

**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 17R	<b>ORIGINAL/AMENDMENT</b> 4	<b>CITY</b> DENVER	<b>STATE</b> CO
<b>AIRPORT ELEVATION</b> 5434	<b>TDZE</b> 5392	<b>SUPERSEDED</b> ILS OR LOC RWY 17R	<b>DATED</b> 07/19/2018	<b>MAG VAR</b> 8E
<b>FACILITY</b> I-ACX	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2015
				<b>CANCEL/SUSPEND</b>

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TSHNR	IAF	KLING		TF	FB	1.00	099.44	3.11	13000
KIPPR	IAF	TARIE		TF	FB	1.00	248.54	2.92	12000
KAILE	IAF	OVVAL		TF	FB	1.00	092.72	3.52	11000
HISSY/20.57 DME/RADAR	IAF	HOOPE/17.83 DME/RADAR					172.53 (I-ACX)	2.75	11000
KLING		HALDO		TF	FB	1.00	143.69	2.73	12000
TARIE		HALDO		TF	FB	1.00	202.89	2.65	12000
OVVAL		HOOPE/17.83 DME/RADAR		TF	FB	1.00	154.87	5.71	11000
HALDO		HEETT		TF	FB	1.00	172.53	2.09	12000
HEETT		HISSY/20.57 DME/RADAR		TF	FB	1.00	172.53	3.48	12000
HOOPE/17.83 DME/RADAR	IF	JAPEX/13.18 DME/RADAR					172.53 (I-ACX)	4.65	9600
JAPEX/13.18 DME/RADAR		JOMAG/11.14 DME/RADAR					172.53 (I-ACX)	2.04	9000
JOMAG/11.14 DME/RADAR		JOSEE/7.89 DME/RADAR					172.53 (I-ACX)	3.25	8000
JOSEE/7.89 DME/RADAR		JOULE/4.75 DME/RADAR					172.53 (I-ACX)	3.14	7000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.92 NM AFTER JOULE/4.75 DME/RADAR OR AT 0.18 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 11000 ON HEADING 173 TO I-ACX 4.15 DME SOUTH OF I-ACX BEFORE TURNING DIRECT FQF VORTAC AND ON FQF R-197 TO HOHUM INT/FQF 22.49 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**    (IAF)
- 2. PROFILE STARTS AT HOOPE/17.83 DME/RADAR
- 3. **FAC:** 172.53                      **FAF:** JOULE/4.75 DME/RADAR                      **DIST FAF TO MAP:** 4.92                      **DIST FAF TO THLD:** 4.92
- 4. **MIN ALT:** HOOPE/17.83 DME/RADAR 11000, JAPEX/13.18 DME/RADAR 9600, JOMAG/11.14 DME/RADAR 9000, JOSEE/7.89 DME/RADAR 8000, JOULE/4.75 DME/RADAR 7000
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:** 965
- 6. **MIN GS INCPT:** 7000                      **GS ALT AT PFAF:** JOULE/4.75 DME/RADAR 7000                      **OM:**                      **MM:**                      **IM:**
- 7. **GS ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 55.0
- 8. **MSA FROM:** DVV VORTAC 8100

**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS. FROM KAILE, KIPPR OR TSHNR.

**EQUIPMENT REQUIREMENTS NOTES:**

DME OR RADAR REQUIRED.

**NOTES:**

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART SPEED ICON IN PLANVIEW AT TSHNR: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT KIPPR: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT KAILE: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**

CHART MANDATORY 13000 AT TSHNR  
 CHART MANDATORY 12000 AT KIPPR  
 CHART MANDATORY 11000 AT KAILE  
 CHART MANDATORY 12000 AT HISSY  
 CHART IN PROFILE VIEW: I-ACX DME ANTENNA.  
 HOLD N, LT, 197.00 INBOUND.  
 FAS OBST: 5447 AAO 395654N/1043933W.  
 CHART VDP AT 0.68 DME.  
 DISTANCE VDP TO THLD 0.86 NM.

