

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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> DENVER INTL	<u>AIRPORT ID</u> KDEN	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 26	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DENVER	<u>STATE</u> CO	
<u>AIRPORT ELEVATION</u> 5434	<u>TDZE</u> 5309	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 26	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 12/11/2014	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<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>
CAPTJ	IF	BCALN		TF	FB	1.00	082.50	3.28	10000
BCALN		JPBAG		RF	FB	1.00	(2.77 NM RADIUS CW (CFSDC))	8.72	7300
JIBAT	IF	HOTDG		TF	FB	1.00	081.66	3.28	10000
HOTDG		JPBAG		RF	FB	1.00	(2.80 NM RADIUS CCW (CFTSP))	8.75	7300
FUZZZ	IF	JPBAG		TF	FB	1.00	262.72	5.76	7300
JPBAG		GRASP	PFAF	TF	FB	1.00	262.64	1.11	7000
GRASP	PFAF	DA	MAP	TF	FO	0.30	262.62	5.18	
DA	MAP	6000 MSL		CA			262.62		6000
6000 MSL		NIWOT		DF	FO	1.00			10000

**MISSED APPROACH**

**MAP:**  
RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 6000 THEN CLIMBING RIGHT TURN TO 10000 DIRECT NIWOT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT GRASP

3. FAC: 262.62

PFAF: GRASP

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: GRASP 7000

5. DIST TO THLD FROM OM: 5.18

MM:

IM:

150 HAT:

257 HAT: 0.68

GS ANT:

6. MIN GP INCPT: 7000

GP ALT AT PFAF : GRASP 7000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 55.1

8. MSA FROM: RW26 8100

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -23°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 RNP 0.15 ALL CATS VISIBILITY TO RVR 4000, AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 4500.  
CHART SPEED ICON IN PLANVIEW AT CAPTJ : AT 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT JIBAT : AT 210 KIAS.  
CHART PLANVIEW NOTE ADJACENT TO CAPTJ IF: RF REQUIRED.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 11000 AT JIBAT  
CHART MANDATORY 11000 AT CAPTJ  
HOLD SE, RT, 314.00 INBOUND

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
AUTHORIZATION REQUIRED															
RNP 0.15 DA	5566	2400	257	5566	2400	257	5566	2400	257	5566	2400	257		QUALITY 24 CHECKED	
RNP 0.30 DA	5611	2400	302	5611	2400	302	5611	2400	302	5611	2400	302			

CHANGES - REASONS

1. ADDED PBN REQUIREMENTS NOTE RNP AR APCH. - ADDED IAW 8260.58A CHNG 2 TABLE 1-2-1.
2. REMOVED PLAINVIEW NOTE AT ELREY: MAX 210 KIAS AND PLANVIEW NOTE ADJACENT TO ELREY IAF: RF REQUIRED. - ELREY FIX REMOVED FROM PROCEDURE.
3. ADDED PLANVIEW NOTE AT JIBAT: AT 210 KIAS AND ADDED PLANVIEW NOTE ADJACENT TO JIBAT: RF REQUIRED. - FIX JIBAT ADDED TO PROCEDURE.
4. UPDATED PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - UPDATED IAW 8260.19G PARA 8-6-9(M)1.
5. REMOVED ROUTE TYPE QUALIFIER INFORMATION FROM ADDITIONAL FLIGHT DATA. - DATA NO LONGER REQUIRED.
6. FIXES ZLOGR, ZNOBL, AND FMSDT REMOVED FROM PROCEDURE. - PER DENVER METROPLEX RNP FILE AND IFP CHECKLIST.
7. RNP 0.10 DA UPDATED TO RNP 0.15 DA PER CRITERIA AND DA/HAT UPDATED FROM 5570/261 TO DA/HAT 5566/257. - RNP 0.10 LINE OF MINIMA NO LONGER PUBLISHED AND NEW CONTROLLING OBSTRUCTION IDENTIFIED.
8. RNP 0.30 DA/HAT CHANGED FROM 5668/359 TO 5611/302. - NEW CONTROLLING OBSTRUCTION IDENTIFIED.
9. REMOVED PLANVIEW NOTE AT BCALN: MAX 210 KIAS. - SPEED RESTRICTIONS NO LONGER UTILIZED.
10. RNP 0.30 VISIBILITY ALL CATS CHANGED FROM RVR 4000 TO RVR 2400. - UPDATED IAW APPROVED VISI TOOL.
11. REMOVED NOTE GPS REQUIRED. - NOTE NO LONGER REQUIRED.
12. REMOVED NOTE USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE DURING SIMULTANEOUS OPERATIONS. - NOTE NO LONGER LISTED IN CRITERIA.
13. NOTE SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 25, EXCEPT FOR ARRIVALS AT CAPTJ AND ELREY CHANGED TO SIMULTANEOUS APPROACH AUTHORIZED. - NOTE UPDATED IAW 8260.19H PARA 8-6-11O8.
14. CHANGED NOTE "FOR INOPERATIVE MALSR, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 4500 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 4000, AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 4500".
15. CHANGE PLANVIEW NOTE AT CAPTJ: MAX 210 KIAS TO CHART SPEED ICON IN PLANVIEW AT CAPTJ: AT 210 KIAS. - UPDATED IAW 8260.19H PARA 4-6-10G.
16. ADDED FIX HOTDG TO PROCEDURE. - PER DENVER METROPLEX MASTER RNP FILE AND IFP CHECKLIST.
17. REMOVED CHARTING OF LOC RWY 25 FROM ADDITIONAL FLIGHT DATA. - CHARTING OF THE LOC IS NO LONGER REQUIRED IAW 8260.19H .
18. CHANGED FROM DISTANCE TO THLD 261 HATH TO 257 HAT. - LOWERED HAT DUE TO NEW CONTROLLING OBSTRUCTION.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZDV, DEN ATCT, DEN APP CON, AMGR

FLIGHT CHECKED BY

JAMES HAWLEY

Digitally signed by

DONALD H LANIER

Jan 28, 2020

OFFICE

FICO

DATE

1/25/20

DEVELOPED BY

NICHOLAS K. JACKSON

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NICHOLAS JACKSON

OFFICE

AJV-A431

DATE

10/16/2019

APPROVED BY

GEORGE DAVIS

Dec 12, 2019

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Jan 28, 2020

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DATE

TITLE

MANAGER

