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	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1882	1871	ILS Z OR LOC Z RWY 26	14E	06/15/2023	2W	1990

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-CSV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HCH VOR/DME		HYDER OM/INT	FAF/IAF				002.91	11.80	4700

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.66 NM AFTER HYDER OM/INT OR AT (CFBWP)

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 152 AND HCH VOR/DME R-297 TO HCH VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** L **SIDE OF COURSE** 075.46 **OUTBOUND** 4100 **FT WITHIN** 10 **MILES OF** HYDER OM/INT (IAF)
2.
3. **FAC:** 255.46 **FAF:** HYDER OM/INT **DIST FAF TO MAP:** 4.66 **DIST FAF TO THLD:** 5.16
4. **MIN ALT:** SAYCO INT 4100, HYDER OM/INT 3600
5. **DIST TO THLD FROM OM:** 5.16 **MM:** **IM:** **150 HAT:** **GS ANT:** 1077
6. **MIN GS INCPT:** 3600 **GS ALT AT PFAF:** GP INTCP **OM:** 3557 **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 60.0
8. **MSA FROM:** HCH VOR/DME 4300

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2500.
CHART PROFILE NOTE: LOC UNUSABLE INSIDE 0.5 NM.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: HCH 11.80 DME AT HYDER OM/INT.

HOLD SE, RT, 335.04 INBOUND.
FAS OBST: 2189 AAO 355906N/0845912W.
CHART CIRCLING ICON.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 26	2121	3/4	250	2121	3/4	250	2121	3/4	250	2121	3/4	250			
S-LOC 26	2440	1	569	2440	1	569	2440	1 5/8	569	2440	1 5/8	569			
CIRCLING	2440	1	558	2440	1	558	2440	1 5/8	558	2540	2	658			

CHANGES - REASONS

1. MISSED APPROACH INSTRUCTIONS: CHANGED FROM “CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 180 AND HCH VOR/DME R-303 TO HCH VOR/DME AND HOLD” TO “CLIMB TO 3300 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 152 AND HCH VOR/DME R-297 TO HCH VOR/DME AND HOLD” – REDESIGNED TO AVOID CIH.
2. PROFILE LINE 1: CHANGED PT TURN COMPLETION ALTITUDE FROM “4300” TO “4100” – IAW 8260.3, 10-1-3. B.
3. PROFILE LINE 5 DIST TO GS ANT CHANGED FROM “1075” TO “1077” – NEW SURVEY.
4. PROFILE LINE 6: ADDED “GS ALT AT PFAF GP INTCP” AND CHANGED MIN GS INCPT AT OM FROM “3595” TO “3557” – IAW 8260.19J, 8-7-1. B. (2)/NEW TARGETS CALCULATION.
5. NOTES: REMOVED “PROCEDURE NA AT NIGHT” AND RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED – 20:1 FENCE IS LIGHTED AND 34:1 IS CLEAR.
6. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM “FAS OBST: 2179 AAO 355859N/0845926W” TO “FAS OBST: 2189 AAO 355906N/0845912W” – NEW OBSTACLE EVALUATION.
7. MINIMUMS: CHANGED S-ILS 26 VISIBILITY FROM 1 TO 3/4 - OCS PENETRATIONS REMOVED.

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [ ] **HAI** [ ] **NBAA** [X] **OTHER:** AMGR, EFPT, ZTL

FLIGHT CHECKED BY	*Digitally signed by* ***JOSEPH L ZEDER*** Oct 10, 2024	**OFFICE**	**DATE**
ROBERT E WILLIAMS		FPO	10/04/2024
DEVELOPED BY	*Digitally signed by* ***APRIL T SARMENTO*** Aug 20, 2024	**OFFICE**	**DATE**
APRIL SARMENTO		AJV-A432	07/08/2024
APPROVED BY	*Digitally signed by* ***JOSEPH L ZEDER*** Oct 10, 2024	**OFFICE**	**DATE**
CASIMIR L. TABAKA		AJV-A432	

