

**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.

<u>AIRPORT ID</u> DEN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> DENVER	<u>STATE</u> CO		
<u>AIRPORT ELEVATION</u> 5434	<u>TDZE</u> 5327	<u>SUPERSEDED</u> ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-DXU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
BOSSS	IAF	PAAAS		TF	FB	1.00	279.35	3.30	12000
PAAAS		AJAKS		TF	FB	1.00	315.30	3.37	11000
LDORA	IAF	FLUFF		TF	FB	1.00	063.75	3.13	12000
FLUFF		AJAKS		TF	FB	1.00	011.49	3.20	11000
AJAKS		COGGG/I-DXU 24.81 DME/RADAR		TF	FB	1.00	352.51	3.48	10000
TELLR	IAF	ALPNE		TF	FB	1.00	061.39	2.02	10500
ALPNE		COGGG/I-DXU 24.81 DME/RADAR		TF	FB	1.00	014.99	2.48	10000
COGGG/I-DXU 24.81 DME/RADAR		KALHR/I-DXU 21.90 DME/RADAR					352.51 (I-DXU)	2.91	10000
KALHR/I-DXU 21.90 DME/RADAR	IF	MERKL/I-DXU 18.66 DME/RADAR					352.51 (I-DXU)	3.24	10000
MERKL/I-DXU 18.66 DME/RADAR		RNOLD/I-DXU 14.59 DME/RADAR					352.51 (I-DXU)	4.08	9000
RNOLD/I-DXU 14.59 DME/RADAR		WINTR INT/I-DXU 7.91 DME/RADAR					352.51 (I-DXU)	6.68	7000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.10 NM AFTER WINTR INT/I-DXU 7.91 DME/RADAR OR AT I-DXU 2.81 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5800 THEN CLIMBING LEFT TURN TO 11000 ON HEADING 270 AND ON FQF VORTAC R-306 TO HYGEN/FQF 37.90 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)														
2.	PROFILE STARTS AT KALHR/I-DXU 21.90 DME/RADAR																			
3.	FAC:	352.51	FAF:	WINTR INT/I-DXU 7.91 DME/RADAR	DIST FAF TO MAP:	5.10	DIST FAF TO THLD:	5.10												
4.	MIN ALT:	KALHR/I-DXU 21.90 DME/RADAR 10000, MERKL/I-DXU 18.66 DME/RADAR 10000, RNOLD/I-DXU 14.59 DME/RADAR 9000, WINTR INT/I-DXU 7.91 DME/RADAR 7000, WOGIN/I-DXU 5.01 DME/RADAR 6060																		
5.	DIST TO THLD FROM OM:		MM:		IM:	860.00	100 HAT:	954.00	150 HAT:	1908.00	GS ANT:	1090								
6.	MIN GS INCPT:	7000	GS ALT AT PFAF:	WINTR INT/I-DXU 7.91 DME/RADAR 7000	OM:						MM:		IM:	5422						
7.	GS ANGLE:	3.00	34:1:		20:1:		TCH:	54.9												
8.	MSA FROM:	DVV VORTAC 8100																		

PBN REQUIREMENTS NOTE:

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

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 34L: CAT A, B, C, D, RA 148, RVR 1400, HAT 150, DA 5477 MSL
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 34L: CAT A, B, C, D, RA 108, RVR 1200, HAT 100, DA 5427 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 34L: CAT A, B, C, D, RVR 300
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC CAT C AND D VISIBILITY TO RVR 5500.
CHART SPEED ICON IN PLANVIEW AT BOSSS: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LDORA: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT TELLR: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 306.00 INBOUND.
CHART FAS OBST: 5437 TERRAIN (08-043146) 394937N/1044128W.
CHART 5463 BUILDING (08-098567) 394832N/1044130W.
CHART VDP AT 3.76 DME.
DISTANCE VDP TO THLD 0.95 NM.
CHART MANDATORY 12000 AT BOSSS.
CHART MANDATORY 13000 AT LDORA.
CHART MANDATORY 11000 AT TELLR.
CHART MANDATORY 10000 AT COGGG.
CHART MANDATORY 10000 AT MERKL.



