

**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> DEN	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 16L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> DENVER	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 5434	<u>TDZE</u> 5357	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 16L	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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	JOBBOB		TF	FB	1.00	172.51	2.73	10000
JOBBOB	IF	KUURT		TF	FB	1.00	172.51	3.87	9000
KUURT		KIKME		TF	FB	1.00	172.51	3.84	8000
KIKME		LEETS		TF	FB	1.00	172.51	3.15	7000
LEETS	FAF	LUWEE/1.30 NM TO RW16L		TF	FB	0.30	172.51	3.71	
LUWEE/1.30 NM TO RW16L		RW16L	MAP	TF	FO	0.30	172.51	1.30	
RW16L	MAP	5557 MSL		CA			172.51		
5557 MSL		SUGOY		DF	FB	1.00			
SUGOY		SIGNE		TF	FO	1.00	202.34	21.53	10000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW16L

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 JEEPR
3. **FAC:** 172.51 **FAF:** LEETS **DIST FAF TO MAP:** 5.01 **DIST FAF TO THLD:** 5.01
4. **MIN ALT:** JEEPR 10000, JOBOB 10000, KUURT 9000, KIKME 8000, LEETS 7000, LUWEE/1.30 NM TO RW16L 5820
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.48 **GS ANT:**
6. **MIN GP INCPT:** 7000 **GP ALT AT PFAF:** LEETS 7000 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.6
8. **MSA FROM:** RW16L 10200



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
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 -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 LNAV/VNAV ALL CATS VISIBILITY, AND LNAV CATS C/D VISIBILITY TO RVR 4500.
CHART SPEED ICON IN PLANVIEW AT JEEPR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT JOBOB: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 202.00 INBOUND.
CHART FAS OBST: 5486 POLE (08-022335) 395403N/1044018W.
CHART VDP AT 0.75 NM TO RW16L.
WAAS CHANNEL # 99307
REFERENCE PATH ID: W16A
CHART AT OR ABOVE 10000 AT JEEPR.
LTP HAE: 1612.5 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	5557	1800	200	5557	1800	200	5557	1800	200	5557	1800	200			
LNAV/VNAV DA	5647	2400	290	5647	2400	290	5647	2400	290	5647	2400	290			
LNAV MDA	5660	2400	303	5660	2400	303	5660	2400	303	5660	2400	303			



CHANGES - REASONS

1. ADDED INITIAL SEGMENT JEEPR-JOBBOB 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. MOVED INTERMEDIATE STEPDOWN FIX KIKME 96 FT NORTH - TO MAINTAIN 318 FT/NM DESCENT GRADIENT WITH CORRESPONDING MOVE OF THE PFAF.
4. CHANGED LENGTH OF INTERMEDIATE SEGMENT KUURT-KIKME FROM 3.86 TO 3.84 AND AND FINAL SEGMENT FROM 4.99 TO 5.01 IN TERMINAL ROUTES - RESULT OF KIKME AND LEETS RELOCATION.
5. REPLACED PRIMARY 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.
6. PROFILE LINE 2: CHANGED "PROFILE STARTS AT JOBBOB" TO "PROFILE STARTS AT JEEPR" - NEW INITIAL SEGMENT ADDED.
7. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.99 TO 5.01 - PFAF LEETS MOVED NORTH 86 FT.
8. PROFILE LINE 4: JEEPR 10000 ADDED AND LUWEE/1.30 NM TO RW16L 5820* ASTERISK REMOVED - NEW INITIAL SEGMENT ADDED AND ASTERISK NO LONGER REQUIRED BY CRITERIA.
9. 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.
10. PROFILE LINE 5: CHANGED DIST TO THLD FROM 200 HAT FROM 0.44 TO 0.48 - RESULT OF CHANGE IN TCH.
11. REMOVED PROFILE NOTE *LNAV ONLY AND ASSOCIATED ASTERISK FROM FINAL STEPDOWN FIX LUWEE/1.3 NM TO RW16L ALTITUDE 5820 - NO LONGER REQUIRED BY CRITERIA.
12. ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS." - PER 8260.19J PARA. 8-6-8D(5)(A)1.
13. REMOVED PLANVIEW NOTE "RADAR REQUIRED" - NOT REQUIRED FOR RNAV APPROACHES.
14. REMOVED NOTE "DME/DME RNP-0.3 NA" - REPLACED WITH PBN REQUIREMENTS NOTE.
15. 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).
16. 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.
17. CHANGED NOTE "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS, AND LNAV CATS C/D VISIBILITY TO RVR 4500" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY, AND LNAV CATS C/D VISIBILITY TO RVR 4500" - PER 8260.19J PARA. 8-6-12O(3)(D).
18. 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.
19. CHANGED FAS OBST FROM "CHART FAS OBST: 5409 TREE 395424N/1044044W" TO "5486 POLE (08-022335) 395403N/1044018W" IN ADDITIONAL FLIGHT DATA - RESULT OF UP-TO-DATE TARGETS SOFTWARE EVALUATION.
20. REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" FROM ADDITIONAL FLIGHT DATA - REDUNDANT AND NO LONGER REQUIRED.
21. REMOVED "CHART 5559 TOWER (08-000189) 395545N/1044054W" FROM ADDITIONAL FLIGHT DATA - OBSTACLE NO LONGER IN DATABASE.
22. 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.
23. FAS DATA: CHANGED FPAP LAT/LONG FROM 395150.7700N/1044113.8700W TO 395150.7445N/1044113.8785W - RESULT OF UP-TO-DATE TARGETS SOFTWARE EVALUATION.
24. FAS DATA: CRC REMAINDER CHANGED FROM 085740C2 TO 1954923F - RESULT OF FPAP LAT/LONG CHANGE.
25. CHANGED NOTE "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" TO "USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" - PREVIOUS NOTE NO LONGER IN CRITERIA.
26. CHANGED NOTE "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R" TO "SIMULTANEOUS APPROACH AUTHORIZED" - PER 8260.19K PARA. 8-6-12O(8)(A).
27. ADDED NOTE "CHART SPEED ICON IN PLANVIEW AT JOBBOB: MAX 210 KIAS" - SPEED RESTRICTION ADDED TO MITIGATE SEGMENT LENGTH REQUIREMENTS WAIVER.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZDV, DEN ATCT, DEN APP CON, CO AERO, AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJF

DATE

12/18/2025

DEVELOPED BY

RALPH DUMAR

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJV-A422

DATE

07/23/2025

APPROVED BY

BEV L BORDY

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJV-A420

DATE

02/12/2026

TITLE

MANAGER



DATA

0
0
KDEN
RW16L
0
Y
0
W16A
395349.3300N
1044112.4995W
+16125
395150.7445N
1044113.8785W
00055.6
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER 1954923F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16306
FPAP ORTHOMETRIC HEIGHT	+16306

