

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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.

<b>AIRPORT ID</b> DEN	<b>PROCEDURE NAME</b> ILS OR LOC RWY 35L ILS RWY 35L (SA CAT I) ILS RWY 35L (CAT II) ILS RWY 35L (CAT III)	<b>ORIGINAL/AMENDMENT</b> 6	<b>CITY</b> DENVER	<b>STATE</b> CO		
<b>AIRPORT ELEVATION</b> 5434	<b>TDZE</b> 5434	<b>SUPERSEDED</b> ILS OR LOC RWY 35L ILS RWY 35L (SA CAT I) ILS RWY 35L (CAT II) ILS RWY 35L (CAT III)	<b>ORIGINAL/AMENDMENT</b> 5B	<b>DATED</b> 07/19/2018	<b>MAG VAR</b> 8E	<b>EPOCH YEAR</b> 2015
<b>FACILITY</b> I-AQD	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LDORA	IAF	KARVE		TF	FB	1.00	060.92	4.59	12000
BOSS	IAF	EPICC		TF	FB	1.00	293.16	2.66	12000
TELLR	IAF	VAILL		TF	FB	1.00	059.93	3.58	11000
CHAPP/I-AQD 22.46 DME/RADAR	IAF	CRUUP/I-AQD 19.75 DME/RADAR					352.53 (I-AQD)	2.72	11000
KARVE		CPPER		TF	FB	1.00	023.49	2.75	12000
CPPER		CHAPP/I-AQD 22.46 DME/RADAR		TF	FB	1.00	352.53	3.76	12000
EPICC		CPPER		TF	FB	1.00	324.36	2.60	12000
VAILL		CRUUP/I-AQD 19.75 DME/RADAR		TF	FB	1.00	007.02	4.80	11000
CRUUP/I-AQD 19.75 DME/RADAR	IF	CHOLA/I-AQD 16.60 DME/RADAR					352.53 (I-AQD)	3.15	10000
CHOLA/I-AQD 16.60 DME/RADAR		CELBI/I-AQD 13.35 DME/RADAR					352.53 (I-AQD)	3.25	9000
CELBI/I-AQD 13.35 DME/RADAR		DYMON/I-AQD 6.90 DME/RADAR					352.53 (I-AQD)	6.45	7000

**MISSED APPROACH**

**MAP:**  
ILS: DA  
LOC: 4.75 NM AFTER DYMON/I-AQD 6.90 DME/RADAR OR AT I-AQD 2.15 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 10000 ON HEADING 353 TO I-AQD 2.29 DME NORTH OF I-AQD AND DIRECT GLL VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**ORIGINAL/AMENDMENT**  
6

**CITY**  
DENVER

**STATE**  
CO

**PROFILE:**

- |                                 |                                                                                                                                                                          |                        |                                 |                         |                      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|-------------------------|----------------------|
| 1. <b>PT</b>                    | <b>SIDE OF COURSE</b>                                                                                                                                                    | <b>OUTBOUND</b>        | <b>FT WITHIN</b>                | <b>MILES OF</b>         | (IAF)                |
| 2.                              | PROFILE STARTS AT CRUUP/I-AQD 19.75 DME/RADAR                                                                                                                            |                        |                                 |                         |                      |
| 3. <b>FAC:</b>                  | 352.53                                                                                                                                                                   | <b>FAF:</b>            | DYMON/I-AQD 6.90 DME/RADAR      | <b>DIST FAF TO MAP:</b> | 4.75                 |
| 4. <b>MIN ALT:</b>              | CRUUP/I-AQD 19.75 DME/RADAR 11000, CHOLA/I-AQD 16.60 DME/RADAR 10000, CELBI/I-AQD 13.35 DME/RADAR 9000, DYMON/I-AQD 6.90 DME/RADAR 7000, DAPGE/I-AQD 4.15 DME/RADAR 6120 |                        |                                 |                         |                      |
| 5. <b>DIST TO THLD FROM OM:</b> | <b>MM:</b>                                                                                                                                                               | <b>IM:</b>             | <b>100 HAT:</b>                 | 906.00                  | <b>150 HAT:</b> 1858 |
| 6. <b>MIN GS INCP:</b>          | 7000                                                                                                                                                                     | <b>GS ALT AT PFAF:</b> | DYMON/I-AQD 6.90 DME/RADAR 7000 | <b>OM:</b>              | <b>GS ANT:</b> 1101  |
| 7. <b>GS ANGLE:</b>             | 3.00                                                                                                                                                                     | <b>34:1:</b>           | <b>20:1:</b>                    | <b>TCH:</b>             | 52.7                 |
| 8. <b>MSA FROM:</b>             | DVV VORTAC 8100                                                                                                                                                          |                        |                                 |                         |                      |