**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
S-ILS 17R	5592	1800	200	5592	1800	200	5592	1800	200	5592	1800	200			
S-LOC 17R	5720	2400	328	5720	2400	328	5720	2600	328	5720	2600	328			



**CHANGES - REASONS**

1. TERMINAL ROUTES REMOVED I-ACX FROM ALL CONVENTIONAL FROM POINTS – NO LONGER REQUIRED IAW 8260.19J 8-6-4
2. TERMINAL ROUTES REMOVED I-ACX FROM ALL CONVENTIONAL TO POINTS – NO LONGER REQUIRED IAW 8260.19J 8-6-4
3. TERMINAL ROUTES ADDED (I-ACX) TO ALL CONVENTIONAL COURSE SEGMENTS – IAW 8260.19J 8-6-4
4. TERMINAL ROUTES INITIAL TSHNR TO KLING MAG BRG CHANGED FROM 100.51 TO 099.44 – FIX KLING RELOCATED TO MEET LEG LENGTH REQUIREMENTS
5. TERMINAL ROUTES INITIAL TSHNR TO KLING DISTANCE CHANGED FROM 3.14 NM TO 3.11 NM – FIX KLING RELOCATED TO MEET LEG LENGTH REQUIREMENTS
6. TERMINAL ROUTES INITIAL KLING TO HALDO DISTANCE CHANGED FROM 2.64 NM TO 2.73 NM – FIX KLING RELOCATED TO MEET LEG LENGTH REQUIREMENTS
7. TERMINAL ROUTES INTERMEDIATE STEPDOWN JOSEE TO JOULE TO POINT FIX MAKEUP CHANGED FROM "JOULE/I-ACX 4.73 DME/RADAR" TO "JOULE/I-ACX 4.75 DME/RADAR" – FINAL FIX JOULE RELOCATED TO ALIGN WITH ILS
8. TERMINAL ROUTES INTERMEDIATE STEPDOWN JOSEE TO JOULE DISTANCE CHANGED FROM 3.15 NM TO 3.14 NM – FINAL FIX JOULE RELOCATED TO ALIGN WITH ILS
9. MISSED APPROACH MAP LOC CHANGED FROM "4.91 NM AFTER JOULE/I-ACX 4.73 DME/RADAR OR AT I-ACX 0.18 DME" TO "4.92 NM AFTER JOULE/I-ACX 4.75 DME/RADAR OR AT I-ACX 0.18 DME" - IAW 8260.19J 8-6-6C & DUE TO FAF JOULE RELOCATED TO ALIGN WITH ILS DESIGN TCH
10. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 10000 ON HEADING 173 AND ON FQF VORTAC R-197 TO HOHUM INT/FQF 22.49 DME AND HOLD" TO "CLIMB TO 11000 ON HEADING 173 TO 4.15 DME BEFORE TURNING DIRECT FQF VORTAC AND ON FQF R-197 TO HOHUM INT/FQF 22.49 DME AND HOLD" – PER ATC REQUEST FOR REDESIGNED ILS MISSED FOR OPERATIONAL REQUIREMENTS
11. PROFILE LINE 2 CHANGED FROM "PROFILE STARTS AT HOOPE/I-ACX 17.83 DME/RADAR" TO "PROFILE STARTS AT HOOPE/17.83 DME/RADAR" - IAW 8260.19J 8-6-7
12. PROFILE LINE 3 CHANGED FROM "JOULE/I-ACX 4.73 DME/RADAR" TO "JOULE/4.75 DME/RADAR" – FAF JOULE RELOCATED TO ALIGN WITH ILS TCH
13. PROFILE LINE 3 DIST FAF TO MAP CHANGED FROM 4.91 NM TO 4.92 NM – FAF JOULE RELOCATED TO ALIGN WITH ILS TCH
14. PROFILE LINE 3 DIST FAF TO THLD CHANGED FROM 4.91 NM TO 4.92 NM – FAF JOULE RELOCATED TO ALIGN WITH ILS TCH
