

**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.

AIRPORT ID DEN	PROCEDURE NAME ILS OR LOC RWY 16L	ORIGINAL/AMENDMENT 4	CITY DENVER	STATE CO
AIRPORT ELEVATION 5434	TDZE 5357	SUPERSEDED ILS OR LOC RWY 16L	DATED 07/24/2014	MAG VAR 8E
FACILITY I-LTT	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
TSHNR	IAF	JAPEE		TF	FB	1.00	135.14	5.01	11500
KIPPR	IAF	HAYLY		TF	FB	1.00	248.52	4.63	12000
HAYLY		JAPEE		TF	FB	1.00	192.50	2.72	11500
JAPEE		JDIZL		TF	FB	1.00	172.51	2.50	10700
JDIZL		JEEPR/I-LTT 18.43 DME/RADAR		TF	FB	1.00	172.51	2.40	10000
KAILE	IAF	BJETN		TF	FB	1.00	106.63	3.02	10500
BJETN		JEEPR/I-LTT 18.43 DME/RADAR		TF	FB	1.00	142.90	2.41	10000
JEEPR/I-LTT 18.43 DME/RADAR	IAF	JOBOB/I-LTT 15.69 DME/RADAR					172.51 (I-LTT)	2.73	10000
JOBOB/I-LTT 15.69 DME/RADAR	IF	KUURT/I-LTT 11.83 DME/RADAR					172.51 (I-LTT)	3.87	9000
KUURT/I-LTT 11.83 DME/RADAR		KIKME/I-LTT 7.97 DME/RADAR					172.51 (I-LTT)	3.84	8000
KIKME/I-LTT 7.97 DME/RADAR		LEETS/I-LTT 4.84 DME/RADAR	PFAF				172.51 (I-LTT)	3.15	7000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.01 NM AFTER LEETS/I-LTT 4.84 DME/RADAR OR AT I-LTT 0.18 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 10000 ON HEADING 173.00 TO I-LTT 5.32 DME SOUTH OF I-LTT AND DVV VORTAC R-202 TO SIGNE INT/DVV 27.34 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT JEEPR/I-LTT 18.43 DME/RADAR
3. **FAC:** 172.51 **PFAF:** LEETS/I-LTT 4.84 DME/RADAR **DIST FAF TO MAP:** 5.01 **DIST FAF TO THLD:** 5.01
4. **MIN ALT:** JEEPR/I-LTT 18.43 DME/RADAR 10000, JOBOB/I-LTT 15.69 DME/RADAR 10000, KUURT/I-LTT 11.83 DME/RADAR 9000, KIKME/I-LTT 7.97 DME/RADAR 8000, LEETS/I-LTT 4.84 DME/RADAR 7000
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 994
6. **MIN GS INCPT:** 7000 **GS ALT AT PFAF:** LEETS/I-LTT 4.84 DME/RADAR 7000 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.6
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 NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 16L CAT C/D VISIBILITY TO RVR 4500.
 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.
 CHART SPEED ICON IN PLANVIEW AT JEEPR: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT JOBOB: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE I-LTT DME ANTENNA.
 HOLD N, RT, 202.38 INBOUND.
 FAS OBST: 5407 AAO 395754N/1044027W.
 CHART VDP AT 0.58 DME.
 DISTANCE VDP TO THLD 0.75 NM.
 CHART MANDATORY 13000 AT TSHNR.
 CHART MANDATORY 12000 AT KIPPR.
 CHART MANDATORY 10000 AT JEEPR.
 CHART MANDATORY 11000 AT KAILE.
 CHART MANDATORY 10000 AT JOBOB.

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 16L	5557	1800	200	5557	1800	200	5557	1800	200	5557	1800	200				
S-LOC 16L	5660	2400	303	5660	2400	303	5660	2400	303	5660	2400	303				