**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS. FROM BOSSS, LDORA OR TELLR.

**EQUIPMENT REQUIREMENTS NOTES:**

DME OR RADAR REQUIRED.

**NOTES:**

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35L: CAT A, B, C, D, RA 165, RVR 1400, HAT 150, DA 5584 MSL  
 CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35L: CAT A, B, C, D, RA 115, RVR 1200, HAT 100, DA 5534 MSL  
 CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35L: CAT A, B, C, D, RVR 300  
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.  
 SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.  
 CHART SPEED ICON IN PLANVIEW AT LDORA: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT BOSSS: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT TELLR: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 205.00 INBOUND.  
 CHART FAS OBST: 5483 NAVAID (08-022490) 394845N/1043939W.  
 CHART 5511 RIG (08-081543) 394736N/1043924W.  
 CHART VDP AT 2.95 DME.  
 DISTANCE VDP TO THLD 0.80 NM.  
 CHART MANDATORY 13000 AT LDORA.  
 CHART MANDATORY 12000 AT BOSSS.  
 CHART MANDATORY 11000 AT TELLR.  
 CHART MANDATORY 12000 AT CHAPP.



**MINIMUMS:**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA  ILS: STANDARD; LOC: 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
S-ILS 35L	5634	1800	200	5634	1800	200	5634	1800	200	5634	1800	200			
S-LOC 35L	5760	2400	326	5760	2400	326	5760	2600	326	5760	2600	326			

**CHANGES - REASONS**

- EQUIPMENT REQUIREMENTS NOTES: REMOVED "RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY" - IAW 8260.19K 8-6-10 G.
- PBN REQUIREMENTS NOTES: ADDED "RNP APCH-GPS. FROM BOSSS, LDORA OR TELLR." - IAW 8260.19K 8-6-8.
- EQUIPMENT REQUIRED NOTES: REMOVED "FOR LOC ONLY" FROM "DME OR RADAR REQUIRED FOR LOC ONLY" - IAW 8260.19K 8-6-9 AND ILS AIRCRAFT WILL ALSO NEED RADAR OR DME TO ID ALL FIXES.
- TERMINAL ROUTES: MOVED PFAF DYMON FROM DYMON/I-AQD 6.89 DME/RADAR 6.46NM "394457.47N/1043941.39W" TO DYMON/I-AQD 6.90 DME/RADAR 6.45NM "394456.62N/1043941.40W" (86.15 FT S) - NEW EVALUATION WITH DESIGN TCH.
- MISSED APPROACH: REMOVED ALTERNATE MA - PER ATC REQUEST.
- MISSED APPROACH: CHANGED MISSED APPROACH FROM CLIMB TO 10000 THEN RIGHT TURN DIRECT GLL VOR/DME AND HOLD TO CLIMB TO 10000 ON HEADING 353 TO I-AQD 2.29 DME BEFORE TURNING DIRECT GLL VOR/DME AND HOLD - PER ATC REQUEST OF NEW MISSED HOLDING FOR SEPARATION.
- NOTES CHANGED FROM "VGS1 AND ILS GLIDEPATH NOT COINCIDENT" TO "VGS1 AND ILS GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19K 8-6-10.
- NOTES: CHANGED FROM "CHART IN PLANVIEW NOTE: AT LDORA" TO "CHART SPEED ICON IN PLANVIEW AT LDORA :MAX 210 KIAS" - IAW 8260.19K 4-6-10.
- NOTES: CHANGED FROM "CHART IN PLANVIEW NOTE: AT BOSSS" TO "CHART SPEED ICON IN PLANVIEW AT BOSSS :MAX 210 KIAS" - IAW 8260.19K 4-6-10.
- NOTES: CHANGED FROM "CHART IN PLANVIEW NOTE: AT TELLR" TO "CHART SPEED ICON IN PLANVIEW AT TELLR :MAX 210 KIAS" - IAW 8260.19K 4-6-10.
- NOTES: CHANGED FROM: "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH" TO "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL." - IAW 8260.19K 8-6-12.
- PROFILE: LINE 3 UPDATED PFAF FROM DYMON/I-AQD 6.89 DME TO DYMON/I-AQD 6.90 DME, DIST FAF TO MAP AND FAF TO THLD FROM 4.74 TO 4.75 - NEW EVALUATION.
- PROFILE: LINE 5 UPDATED 100 HAT FROM 820 TO 906, 150 HAT FROM 1775 TO 1858 - NEW EVALUATION.
- PROFILE: LINE 7 TCH UPDATED FROM 57.2 TO 52.7 - NEW PROCEDURE DESIGN TCH.
- PROFILE: LINE 8 CHANGED MSA FROM DEN VOR/DME TO DVV VORTAC - FOR ANTICIPATED DECOMMISSIONING OF DEN VOR, NEW EVALUATION IAW 8260.19K 8-6-7.
- ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM 5599 TREE 394719N/1044016W TO 5483 NAVAID (08-022490) 394845N/1043939W - NEW EVALUATION.
- ADDITIONAL FLIGHT DATA: ADDED 7:1 "CHART 5511 RIG (08-081543) 394736N/1043924W" - NEW OBSTACLE AND CANCELS FDC NOTAM 3/4557 WITH AMDT 6.
- ADDITIONAL FLIGHT DATA: REMOVED \*LOC ONLY - NO LONGER REQUIRED.