15. PROFILE LINE 4 CHANGED FROM "MIN ALT: HOOPE/I-ACX 17.83 DME/RADAR 11000, JAPEX/I-ACX 13.18 DME/RADAR 9600, JOMAG/I-ACX 11.14 DME/RADAR 9000, JOSEE/I-ACX 7.89 DME/RADAR 8000, JOULE/I-ACX 4.73 DME/RADAR 7000" TO "MIN ALT: HOOPE/17.83 DME/RADAR 11000, JAPEX/13.18 DME/RADAR 9600, JOMAG/11.14 DME/RADAR 9000, JOSEE/7.89 DME/RADAR 8000, JOULE/4.75 DME/RADAR 7000" – IAW 8260.19J 8-6-7
16. PROFILE LINE 5 REMOVED "200 HAT: 0.44" – NO LONGER REQUIRED
17. PROFILE LINE 6 CHANGED FROM "GS ALT AT FAF : JOULE/I-ACX 4.73 DME/RADAR 7000" TO "GS ALT AT PFAF: JOULE/4.75 DME/RADAR 7000" – IAW 8260.19J 8-6-7 AND FAF JOULE RELOCATED TO ALIGN WITH ILS TCH
18. PROFILE LINE 7 TCH CHANGED FROM 59.6 TO 55.0 – ILS REDESIGNED TO BE COINCIDENT WITH DESIGN TCH
19. PROFILE LINE 8 MSA FROM CHANGED FROM "DEN VOR/DME 9200" TO "DVV VORTAC 8100" – REMOVING DEN VOR/DME DUE TO PENDING DECOM AND CHANGING TO DVV VORTAC
20. PBN REQUIREMENTS NOTES CHANGED FROM "DME OR RADAR REQUIRED FOR LOC ONLY" TO "RNP APCH-GPS. FROM KAILE, KIPPR OR TSHNR" – IAW 8260.19J 8-6-8
21. EQUIPMENT REQUIREMENTS NOTES ADDED "DME OR RADAR REQUIRED" – IAW 8260.19J 8-6-8
22. NOTES ADDED "CHART SPEED ICON IN PLANVIEW AT KAILE: MAX 210 KIAS" – IAW 8260.19J 4-6-10 PROCEDURE CONNECTS TO STAR WITH SPEED RESTRICTION
23. NOTES ADDED "CHART SPEED ICON IN PLANVIEW AT KIPPR: MAX 210 KIAS" - IAW 8260.19J 4-6-10 PROCEDURE CONNECTS TO STAR WITH SPEED RESTRICTION
24. NOTES ADDED "CHART SPEED ICON IN PLANVIEW AT TSHNR: MAX 210 KIAS" - IAW 8260.19J 4-6-10 PROCEDURE CONNECTS TO STAR WITH SPEED RESTRICTION
25. NOTES REMOVED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-17R LOC CAT C/D VISIBILITY TO RVR 5500" – NO LONGER REQUIRED
26. ADDITIONAL FLIGHT DATA CHANGED FROM "CHART FAS OBST: 5455 TOWER 395214N/1043919W" TO "FAS OBST: 5447 AAO 395654N/1043933W" – NEW SURVEY & FINAL CONTROLLING OBSTACLE
27. ADDITIONAL FLIGHT DATA CHANGED FROM "CHART VDP AT 0.69 DME" TO "CHART VDP AT 0.68 DME" – NEW ILS TCH AND FAF RELOCATED
28. ADDITIONAL FLIGHT DATA REMOVED "LOC ONLY" – NO LONGER REQUIRED
29. ADDITIONAL FLIGHT DATA CHANGED FROM "HOLD N, RT, 197.00 INBOUND" TO "HOLD N, LT, 197.00 INBOUND" – MISSED HOLDING PATTERN REDESIGNED PER ATC REQUEST
30. MINIMUMS S-LOC 17R VIS CAT C & CAT D CHANGED FROM RVR 3000 TO RVR 2600 – IAW 8260.3G TABLE 3-3-1