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 34L	5527	1800	200	5527	1800	200	5527	1800	200	5527	1800	200			
S-LOC 34L	5700	2400	373	5700	2400	373	5700	3500	373	5700	3500	373			

CHANGES - REASONS

1. TERMINAL ROUTES UPDATED TELLR TO ALPNE FROM 048.74 AND 2.17 TO 061.39 AND 2.02 AND ALPNE TO COGGG FROM 022.04 AND 2.08 TO 014.99 AND 2.48 - MOVED FIX ALPNE.
2. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 5800 THEN CLIMBING LEFT TURN TO 10000 ON HEADING 270 AND FQF VORTAC R-306 TO HYGEN/FQF 37.90 DME/RADAR AND HOLD TO CLIMB TO 5800 THEN CLIMBING LEFT TURN TO 11000 ON HEADING 270 AND FQF VORTAC R-306 TO HYGEN/FQF 37.90 DME/RADAR AND HOLD - ATC REQUEST NEW MISSED HOLDING ATLITUDE FOR SEPERATION.
3. ALTERNATE MISSED APPROACH REMOVED - ATC REQUESTED NO LONGER NEEDED.
4. PROFILE LINE 8 MSA CHANGED FROM DEN VOR/DME 9200 TO DVV VOR/DME 8100 - DEN VOR DECOM NEW CONTROLLING OBSTACLE.
5. NOTES UPDATED FROM CHART PLANVIEW NOTE AT LDORA: 210 KIAS, CHART PLANVIEW NOTE AT BOSSS: 210 KIAS, CHART PLANVIEW NOTE AT TELLR: 210 KIAS TO CHART SPEED ICON IN PLANVIEW AT BOSSS: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT LDORA: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT TELLR: MAX 210 KIAS - IAW 8260.19J 4-6-10 G.
6. EQUIPMENT REQUIREMENTS NOTES REMOVED RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY - NO LONGER REQUIRED.
7. EQUIPMENT REQUIRMENTS NOTES CHANGED FROM LDORA, BOSSS, TELLR: RNAV 1-GPS REQUIRED TO RNP APCH-GPS. FROM LDORA, BOSSS, TELLR AND MOVED TO PBN REQUIREMENTS NOTES - IAW 8260.19K 4-5-3 D 2
8 ADDITIONAL FLIGHT DATA REMOVED CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE HYGEN/DEN 31.49 DME/RADAR, RT, 302.30 INBOUND - ATC REQUEST REMOVAL OF ALTERNATE MISSED.
9. ADDITIONAL FLIGHT DATA UPDATED 7:1 FROM CHART 5440 POLE 394828N/1044120W TO CHART 5463 BUILDING (08-098567) 394832N/1044130W - UPDATED EVALUATION.
10. ADDITIONAL FLIGHT DATA UPDATED FROM MANDATORY 12000 AT BOSSS, MANDATORY 13000 AT LDORA, MANDATORY 11000 AT TELLR, MANDATORY 10000 AT COGGG, MANDATORY 10000 AT MERKL TO CHART MANDATORY 12000 AT BOSSS, CHART MANDATORY 13000 AT LDORA, CHART MANDATORY 11000 AT TELLR, CHART MANDATORY 10000 AT COGGG, CHART MANDATORY 10000 AT MERKL - IAW 8260.19J 8-6-11 N.
11. ADDITIONAL FLIGHT DATA REMOVED CHART IN PLANVIEW: HYGEN/DEN 31.49 DME/RADAR - REMOVED ALTERNATE MISSED PER FPT.

10/08/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/15/25.
1. ADDITIONAL FLIGHT DATA REMOVED CHART LOC RWY 35L/R.

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

12/18/2025

DEVELOPED BY

JOSHUA DUGAN

Digitally signed by

ROBERT G HAMILTON

Jan 14, 2026

OFFICE

AJV-A433

DATE

07/15/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Jan 14, 2026

OFFICE

AJV-A433

DATE

02/12/2026

TITLE

MANAGER