QUALITY
37
CHECKED

CHANGES - REASONS

1. ADDED RNP 1.00 TO SEGMENTS TSHNR-JAPEE, KIPPR-HAYLY, HAYLY-JAPEE, JAPEE-JDIZL, JDIZL-JEEPR, KAILE-BJETN, AND BJETN-JEEPR IN TERMINAL ROUTES - REQUIRED FOR RNAV LEGS PER 8260.19J PARA. 8-6-4A(6)(B).
2. ADDED FB (FLY BY) TO SEGMENTS HAYLY-JAPEE, JDIZL-JEEPR, AND BJETN-JEEPR IN TERMINAL ROUTES - REQUIRED FOR RNAV LEGS PER 8260.19J PARA. 8-6-4A(6)(A).
3. REMOVED TF FROM LEG TYPE COLUMN FOR SEGMENTS JEEPR-JOBOB, JOBOB-KUURT, KUURT-KIKME, AND KIKME-LEETS - RNAV LEG TYPE NOT USED ON CONVENTIONAL SEGMENTS.
4. CHANGED DISTANCE FROM KIKME TO PFAF LEETS FROM 3.15 TO 3.13 - PFAF MOVED 86 FT NORTH.
5. REPLACED PRIMARY MISSED APPROACH FROM "CLIMB TO 5900 THEN CLIMBING RIGHT TURN TO 12000 ON HEADING 218 AND ON FQF VORTAC R-254 TO BREWS/FQF 26.02 DME AND HOLD" WITH "CLIMB TO 10000 ON HEADING 173.00 TO I-LTT 5.32 DME SOUTH OF I-LTT AND DVV VORTAC R-202 TO SIGNE INT/DVV 27.34 DME AND HOLD" - REQUESTED BY ATC/FPT TO MEET TRIPLE WIDELY SPACED SIMULTANEOUS INDEPENDENT PARALLEL INSTRUMENT APPROACH (SIPIA) OPERATIONS CRITERIA.
6. REMOVED ALTERNATE MISSED APPROACH - NO LONGER REQUIRED PER ATC/FPT.
7. PROFILE LINE 7: CHANGED TCH FROM 60.1 TO NEW DESIGN TCH 55.6 - PER UPDATED AIRNAV DATA.
8. PFAF LEETS MOVED NORTH 86 FT - RESULT OF TCH CHANGE.
9. CHANGED FAF DESCRIPTION FROM LEETS/I-LTT 4.82 DME/RADAR TO LEETS/I-LTT 4.84 DME/RADAR IN PROFILE LINES 3 AND 4, AND DIST FAF TO MAP/THLD FROM 4.99 TO 5.01 IN PROFILE LINE 3 - RESULT OF PFAF RELOCATION.
10. REMOVED PROFILE NOTE "LOC ONLY" AND ASSOCIATED ASTERISKS FROM STEPDOWN FIX LUWEE/I-LTT 1.13 DME/RADAR AND VDP AT I-LTT 0.58 DME - NO LONGER REQUIRED BY CRITERIA.
11. PROFILE LINE 8: CHANGED MSA ORIGIN FROM DEN VOR/DME TO DVV VORTAC AND LOWERED ALTITUDE FROM 9200 TO 8100 - DEN VOR/DME SCHEDULED FOR DECOMMISSIONING AT A FUTURE DATE.
12. ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS. FROM KAILE, KIPPR OR TSHNR." - REQUIRED FOR RNAV INITIAL SEGMENTS PER 8260.19J PARA. 8-6-8D(5)(A)1.
13. ADDED EQUIPMENT REQUIREMENTS NOTE "DME OR RADAR REQUIRED." - DME REQUIRED TO FLY INTERMEDIATE SEGMENT AND MISSED APPROACH AND RADAR IS AVAILABLE PER 8260.19J PARA. 8-6-9A(2)(A) AND (3)(B).
14. REMOVED NOTES "DME REQUIRED", "S-LOC 16L DME OR RADAR REQUIRED" AND PLANVIEW NOTE "RADAR OR GPS REQUIRED" - REPLACED WITH PBN AND EQUIPMENT REQUIREMENTS NOTES.
