

**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.

AIRPORT ID DEN	PROCEDURE NAME RNAV (GPS) Y RWY 16R	ORIGINAL/AMENDMENT 3	CITY DENVER	STATE CO
AIRPORT ELEVATION 5434	TDZE 5326	SUPERSEDED RNAV (GPS) Y RWY 16R	DATED 08/07/2025	MAG VAR 8E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2015
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KIPPR	IAF	HAYLY		TF	FB	1.00	248.52	4.63	12000
HAYLY		PECIY		TF	FB	1.00	214.81	3.79	11500
TSHNR	IAF	PECIY		TF	FB	1.00	153.97	4.46	11500
PECIY		BUDUJ		TF	FB	1.00	169.60	2.36	10600
BUDUJ		ZOREG		TF	FB	1.00	169.60	2.41	10000
KAILE	IAF	OGINE		TF	FB	1.00	116.15	1.90	10400
OGINE		ZOREG		TF	FB	1.00	150.18	2.58	10000
ZOREG		HAROS		TF	FB	1.00	169.60	2.65	10000
HAROS	IF	BRDOR		TF	FB	1.00	169.44	3.96	9000
BRDOR		FESKA		TF	FB	1.00	169.71	3.74	8000
FESKA		ORAGE		TF	FB	1.00	169.05	1.84	7300
ORAGE		APASE		TF	FB	1.00	169.34	1.31	7000
APASE	FAF	UJNOR	MAP	TF	FO	0.30	169.51	5.10	
UJNOR	MAP	5900 MSL		CA			169.51		5900
5900 MSL		CANRO		DF	FB	1.00			
CANRO		ZOOKS		TF	FO	1.00	224.38	11.83	10000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: UJNOR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5900 THEN CLIMBING RIGHT TURN TO 10000 DIRECT CANRO AND ON TRACK 224.38 TO ZOOKS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. PROFILE STARTS AT ORAGE
- 3. **FAC:** 169.51 **FAF:** APASE **DIST FAF TO MAP:** 5.10 **DIST FAF TO THLD:** 5.10
- 4. **MIN ALT:** ORAGE 7300, APASE 7000
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.62 **GS ANT:**
- 6. **MIN GP INCPT:** 7000 **GP ALT AT PFAF:** APASE 7000 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.1
- 8. **MSA FROM:** RW16R 10200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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 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: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4000.
 CHART SPEED ICON IN PLANVIEW AT KIPPR: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT TSHNR: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT KAILE: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT HAROS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 229.00 INBOUND.
 CHART FAS OBST: 5391 TOWER (08-022496) 395340N/1044118W.
 CHART VDP AT 0.84 NM TO UJNOR.
 WAAS CHANNEL # 53546
 REFERENCE PATH ID: W16B
 CHART MANDATORY 12000 AT KIPPR.
 CHART MANDATORY 13000 AT TSHNR.
 CHART MANDATORY 11000 AT KAILE.
 FAC CROSSES RWY C/L EXTENDED 2606 FT FROM THLD.
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
 FTP HAE: 1604 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	5576	2400	250	5576	2400	250	5576	2400	250	5576	2400	250				
LNAV/VNAV DA	5582	2400	256	5582	2400	256	5582	2400	256	5582	2400	256				
LNAV MDA	5660	2400	334	5660	2400	334	5660	2600	334	5660	2600	334				

