

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 34R	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> DENVER	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 5434	<u>TDZE</u> 5354	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 34R	<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>
BFREE	IAF	BOOBU		TF	FB	1.00	352.50	2.64	10000
BOOBU	IF	BENGL		TF	FB	1.00	352.51	3.24	9000
BENGL		BOENG		TF	FB	1.00	352.51	4.73	9000
BOENG		CORDE		TF	FB	1.00	352.51	6.86	7000
CORDE	FAF	CADKO/2.00 NM TO RW34R		TF	FB	0.30	352.51	3.00	
CADKO/2.00 NM TO RW34R		RW34R	MAP	TF	FO	0.30	352.51	2.00	
RW34R	MAP	5554 MSL		CA			352.51		
5554 MSL		PIPSY		DF	FB	1.00			
PIPSY		NIWOT		TF	FO	1.00	315.01	23.54	10000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 10000 DIRECT PIPSY AND ON TRACK 315.01 TO NIWOT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT BOOBU
3. **FAC:** 352.51 **FAF:** CORDE **DIST FAF TO MAP:** 5.00 **DIST FAF TO THLD:** 5.00
4. **MIN ALT:** BOOBU 10000, BENGL 9000, BOENG 9000, CORDE 7000, CADKO/2.00 NM TO RW34R 6040
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:** CORDE 7000 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.0
8. **MSA FROM:** RW34R 10100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -26°C OR ABOVE 54°C.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM.
CHART SPEED ICON IN PLANVIEW AT BFREE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BOOBU: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 314.00 INBOUND.
CHART FAS OBST: 5704 CONTROL_TOWER (08-000781) 395145N/1044025W.
WAAS CHANNEL # 90318
REFERENCE PATH ID: W34B
CHART MANDATORY 10000 AT BFREE.
LTP HAE: 1613.7 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	5554	1800	200	5554	1800	200	5554	1800	200	5554	1800	200			
LNAV/VNAV DA	5842	5000	488	5842	5000	488	5842	5000	488	5842	5000	488			
LNAV MDA	5940	2400	586	5940	2400	586	5940	1 1/4	586	5940	1 1/4	586			



CHANGES - REASONS

1. TERMINAL ROUTES ADDED SEGMENT BFREE TO BOOBU - ATC REQUEST MIRROR ILS.
2. TERMINAL ROUTES UPDATED BOENG TO CORDE FROM 6.87 TO 6.86 - MOVED FIX CORDE UPDATED TCH.
3. TERMINAL ROUTES UPDATED CORDE TO CADKO FROM 2.98 TO 3.00 - MOVED FIX CORDE UPDATED TCH.
4. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 6000 THEN CLIMBING LEFT TURN TO 10000 DIRECT HYGEN AND HOLD TO CLIMB TO 10000 DIRECT PIPSY AND ON TRACK 307.84 TO OBONE AND ON TRACK 004.05 TO LPORT AND HOLD - NEW MISSED APPROACH PER ATC REQUEST.
5. PROFILE LINE 3 DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 4.98 TO 5.00 - FIX CORDE MOVED UPDATED TCH.
6. PROFILE LINE 7 UPDATED TCH FROM 58.5 TO 55.00, ADDED NOTE 20:1 IS CLEAR - IAW 8260.19J 8-6-7 G3A.
7. PROFE IINE 8 CHANGED MSA FROM 10200 TO 10100 - NEW CONTROLLING OBSTACLE.
8. CHART NOTE UPDATED FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 46C (114F) TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -26°C OR ABOVE 54°C - UPDATED HISTORICAL TEMP DATA.
9. PBN REQUIREMENTS: ADDED "RNP APCH – GPS", REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" – IAW 8260.19J, 8-6-8(5)A(1).
10. NOTES UPDATED CHART NOTE FROM CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19J 8-6-7 M1.
11. NOTES REMOVED *LNAV ONLY - NO LONGER REQUIRED.
12. ADDITIONAL FLIGHT DATA CHANGED NOTE FROM HOLD SE, RT, 309.00 INBOUND TO HOLD N, LT, 183.26 INBOUND - NEW MISSED APPROACH HOLDING PER ATC.
13. ADDITIONAL FLIGHT DATA UPDATED CHART FAS OBST FROM 5701 CTRL TWR 395145N/104ML25W TO 5704 CONTROL TOWER (08-000781) 395145N/1044025W - UPDATED MSL ALTITUDE.
14. MINIMUMS UPDATED LNAV/VNAV FROM 5838/6000 ALL CATS TO 5842/5000 ALL CATS - NEW CONTROLLING OBSTACLE.
15. FAS DATA BLOCK UPDATED THRESHOLD CROSSING HEIGHT (TCH) FROM 00058.5 TO 00055.0 CHANGED CRC REMAINDER FROM 08FC88B3 TO 272A9572 - NEW TCH.

10/08/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/16/25.

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 10000 DIRECT PIPSY AND ON TRACK 307.84 TO OBONE AND ON TRACK 004.05 TO LPORT AND HOLD TO CLIMB TO 10000 DIRECT PIPSY AND ON TRACK 315.01 TO NIWOT AND HOLD.
2. TERMINAL ROUTES REMOVED ALTITUDE FROM CA LEG.
3. NOTES ADDED CHART SPEED ICON IN PLANVIEW AT BOOBU: MAX 210 KIAS.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZDV, DEN ATCT, DEN APP CON, CO AERO, AMGR , ATA

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

ROBERT G HAMILTON

Jan 14, 2026

OFFICE

AJF

DATE

12/16/2025

DEVELOPED BY

JOSHUA DUGAN

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Jan 14, 2026

OFFICE

AJV-A433

DATE

07/16/2025

APPROVED BY

ROBERT G HAMILTON

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ROBERT G HAMILTON

Jan 14, 2026

OFFICE

AJV-A433

DATE

02/12/2026

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW34R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34B
LTP/FTP LATITUDE	395150.7740N
LTP/FTP LONGITUDE	1044113.8780W
LTP/FTP ELLIPSOIDAL HEIGHT	+16137
FPAP LATITUDE	395349.3595N
FPAP LONGITUDE	1044112.4995W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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	272A9572

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16318
FPAP ORTHOMETRIC HEIGHT	+16318