10/31/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/14/2025:

1. MISSED APPROACH CHANGED FROM "CLIMB TO 11000 ON HEADING 173 TO 4.15 DME BEFORE TURNING DIRECT FQF VORTAC AND ON FQF R-197 TO HOHUM INT/FQF 22.49 DME AND HOLD" TO "CLIMB TO 11000 ON HEADING 173 TO I-ACX 4.15 DME SOUTH OF I-ACX BEFORE TURNING DIRECT FQF VORTAC AND ON FQF R-197 TO HOHUM INT/FQF 22.49 DME AND HOLD"

**COORDINATED WITH:**

A4A  
  ALPA  
  AOPA  
  APA  
  HAI  
  NBAA  
 OTHER: ZDZ, DEN ATCT, DEN APP CON, CO AERO, AMGR

**FLIGHT CHECKED BY**

COLTON CROWDER  
*Digitally signed by*  
**CASIMIR L TABAKA**  
 Jan 14, 2026

**OFFICE**

AJF

**DATE**

01/06/2026

**DEVELOPED BY**

CHARLES HIRST  
*Digitally signed by*  
**CASIMIR L TABAKA**  
 Jan 14, 2026

**OFFICE**

AJV-A431

**DATE**

07/10/2025

**APPROVED BY**

CASEY HILL  
*Digitally signed by*  
**CASIMIR L TABAKA**  
 Jan 14, 2026

**OFFICE**

AJV-A431

**DATE**

02/12/2026

**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 17R	<u>AMDT NO.</u> 4	<u>CITY</u> DENVER	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 5434	<u>FACILITY</u> I-ACX
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

**FROM** TSHNR **TO** KLING

RNP 1.00      DISTANCE 3.11      PAT      MAP      HAT      HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402321.00N/1044509.00W	5115	215	8	4B	1000				AT6885	13000
TERRAIN	402315.00N/1044003.00W	4865 (4900)								AS1500	6400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM** KIPPR **TO** TARIE

RNP 1.00      DISTANCE 2.92      PAT      MAP      HAT      HMAS

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:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 17R

**AMDT NO.**  
4

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-ACX

**INITIAL**

**FROM**  
KAILE

**TO**  
OVVAL

**RNP**  
1.00

**DISTANCE**  
3.52

**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>
TOWER (08-000570)	401540.90N/1044222.80W	5275	500	50	5D	1000				AT4725	11000
TERRAIN	401351.00N/1044309.00W	5055 (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**  
HISSY/20.57 DME/RADAR

**TO**  
HOOPE/17.83 DME/RADAR

**RNP**

**DISTANCE**  
2.75

**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	401015.00N/1044427.00W	5292	215	8	4B	1000				AT4708	11000
TERRAIN	401015.00N/1044157.00W	5091 (5100)								AS1500	6600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 17R

**AMDT NO.**  
4

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-ACX

**INITIAL: STEPDOWN**

**FROM** KLING **TO** HALDO

**RNP** 1.00 **DISTANCE** 2.73 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401654.00N/1044042.00W	5128	215	8	4B	1000				AT5872	12000
TERRAIN	401751.00N/1044012.00W	4885 (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** TARIE **TO** HALDO

**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	401715.00N/1044033.00W	5102	215	8	4B	1000				AT5898	12000
TERRAIN	401800.00N/1043603.00W	4872 (4900)								AS1500	6400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 17R

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4

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**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-ACX

**INITIAL: STEPDOWN**

**FROM**  
OVVAL

**TO**  
HOOPE/17.83 DME/RADAR

**RNP**  
1.00

**DISTANCE**  
5.71

**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>
TOWER (08-000570)	401540.90N/1044222.80W	5275	500	50	5D	1000				AT4725	11000
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**  
HALDO

**TO**  
HEETT

**RNP**  
1.00

**DISTANCE**  
2.09

**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	401542.00N/1044145.00W	5194	215	8	4B	1000				AT5806	12000
TERRAIN	401612.00N/1044124.00W	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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ILS OR LOC RWY 17R

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4

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-ACX

**INITIAL: STEPDOWN**

**FROM**  
HEETT

**TO**  
HISSY/20.57 DME/RADAR

**RNP**  
1.00

**DISTANCE**  
3.48

**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	401542.00N/1044145.00W	5194	215	8	4B	1000				AT5806	12000
TERRAIN	401542.00N/1044148.00W	4993 (5000)								AS1500	6500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
HOOPE/17.83 DME/RADAR