15. CHANGED PROFILE NOTE FROM "VGSI AND ILS GLIDEPATH NOT COINCIDENT" TO "VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - PER 8260.19J PARA. 8-6-10M(1).
16. CHANGED NOTE "FOR INOPERATIVE MALSR, INCREASE S-LOC CAT C/D VISIBILITY TO RVR 4500" TO "FOR INOPERATIVE ALS, INCREASE S-LOC CAT C/D VISIBILITY TO RVR 4500" - PER 8260.19J PARA. 8-6-12O(3)(D).
17. REMOVED "CHART PLANVIEW NOTES AT TSHNR 210 KIAS, AT KIPPR 210 KIAS", AND "AT KAILE 210 KIAS" - REPLACED BY CHART SPEED ICON IN PLANVIEW NOTES.
18. REMOVED "CHART SPEED ICON IN PLANVIEW NOTES AT HAYLY, JAPEE, JDIZL, BJETN, JEEPR, JOBOB, KUURT, AND KIKME: MAX 210 KIAS" - REDUNDANT AND NOT REQUIRED.
19. REMOVED "CHART LOC RWY 17L AND 17R" FROM ADDITIONAL FLIGHT DATA - NO LONGER A CHARTING SPECIFICATION.
20. CHANGED MISSED HOLDING FROM "HOLD E, RT, 254.46 INBOUND" TO "HOLD N, RT, 202.38 INBOUND" IN ADDITIONAL FLIGHT DATA - MISSED APPROACH CLEARANCE LIMIT CHANGED FROM BREWS TO SIGNE AND HOLDING RADIAL ORIGINATING NAVAID CHANGED FROM FQF VORTAC TO DVV VORTAC.
21. CHANGED FAS OBST FROM 5399 TREE 395427N/1044058W TO 5407 AAO 395754N/1044027W IN ADDITIONAL FLIGHT DATA - REMOVAL OF STEPDOWN SEGMENT DEFAULTED TO FINAL SEGMENT OBSTACLE BECOMING NEW CONTROLLER.
22. REMOVED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE BREWS/DEN 25.87 DME, LT, 240.68 INBOUND" AND "CHART IN PLANVIEW: BREWS/DEN 25.87 DME" FROM ADDITIONAL FLIGHT DATA - ALTERNATE MISSED APPROACH REMOVED.
23. CHANGED LOC MISSED APPROACH POINT DESCRIPTION FROM "4.99 NM AFTER LEETS/I-LTT 4.82 DME/RADAR OR AT I-LTT 0.18 DME" TO "5.01 NM AFTER LEETS/I-LTT 4.84 DME/RADAR OR AT I-LTT 0.18 DME" - RESULT OF PFAF RELOCATION 86 FT NORTH.
24. MOVED FIX BJETN 199 FT NORTHWEST - MOVED TO LENGTHEN BJETN TO JEEPR SEGMENT TO SUPPORT ATC VECTORS.
25. REMOVED LOC STEPDOWN FIX LUWEE/I-LTT 1.13 DME/RADAR FROM TERMINAL ROUTES AND REMOVED LUWEE/I-LTT 1.13 DME/RADAR 5820 FROM PROFILE LINE 4 - NEW LOWER CONTROLLING OBSTACLE IN LOC FINAL ALLOWED REMOVAL WHILE STILL MAINTAINING CURRENT MDA/HAT 5660/303. COORDINATED WITH WESTERN FPT.
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 IAF IN FIX TYPE COLUMN FOR JEEPR/I-LTT 18.43 DME/RADAR IN TERMINAL ROUTES - PREVIOUSLY OMITTED AND PER 8260.19K PARA. 8-6-4A(1).