10/02/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/18/2025.

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 10000 ON HEADING 353 TO I-AQD 2.29 DME BEFORE TURNING DIRECT GLL VOR/DME AND HOLD" TO "CLIMB TO 10000 ON HEADING 353 TO I-AQD 2.29 DME NORTH OF I-AQD AND DIRECT GLL VOR/DME AND HOLD."
2. CHANGED LOC MAP FROM "4.75 NM AFTER DYMON/I-AQD 6.90 DME/RADAR OR AT I-AQD /2.15 DME" TO "4.75 NM AFTER DYMON/I-AQD 6.90 DME/RADAR OR AT I-AQD 2.15 DME".

**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  
**ROBERT G HAMILTON**  
Jan 14, 2026

**OFFICE**

AJF

**DATE**

12/16/2025

**DEVELOPED BY**

TROY PURNELL

Digitally signed by  
**ROBERT G HAMILTON**  
Jan 14, 2026

**OFFICE**

AJV-A433

**DATE**

07/18/2025

**APPROVED BY**

ROBERT G HAMILTON

Digitally signed by  
**ROBERT G HAMILTON**  
Jan 14, 2026

**OFFICE**

AJV-A433

**DATE**

**TITLE**  
MANAGER



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

<u>AIRPORT ID</u> DEN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 35L ILS RWY 35L (SA CAT I) ILS RWY 35L (CAT II) ILS RWY 35L (CAT III)	<u>AMDT NO.</u> 6	<u>CITY</u> DENVER	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 5434	<u>FACILITY</u> I-AQD
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**  
**FROM** LDORA **TO** KARVE

RNP 1.00      DISTANCE 4.59      PAT      MAP      HAT      HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391736.00N/1044803.00W	7123	215	8	4B	1000				AT3877	12000
TERRAIN	392009.00N/1043954.00W	6820 (6800)								AS1500	8300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**  
**FROM** BOSSS **TO** EPICC

RNP 1.00      DISTANCE 2.66      PAT      MAP      HAT      HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	392130.00N/1043927.00W	6952	215	8	4B	1000				AT4048	12000
TERRAIN	392130.00N/1043927.00W	6751 (6800)								AS1500	8300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**INITIAL**

**FROM**  
TELLR

**TO**  
VAILL

**RNP**  
1.00

**DISTANCE**  
3.58

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	392612.00N/1043927.00W	6884	215	8	4B	1000				AT3116	11000
TERRAIN	392551.00N/1044012.00W	6679 (6700)								AS1500	8200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
CHAPP/I-AQD 22.46 DME/RADAR

