

**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 ID</u> DEN	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 16L	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DENVER	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 5434	<u>TDZE</u> 5357	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 16L	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 02/01/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 8E
				<u>EPOCH YEAR</u> 2015
				<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>
JEEPR	IAF	JOB OB		TF	FB	1.00	172.51	2.73	10000
JOB OB	IF	LEETS	PFAF	TF	FB	1.00	172.51	10.86	7000
LEETS	PFAF	RW16L	MAP	TF	FO	0.30	172.51	5.01	
RW16L	MAP	5617 MSL		CA			172.51		
5617 MSL		SUGOY		DF	FB	1.00			
SUGOY		SIGNE		TF	FO	1.00	202.34	21.53	10000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 10000 DIRECT SUGOY AND ON TRACK 202.34 TO SIGNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT LEETS					
3. FAC: 172.51	PFAF: LEETS		DIST FAF TO MAP:		DIST FAF TO THLD:
4. MIN ALT: LEETS 7000					
5. DIST TO THLD FROM PFAF: 5.01	MM:	IM:	150 HAT:	260 HAT: 0.66	GS ANT:
6. MIN GP INCPT: 7000	GP ALT AT PFAF: LEETS 7000			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.6		IM:
8. MSA FROM: RW16L 10200					



PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS. AUTHORIZATION REQUIRED.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -26°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 0.10 ALL CATS VISIBILITY TO RVR 4000 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 5000.
CHART SPEED ICON IN PLANVIEW AT JEEPR: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 202.00 INBOUND.
CHART AT OR ABOVE 10000 AT JEEPR.

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 0.10 DA	5617	2400	260	5617	2400	260	5617	2400	260	5617	2400	260			
RNP 0.30 DA	5683	2600	326	5683	2600	326	5683	2600	326	5683	2600	326			



CHANGES - REASONS

1. ADDED INITIAL SEGMENT JEEPR-JOBOD TO TERMINAL ROUTES - REQUESTED BY ATC/FPT TO MATCH GROUND TRACK OF ILS OR LOC RWY 16L.
2. PFAF LEETS MOVED NORTH 86 FT - MATCHES ILS OR LOC RWY 16L PFAF LOCATION USING SAME FIX.
3. CHANGED LENGTH OF INTERMEDIATE SEGMENT FROM 10.87 TO 10.86 AND FINAL SEGMENT FROM 4.99 TO 5.01 IN TERMINAL ROUTES - PFAF LEETS MOVED 86 FT NORTH.
4. REPLACED MISSED APPROACH FROM "CLIMB TO 5900 THEN CLIMBING RIGHT TURN TO 10000 DIRECT BINBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000" WITH "CLIMB TO 10000 DIRECT SUGOY AND ON TRACK 202.34 TO SIGNE AND HOLD." WITH CHANGES REFLECTED IN TERMINAL ROUTES - REQUESTED BY ATC/FPT TO MEET TRIPLE WIDELY SPACED SIMULTANEOUS INDEPENDENT PARALLEL INSTRUMENT APPROACH (SIPIA) OPERATIONS CRITERIA.
5. PROFILE LINE 5: ADDED DIST TO 260 HAT: 0.66 NM - PREVIOUSLY OMITTED, PER 8260.19J PARA. 8-6-7E(3).
6. PROFILE LINE 7: ADDED 20:1 IS CLEAR AND CHANGED TCH FROM 60.1 TO NEW DESIGN TCH 55.6 - PER 8260.19J PARA. 8-6-7G(3). TCH CHANGE TO MATCH ILS OR LOC RWY 16L DESIGN TCH AND TO MAINTAIN 3 DEGREE GLIDEPATH.
7. ADDED PBN REQUIREMENTS NOTE "RNP AR APCH - GPS. AUTHORIZATION REQUIRED." - PER 8260.19J PARA. 8-6-8D(4)(A) AND (5)(B)1.
8. REMOVED PLANVIEW NOTE "RADAR REQUIRED" - NOT REQUIRED FOR RNP APPROACHES.
9. REMOVED NOTE "GPS REQUIRED" - REPLACED WITH PBN REQUIREMENTS NOTE.
10. CHANGED PROFILE NOTE FROM "VGSI AND ILS GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - PER 8260.19J PARA.8-6-10M(1).
11. CHANGED NOTE "FOR INOPERATIVE MALSR, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 4000 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 5000" TO "FOR INOPERATIVE ALS, RNP 0.10 ALL CATS VISIBILITY TO RVR 4000 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 5000" - PER 8260.19J PARA. 8-6-12O(3)(D).
12. CHANGED NOTE FROM 'FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -25°C (-13°F) OR ABOVE 10°C (50°F).' TO 'FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -26°C OR ABOVE 54°C' - NEW FIVE YEAR WEATHER HISTORY ACT CALCULATION AND FORMAT PER PER 8260.19J PARA. 8-6-10R.
13. REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" FROM ADDITIONAL FLIGHT DATA - REDUNDANT AND NO LONGER REQUIRED.
14. REMOVED ALL ROUTE TYPE ENTRIES AND #TCH 5410.0 MSL (DO NOT CHART) FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CRITERIA.
15. CHANGED HOLDING INFORMATION FROM "HOLD E, RT, 257.46 INBOUND" TO "HOLD N, RT, 202.00 INBOUND" IN ADDITIONAL FLIGHT DATA - MISSED CLEARANCE LIMIT CHANGED FROM BINBE TO SIGNE.
16. ADDED "CHART AT OR ABOVE 10000 AT JEEPR" TO ADDITIONAL FLIGHT DATA AND "CHART SPEED ICON IN PLANVIEW AT JEEPR: MAX 210 KIAS" TO NOTES - JEEPR IS FIRST FIX IN PROFILE VIEW.
17. RNP 0.10 MINIMUMS: CHANGED DA FROM 5610 TO 5617 - ORIG-A (THRE TO TDZE CONVERSION) P-NOTAM CHANGED MINIMUMS ON CHART BUT NEVER UPDATED IN SIAP.
18. RNP 0.30 MINIMUMS: CHANGED DA FROM 5676 TO 5683 - ORIG-A (THRE TO TDZE CONVERSION) P-NOTAM CHANGED MINIMUMS ON CHART BUT NEVER UPDATED IN SIAP.
19. RNP 0.30 MINIMUMS: REDUCED VISIBILITY FROM RVR 3200 TO RVR 2600 - PER 8260.3G TABLE 3-3-1.
20. REMOVED NOTE "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" - NOTE NO LONGER IN CRITERIA AND NOT REQUIRED.

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZDV, DEN ATCT, DEN APP CON, CO AERO, ARPT MGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJF

DATE

12/18/2025

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TITLE

MANAGER