AIRPORT ID
DEN

PROCEDURE NAME
ILS OR LOC RWY 16L

ORIGINAL/AMENDMENT
4

CITY
DENVER

STATE
CO

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

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

FLIGHT CHECKED BY

NATHAN JAMES CHOTT

Digitally signed by

RAKE MCGRAW

Jan 16, 2026

OFFICE

AJF

DATE

DEVELOPED BY

RALPH DUMAR

Digitally signed by

RAKE MCGRAW

Jan 16, 2026

OFFICE

AJV-A422

DATE

07/09/2025

APPROVED BY

BEV L BORDY

Digitally signed by OFFICE

RAKE MCGRAW AJV-A4

Jan 16, 2026

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 16L	<u>AMDT NO.</u> 4	<u>CITY</u> DENVER	<u>STATE</u> CO	<u>AIRPORT ELEVATION</u> 5434	<u>FACILITY</u> I-LTT
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL
FROM TSHNR **TO** JAPEE

RNP 1.00 DISTANCE 5.01 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401612.00N/1044124.00W	5148	215	8	4B	1000				AT5352	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
FROM KIPPR **TO** HAYLY

RNP 1.00 DISTANCE 4.63 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:



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INITIAL: STEPDOWN

FROM
HAYLY **TO**
 JAPEE

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1.00 2.72

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401654.00N/1044042.00W	5128	215	8	4B	1000				AT5372	11500
TERRAIN	401718.00N/1044036.00W	4898 (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
JAPEE **TO**
 JDIZL

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1.00 2.50

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				AT4425	10700
TERRAIN	401451.00N/1044233.00W	5019 (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
I-LTT

INITIAL: STEPDOWN

FROM
JDIZL

TO
JEEPR/I-LTT 18.43 DME/RADAR

RNP
1.00

DISTANCE
2.40

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
BJETN

RNP
1.00

DISTANCE
3.02

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				AT4225	10500
TERRAIN	401400.00N/1044312.00W	5049 (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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5434

FACILITY
I-LTT

INITIAL: STEPDOWN

FROM
BJETN

TO
JEEPR/I-LTT 18.43 DME/RADAR

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
JEEPR/I-LTT 18.43 DME/RADAR

TO
JOBBOB/I-LTT 15.69 DME/RADAR

RNP

DISTANCE
2.73

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401015.00N/1044427.00W	5292	215	8	4B	1000				AT3708	10000
TERRAIN	401203.00N/1044333.00W	5065 (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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5434

FACILITY
I-LTT

FINAL: LOC

FROM
LEETS/I-LTT 4.84 DME/RADAR

TO
5.01 NM AFTER LEETS/I-LTT 4.84 DME/RADAR OR AT I-LTT 0.18 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	5.01		5.01 NM AFTER LEETS/I-LTT 4.84 DME/RADAR OR AT I-LTT 0.18 DME	303	

<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	395754.00N/1044027.00W	5407	215	8	4B	250					5660

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM
DA

TO
SIGNE INT/DVV 27.34 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
					5386

<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>
							ASC				10000
AAO	392842.00N/1045212.00W	6624	215	8	4B	1000					7700
TERRAIN	392842.00N/1045212.00W	6423 (6400)								AS1500	7900

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



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AIRPORT ELEVATION
5434

FACILITY
I-LTT

MISSED APPROACH: LOC

FROM
5.01 NM AFTER LEETS/I-LTT 4.84 DME/RADAR OR AT I-LTT 0.18 DME

TO
SIGNE INT/DVV 27.34 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
5410

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	392842.00N/1045212.00W	6624	215	8	4B	1000					7700
TERRAIN	392842.00N/1045212.00W	6423 (6400)								AS1500	7900

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

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
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

MISSED APPROACH PER ATC REQUEST

THE MAXIMUM TREE HEIGHT WITHIN 10NM OF DEN IS 50FT AGL.

CIRCLING NA: DEN ATCT

ALTERNATE MISSED APPROACH NOT REQUIRED PER ATC/FPT. WHEN DVV VORTAC OUT OF SERVICE, NOTAM PERMITTING AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS TO FLY MISSED APPROACH WILL BE ISSUED.



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AMDT NO.
4

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5434

FACILITY
I-LTT

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

DEN TOWER, ZDV ARTCC, DEN APP CON

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

24-HOUR ATC TOWER HAS REDUNDANT WEATHER SOURCES, BACK-UP ALTIMETER NOT REQUIRED.

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

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 5349.9	<u>TCH</u> 55.6	<u>ELEV GS ANTENNA</u> 5346.5	<u>DISTANCE FROM RWY</u> 994	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 70.9
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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

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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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.

WAIVERS:
INITIAL SEGMENT KALIE TO BJETN: ATC VECTOR LEG LENGTH ISSUES; VECTOR ANGLE RESTRICTED AT KAILE TO 45 DEGREES.

APPROVAL LETTER:
MANDATORY ALTITUDE AT INTERMEDIATE FIX JOBOB.

INFO ONLY: PRE-EXISTING BLANKET WAIVER FROM AFS 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.

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	2.94
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.85
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.51
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	5400
DISTANCE FROM	THLD	TO 1500FT POINT	4.59
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.21
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.51
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	5400

THRESHOLD COORDINATES (IF STR-IN) 395349.33N/1044112.50W
ARP COORDINATES 395142.00N/1044023.40W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 7 DISTANCE 2.77 NM
FAF COORDINATES 395849.90N/1044109.02W
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RALPH DUMAR	AJV-A422	07/09/2025	AERONAUTICAL INFORMATION SPECIALIST