**TO**  
JAPEX/13.18 DME/RADAR

**RNP**

**DISTANCE**  
4.65

**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>
TOWER (08-000877)	400718.06N/1043617.87W	5469	20	10	1B	500				AT3631	9600
TERRAIN	400503.00N/1043824.00W	5003 (5000)								AS1500	6500

**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 17R

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**CITY**  
DENVER

**STATE**  
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5434

**FACILITY**  
I-ACX

**MISSED APPROACH: LOC**

**FROM**  
4.92 NM AFTER JOULE/4.75 DME/RADAR OR AT 0.18 DME

**TO**  
HOHUM INT/FQF 22.49 DME

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
5470

<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				11000
AAO	392048.00N/1044903.00W	6949	215	8	4B	1000					8000
TERRAIN	392048.00N/1044903.00W	6749 (6700)								AS1500	8200

**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

**MSA**

**CENTER**                      **RADIUS**  
DVV VORTAC                      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:**



**AIRPORT ID**  
DEN

**PROCEDURE NAME**  
ILS OR LOC RWY 17R

**AMDT NO.**  
4

**CITY**  
DENVER

**STATE**  
CO

**AIRPORT ELEVATION**  
5434

**FACILITY**  
I-ACX

**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-ACX	<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, TDZ, C/LINE, HIRL, PAPI-4R	PIR-null	APPROACH, ROLL OUT
RW08 - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW16L - MALSR, TDZ, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW16R - MALSR, TDZ, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW17L - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW17R - MALSR, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW25 - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW26 - MALSR, TDZ, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW34L - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW34R - ALSF-2, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW35L - ALSF-2, HIRL, TDZ, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW35R - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<b>GLIDESLOPE ANGLE</b> 3.00	<b>ELEV RWY THRESHOLD</b> 5377.9	<b>TCH</b> 55.0	<b>ELEV GS ANTENNA</b> 5378.0	<b>DISTANCE FROM RWY</b> 965	<b>VGSI ANGLE</b> 3.00	<b>TCH</b> 68.6
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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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**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.

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.

MAXIMUM VEGETATION HEIGHT OF 50 FT PER WESTERN FPT.

BLANKET CAPTURE FIX WAIVER "WAIVER TO ORDER 8260.58, UNITED STATES STANDARD FOR PERFORMANCE BASED NAVIGATION (PBN) INSTRUMENT PROCEDURE DESIGN, ON APPENDIX C PBN TRANSITION TO ILS/GLS/LPV FINAL" ON FILE

WAIVER: ATC VECTOR LEG LENGTH ISSUES; VECTOR ANGLE RESTRICTED AT KAILE, KIPPR AND TSHNR TO 45 DEGREES

INTERMEDIATE HOOPE JOULE LEG LENGTH IN EXCESS OF 10 NM PER ATC REQUEST & OPERATIONAL REQUIREMENTS

**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>	THLD	<b>TO 1000FT POINT</b>	3.04
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	0.88
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	180.53
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	5400
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	4.72
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	1.24
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	180.53
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	5400

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

395140.48N/1043936.56W

**ARP COORDINATES**

395142.00N/1044023.40W

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

RUNWAY 7 DISTANCE 2.77 NM

**FAF COORDINATES**

395635.89N/1043933.01W

**FIX NAME COORDINATES**

**REMARKS**

**PART E: PREPARED BY**

**NAME**

CHARLES HIRST

**OFFICE**

AJV-A431

**DATE**

07/10/2025

**TITLE**

AERONAUTICAL INFORMATION SPECIALIST



AIRPORT ID  
DEN

PROCEDURE NAME  
ILS OR LOC RWY 17R

AMDT NO.  
4

CITY  
DENVER

STATE  
CO

AIRPORT ELEVATION  
5434

FACILITY  
I-ACX

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QUALITY  
34  
CHECKED