**TO**  
CRUUP/I-AQD 19.75 DME/RADAR

**RNP**

**DISTANCE**  
2.72

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	392824.00N/1043939.00W	6687	215	8	4B	1000				AT3313	11000
TERRAIN	393118.00N/1044003.00W	6414 (6400)								AS1500	7900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**INITIAL: STEPDOWN**

**FROM**  
KARVE **TO**  
CPPER

**RNP** 1.00 **DISTANCE** 2.75 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000111)	392514.36N/1043916.84W	7049	50	20	2C	1000				AT3951	12000
TERRAIN	392057.00N/1043915.00W	6771 (6800)								AS1500	8300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

**FROM**  
CPPER **TO**  
CHAPP/I-AQD 22.46 DME/RADAR

**RNP** 1.00 **DISTANCE** 3.76 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000111)	392514.36N/1043916.84W	7049	50	20	2C	1000				AT3951	12000
TERRAIN	392545.00N/1043933.00W	6738 (6700)								AS1500	8200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**INITIAL: STEPDOWN**

**FROM**  
EPICC **TO**  
CPPER

**RNP** 1.00 **DISTANCE** 2.60 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (08-000111)	392514.36N/1043916.84W	7049	50	20	2C	1000				AT3951	12000
TERRAIN	392236.00N/1043927.00W	6735 (6700)								AS1500	8200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

**FROM**  
VAAIL **TO**  
CRUUP/I-AQD 19.75 DME/RADAR

**RNP** 1.00 **DISTANCE** 4.80 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	392612.00N/1043927.00W	6884	215	8	4B	1000				AT3116	11000
TERRAIN	392612.00N/1043927.00W	6683 (6700)								AS1500	8200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**INTERMEDIATE**

**FROM**  
CRUUP/I-AQD 19.75 DME/RADAR

**TO**  
CHOLA/I-AQD 16.60 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
                                         3.15

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	393118.00N/1044003.00W	6615	215	8	4B	500				AT2885	10000
TERRAIN	393206.00N/1044015.00W	6328 (6300)								AS1500	7800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE: STEPDOWN**

**FROM**  
CHOLA/I-AQD 16.60 DME/RADAR

**TO**  
CELBI/I-AQD 13.35 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
                                         3.25

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	393424.00N/1044048.00W	6414	215	8	4B	500				AT2086	9000
TERRAIN	393539.00N/1044136.00W	6167 (6200)								AS1500	7700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**









**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**MISSED APPROACH: ILS**

**FROM**  
DA **TO**  
GLL VOR/DME

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
5467

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				10000
CONTROL_TOWER (08-000781)	395144.74N/1044025.08W	5704	20	3	1A	1000					6800
TERRAIN	394845.00N/1043921.00W	5442 (5400)								AS1500	6900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: ILS SA CAT I**

**FROM**  
DA **TO**  
GLL VOR/DME

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				10000
CONTROL_TOWER (08-000781)	395144.74N/1044025.08W	5704	20	3	1A	1000					6800
TERRAIN	394845.00N/1043921.00W	5442 (5400)								AS1500	6900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**MISSED APPROACH: ILS CAT II**

**FROM**  
DA **TO**  
GLL VOR/DME

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				10000
CONTROL_TOWER (08-000781)	395144.74N/1044025.08W	5704	20	3	1A	1000					6800
TERRAIN	394845.00N/1043921.00W	5442 (5400)								AS1500	6900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LOC**

**FROM**  
4.75 NM AFTER DYMON/I-AQD 6.90 DME/RADAR OR AT I-AQD /2.15 DME **TO**  
GLL VOR/DME

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
5450

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				10000
CONTROL_TOWER (08-000781)	395144.74N/1044025.08W	5704	20	3	1A	1000					6800
TERRAIN	394845.00N/1043921.00W	5442 (5400)								AS1500	6900

**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



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

**CITY**  
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**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-AQD

**MSA**

**CENTER**

DVV VORTAC

**RADIUS**

25

<b>SECTOR</b>	<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>BEARING</b>	<b>DISTANCE</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
360-360	AAO	394203.00N/1051039.00W	238	28.1	7054	215	8	4B	1000			8100