QUALITY
37
CHECKED

CHANGES - REASONS

1. 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 5900 THEN CLIMBING RIGHT TURN TO 10000 DIRECT CANRO AND ON TRACK 224.38 TO ZOOKS 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.
2. PROFILE LINE 7: CHANGED TCH FROM 55.0 TO 55.1 - TO MATCH ILS OR LOC RWY 16R DESIGN TCH.
3. CHANGED MISSED HOLDING FROM "HOLD E, RT, 257.46 INBOUND" TO "HOLD NE, RT, 229.00 INBOUND" IN ADDITIONAL FLIGHT DATA - NEW MISSED APPROACH CLEARANCE LIMIT AND HOLD PATTERN.
4. REMOVED CLFFF-ORAGE INTERMEDIATE LEG FROM TERMINAL ROUTES - REQUESTED BY ATC/FPT DUE TO NUMEROUS TCAS ALERTS EXPERIENCED WHEN FLOWN.
5. REMOVED PROFILE NOTE "SEE PLANVIEW FOR MULTIPLE IF LOCATIONS" - NO LONGER APPLIES WITH REMOVAL OF CLFFF INTERMEDIATE SEGMENT.
6. REMOVED NOTES "CHART SPEED ICON IN PLANVIEW AT CLFFF: MAX 210 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT WAVAP: MAX 170 KIAS" - NO LONGER REQUIRED.
7. REMOVED "CHART MANDATORY 11000 AT CLFFF" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
8. FAS DATA: FTP LAT/LONG CHANGED FROM 395344.8900N/1044144.1500W TO 395344.8920N/1044144.1500W - NEW TARGETS SOFTWARE ASSESSMENT MOVED FTP 23 FT.
9. FAS DATA: CHANGED TCH 55.0 TO 55.1 - TO MATCH ILS OR LOC RWY 16R DESIGN TCH.
10. FAS DATA: CRC REMAINDER CHANGED FROM E28A6FFA TO DB024A27 - RESULT OF TCH CHANGE.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

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

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJF

DATE

12/17/2025

DEVELOPED BY

RALPH DUMAR

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJV-A422

DATE

10/07/2025

APPROVED BY

BEV L BORDY

Digitally signed by

RAKE MCGRAW

Jan 15, 2026

OFFICE

AJV-A420

DATE

02/12/2026

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16B
LTP/FTP LATITUDE	395344.8920N
LTP/FTP LONGITUDE	1044144.1550W
LTP/FTP ELLIPSOIDAL HEIGHT	+16040
FPAP LATITUDE	395215.8065N
FPAP LONGITUDE	1044139.1225W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
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)	50.0

CRC REMAINDER C29A74E8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16221
FPAP ORTHOMETRIC HEIGHT	+16221



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> DEN	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 16R	<u>AMDT NO.</u> 3	<u>CITY</u> DENVER	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 5434	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL
FROM KIPPR **TO** HAYLY

RNP DISTANCE PAT MAP HAT HMAS
1.00 4.63

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401936.00N/1043542.00W	5073	215	8	4B	1000				AT5927	12000
TERRAIN	401933.00N/1043542.00W	4872 (4900)								AS1500	6400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM HAYLY **TO** PECIY

RNP DISTANCE PAT MAP HAT HMAS
1.00 3.79

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401542.00N/1044148.00W	5194	215	8	4B	1000				AT5306	11500
TERRAIN	401654.00N/1044042.00W	4927 (4900)								AS1500	6400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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INITIAL

FROM
TSHNR

TO
PECIY

RNP
1.00

DISTANCE
4.46

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401618.00N/1044133.00W	5132	215	8	4B	1000				AT5368	11500
TERRAIN	401727.00N/1044039.00W	4895 (4900)								AS1500	6400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM
PECIY

TO
BUDUJ

RNP
1.00

DISTANCE
2.36

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000570)	401540.90N/1044222.80W	5275	500	50	5D	1000				AT4325	10600
TERRAIN	401448.00N/1044233.00W	5026 (5000)								AS1500	6500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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FACILITY
RNAV

INITIAL: STEPDOWN

FROM
BUDJJ **TO**
ZOREG

RNP 1.00 **DISTANCE** 2.41 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000570)	401540.90N/1044222.80W	5275	500	50	5D	1000				AT3725	10000
TERRAIN	401254.00N/1044333.00W	5072 (5100)								AS1500	6600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL
FROM
KAILE **TO**
OGINE

RNP 1.00 **DISTANCE** 1.90 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000570)	401540.90N/1044222.80W	5275	500	50	5D	1000				AT4125	10400
TERRAIN	401409.00N/1044506.00W	4947 (4900)								AS1500	6400

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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FACILITY
RNAV

INITIAL: STEPDOWN

FROM OGINE **TO** ZOREG

RNP 1.00 **DISTANCE** 2.58 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000570)	401540.90N/1044222.80W	5275	500	50	5D	1000				AT3725	10000
TERRAIN	401254.00N/1044333.00W	5072 (5100)								AS1500	6600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM ZOREG **TO** HAROS

