY-REVME. - NO LONGER REQUIRED.
2. TERMINAL ROUTES: CHANGED FEEDER AND ALL IAFS MIN ALT FROM 9700 TO 10000. - NEW ATC REQUIREMENTS.
3. TERMINAL ROUTES: CHANGED FEEDER CHE VOR/DME-REVME LEG TYPE FROM FB TO FO. - IAW 8260.19I 8-6-4.
4. TERMINAL ROUTES AND PROFILE LINE 5: REMOVE SDF ZULON. - MEET VDA PARAMETERS.
5. MA INSTRUCTIONS: ADDED "#MISSED APPROACH REQUIRES MINIMUM CLIMB OF 295 FEET PER NM TO 8700". - IAW 8260.19I 8-6-6.
6. PROFILE LINE 2: ADDED MAX 14000. - IAW 8260.19I 8-6-7.
7. PROFILE LINE 5: ADDED FAF: 6.47 AND 200 HAT: 0.48. - IAW 8260.19I 8-6-7.
8. PROFILE LINE 7: ADDED 20:1 IS CLEAR. - IAW 8260.19I 8-6-7.
9. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS. - IAW 8260.19I 8-6-8.
10. NOTES: REMOVED # MISSED APPROACH CLIMB GRADIENT NOTE, *LNAV ONLY, SECONDARY ALTIMETER NOTES, AND DME/DME NOTE. - IAW 8260.19I 8-6-9 AND MOVED SECONDARY ALTIMETER NOTES TO BACK OF -9.
11. NOTES: ADDED "RWY 10" TO HELICOPTER VISIBILITY NOTE. - IAW 8260.19I 8-6-9.
13. NOTES: ADDED " TO #LPV ALL CATS, LNAV/VNAV ALL CATS, AND LNAV CATS C/D" TO INOP TABLE NOTE. - IAW 8260.19I 8-6-9.
14. NOTES: CHANGED BARO-VNAV NOTE FROM "BELOW -28C (-18F) OR ABOVE 44C (112F)" TO "BELOW -28C OR ABOVE 54C". - IAW 8260.19I 8-6-9.
15. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "7440 AAO 403114N/1071813W" TO "7482 AAO 403136N/1072024W", ADDED VDP, AND REMOVED DIST TO THLD. - IAW 8260.19I 8-6-10.
16. ALTERNATE MINS: CHANGED FROM "CAT A, B 1100-2, CAT C 1100-3, CAT D 1600-3" TO "CAT A, B, C 1400-5, CAT D 1600-5". - IAW 8260.19I 8-6-11.
17. MINS: LPV CHANGED FROM 7308/717/ 2 1/2 SM TO 7327/736/ 1 3/4 SM. - NEW EVAL YIELDS NEW MA PENETRATION OBST.
18. MINS: LNAV/VNAV CHANGED FROM 7918/1327 TO 7966/1375. - NEW EVAL YIELDS NEW CONTROLLING OBST.
19. MINS: LNAV CHANGED FROM 7700/1109 TO 7760/1169. - REMOVED STEPDOWN FIX ZULON.
20. FAS DATA: CRC REMAINDER CHANGED FROM 1FE252F8 TO AFC6FB7A. - FPAP CHANGED FROM 402832.37N/1071204.37 TO 402832.3620N/1071204.3470W.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JOEL F HAWKLEY

Digitally signed by
JASON KRETSCHMER
Jan 20, 2022

OFFICE
FPO

DATE
01/13/2022

DEVELOPED BY

JOHN BORDY (ANDRE TUCKER)

Digitally signed by
JASON KRETSCHMER
Dec 16, 2021

OFFICE
AJV-A422

DATE
11/01/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Dec 16, 2021

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	KHDN
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	402910.0970N
LTP/FTP LONGITUDE	1071356.7740W
LTP/FTP ELLIPSOIDAL HEIGHT	+19929
FPAP LATITUDE	402832.3620N
FPAP LONGITUDE	1071204.3470W
THRESHOLD CROSSING HEIGHT (TCH)	00054.5
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	AFC6FB7A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+20067
FPAP ORTHOMETRIC HEIGHT	+20067