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

INITIAL, INTERMEDIATE AND INTERMEDIATE STEPDOWN FIX ALTITUDES AND LOCATIONS PER ATC REQUEST FOR SEPARATION AND AIRSPACE PURPOSES  
PROCEDURE CONNECTED TO MULTIPLE RNAV STARS, RADAR REQUIRED NOTE PER ATC REQUEST



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
ILS RWY 35L (CAT III)

**AMDT NO.**  
6

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DENVER

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CO

**AIRPORT ELEVATION**  
5434

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I-AQD

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

DEN TOWER, ZDV ARTCC, DEN APP CON

<b>WX SERVICE</b> ASOS	<b>LOCATION</b> DEN	<b>HRS OPERATION</b> 24	<b>ALTIMETER SOURCE</b> DEN	<b>DISTANCE</b>	<b>WMSCR</b> Y	<b>ADJUSTMENTS</b> 0
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<b>BACK-UP WX SERVICE</b>	<b>LOCATION</b>	<b>HRS OPERATION</b>	<b>ALTIMETER SOURCE</b>	<b>DISTANCE</b>	<b>WMSCR</b>	<b>ADJUSTMENTS</b>
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**WX REMARKS:**

BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.

<b>PRIMARY NAVAID</b> I-AQD	<b>MONITOR POINT</b> DEN TRACON	<b>HRS OPERATION</b> 24	<b>CAT</b> 1
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<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW07 - MALSR, C/LINE, TDZ, HIRL, PAPI-4R	PIR-null	APPROACH, ROLL OUT
RW08 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW16L - MALSR, HIRL, C/LINE, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW16R - MALSR, HIRL, TDZ, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW17L - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW17R - MALSR, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW25 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW26 - MALSR, TDZ, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW34L - ALSF-2, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW34R - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW35L - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW35R - ALSF-2, TDZ, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<b>GLIDESLOPE ANGLE</b> 3.00	<b>ELEV RWY THRESHOLD</b> 5433.8	<b>TCH</b> 52.7	<b>ELEV GS ANTENNA</b> 5422.6	<b>DISTANCE FROM RWY</b> 1101	<b>VGSI ANGLE</b> 3.00	<b>TCH</b> 71.0
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**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

**CRITICAL TEMPERATURES**

<b>CRITICAL LOW</b>	<b>CRITICAL HIGH</b>	<b>ACT</b>	<b>APT ISA</b>
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**AIRPORT ID**  
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**PROCEDURE NAME**  
ILS OR LOC RWY 35L  
ILS RWY 35L (SA CAT I)  
ILS RWY 35L (CAT II)  
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I-AQD

**CRITICAL TEMPERATURE REMARKS:**

**"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.

MAXIMUM VEGETATION HEIGHT 50FT PER FPT.

WAIVER: ATC VECTOR LEG LENGTH ISSUES; VECTOR ANGLE RESTRICTED AT BOSSS TO 45 DEGREES, AT TELLR TO 30 DEGREES.

APPROVED WAIVER FAA ORDER 8260.58 PBN INSTRUMENT PROCEDURE DESIGN, APPENDIX C, PARAGRAPH 2.A.(1) ON FILE.

ORDER 8260.3 CHAPTER 2 APPLIED TO 5511 RIG (08-081543) 394736.12N/1043924.35W.

**PART D: AIRSPACE**

**DOCKET #**

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

<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1000FT POINT</b>	<b>3.81</b>
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	<b>1.04</b>
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>000.53</b>
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>5700</b>
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	<b>8.20</b>
<b>WIDTH OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT AT 1500FT POINT</b>	<b>4.00</b>
<b>TRUE COURSE OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>000.53</b>
<b>HIGH TERRAIN IN</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>6000</b>

**THRESHOLD COORDINATES (IF STR-IN)**

394941.93N/1043937.98W

**ARP COORDINATES**

395142.00N/1044023.40W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 7 DISTANCE 2.77 NM

**FAF COORDINATES**

394456.62N/1043941.40W

**FIX NAME COORDINATES**

**REMARKS**

**PART E: PREPARED BY**

**NAME**

TROY PURNELL

**OFFICE**

AJV-A433

**DATE**

07/18/2025

**TITLE**

AERONAUTICAL INFORMATION SPECIALIST