RNP 1.00 **DISTANCE** 2.65 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401015.00N/1044418.00W	5292	215	8	4B	1000				AT3708	10000
TERRAIN	401015.00N/1044427.00W	5091 (5100)								AS1500	6600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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FACILITY
RNAV

INTERMEDIATE

FROM
HAROS

TO
BRDOR

RNP
1.00

DISTANCE
3.96

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	400733.00N/1044445.00W	5391	215	8	4B	500				AT3109	9000
TERRAIN	400730.00N/1044445.00W	5190 (5200)								AS1500	6700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
BRDOR

TO
FESKA

RNP
1.00

DISTANCE
3.74

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (08-000787)	400319.72N/1044448.77W	5570	250	50	4D	500				AT1930	8000
TERRAIN	400324.00N/1044454.00W	5160 (5200)								AS1500	6700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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FACILITY
RNAV

INTERMEDIATE: STEPDOWN

FROM
FESKA **TO**
ORAGE

RNP 1.00 **DISTANCE** 1.84 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	400130.00N/1044442.00W	5351	215	8	4B	500				AT1449	7300
TERRAIN	400130.00N/1044445.00W	5150 (5200)								AS1500	6700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
ORAGE **TO**
APASE

RNP 1.00 **DISTANCE** 1.31 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	395851.00N/1044033.00W	5374	215	8	4B	500				AT1126	7000
TERRAIN	395854.00N/1044039.00W	5164 (5200)								AS1500	6700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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FINAL: LPV

FROM APASE **TO** UJNOR

RNP 0.30 **DISTANCE** 5.10 **PAT** **MAP** DA **HAT** 250 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5576

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM APASE **TO** UJNOR

RNP 0.30 **DISTANCE** 5.10 **PAT** **MAP** DA **HAT** 256 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC			XP1 MA5	5582

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

XP: TO MAINTAIN CURRENT MINIMUMS



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RNAV

FINAL: LNAV

FROM APASE **TO** UJNOR

RNP 0.30 **DISTANCE** 5.10 **PAT** **MAP** UJNOR **HAT** 334 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-022496)	395339.57N/1044117.85W	5391	20	3	1A	250					5660

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM DA **TO** ZOOKS

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 5384

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	394054.00N/1050736.00W	5991	215	8	4B	1000					7000
TERRAIN	394118.00N/1050651.00W	5662 (5700)								AS1500	7200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
ZOOKS

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
5421

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
CONTROL_TOWER (08-000781)	395144.74N/1044025.08W	5704	20	3	1A	251	ASC				10000
AAO	394054.00N/1050736.00W	5991	215	8	4B	1000					7000
TERRAIN	394118.00N/1050651.00W	5662 (5700)								AS1500	7200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
UJNOR **TO**
ZOOKS

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
5560

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	394054.00N/1050736.00W	5991	215	8	4B	1000					7000
TERRAIN	394118.00N/1050651.00W	5662 (5700)								AS1500	7200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED



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FACILITY
RNAV

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
5321.8

TCH
55.1

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
71.2

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

2606 FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW
-26C

CRITICAL HIGH
+54C

ACT
-26C

APT ISA
+4.24C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1030 HIGH TEMP 1359.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

WAIVER FOR OFFSET FINAL APPROACH COURSE NOT PASSING THROUGH LTP.
WAIVER FOR INITIAL SEGMENT KAILE-OGINE: LEG LENGTH TOO SHORT FOR ATC VECTORING.



AIRPORT ID
DEN

PROCEDURE NAME
RNAV (GPS) Y RWY 16R

AMDT NO.
3

CITY
DENVER

STATE
CO

AIRPORT ELEVATION
5434

FACILITY
RNAV

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.21
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	177.51
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	5400
DISTANCE FROM	THLD	TO 1500FT POINT	4.90
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	177.51
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	5400

THRESHOLD COORDINATES (IF STR-IN)	395344.87N/1044145.90W
ARP COORDINATES	395142.00N/1044023.40W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 7 DISTANCE 2.77 NM
FAF COORDINATES	395850.60N/1044201.43W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RALPH DUMAR	AJV-A422	10/07/2025	AERONAUTICAL INFORMATION SPECIALIST