TITLE
MANAGER

QUALITY 29 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
HCH VOR/DME

TO
HYDER OM/INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	11.80				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	354654.00N/0845842.00W	3142	215	8	4B	2000				MT-500	4700
TERRAIN	354654.00N/0845842.00W	3041 (3000)								AS1500	4500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM
10 NM

TO
SAYCO INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	6.04				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	355721.00N/0844715.00W	2930	215	8	4B	500				RA4 SA-112	3400
TERRAIN	355745.00N/0844645.00W	2611 (2600)								AS1500	4100

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

INTERMEDIATE: PT STEPDOWN

FROM	TO
SAYCO INT	HYDER OM/INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.96				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (47-001417)	360051.00N/0845333.00W	2336	500	125	5E	500				AC125 RA4 DG635	3600
TERRAIN	360006.00N/0845357.00W	2014 (2000)								AS1500	3500

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: ILS

FROM	TO
HYDER OM/INT	RW26

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.12		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (47-125797)	355718.21N/0850433.67W	1923	20	3	1A		34.00:1			SA-39	2121

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

FINAL: LOC

FROM	TO
HYDER OM/INT	4.66 NM AFTER HYDER OM/INT OR AT (CFBWP)

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.66		4.66 NM AFTER HYDER OM/INT OR AT (CFBWP)	569	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	355906.00N/0845912.00W	2189	215	8	4B	250					2440

COMPUTATIONS

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

SEGMENT REMARKS:

PROCEDURE TURN

FROM	TO
HYDER OM/INT	10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	355718.00N/0844718.00W	2937	215	8	4B	1000				AT163	4100
TERRAIN	355718.00N/0844718.00W	2736 (2700)								AS1000	3700

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

MISSED APPROACH: ILS

FROM	TO
DA	HCH VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1926

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
AAO	354654.00N/0845842.00W	3242	215	8	4B	1000					4300
TERRAIN	354654.00N/0845842.00W	3041 (3000)								AS1500	4500

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM	TO
4.66 NM AFTER HYDER OM/INT OR AT (CFBWP)	HCH VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					2190

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
AAO	354654.00N/0845842.00W	3242	215	8	4B	1000					4300
TERRAIN	354654.00N/0845842.00W	3041 (3000)								AS1500	4500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	355715.00N/0850700.00W	1.32	558	2026	215	8	4B	300		SI	2440
CATEGORY B											
TOWER (47-001680)	355735.00N/0850746.00W	1.87	558	2090	50	20	2C	300		SI	2440
CATEGORY C											
TOWER (47-115959)	355947.34N/0850630.72W	2.95	558	2094	20	3	1A	300		SI	2440
CATEGORY D											
TOWER (47-002237)	355307.16N/0850500.98W	3.86	658	2240	50	20	2C	300			2540

CIRCLING REMARKS:

MSA

CENTER	RADIUS
HCH VOR/DME	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	354651.00N/0845842.00W	154	00.0	3241	215	8	4B	1000			4300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZTL ARTCC, BNA FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	CSV	24	CSV	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3	RKW	24	RKW	19.33	Y	339

WX REMARKS:

RASS PRESSURE PATTERNS NOT THE SAME.
HIGH TERRAIN 2835, LOW TERRAIN 735
RA = 338.5.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-CSV	AOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW08 - HIRL (PCL), VASI-4R	PIR-G	
RW26 - HIRL (PCL), REIL, PAPI-4L	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1866.9	60.0	1865.7	1077	3.00	60.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:
CIRCLING RWY 8: 20:1 PENETRATION IS LIGHTED - [1887 FENCE (47-125779) 355654.4000N/0850539.6700W (3.58)].

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

USED 100 FT VEGETATION.

PER FLIGHT CHECK REPORTS, THE LOCALIZER IS UNUSABLE INSIDE 0.5NM; CHARTED CNF AT 0.05 FROM LTP FOR THAT REASON.

ATC REQUESTS NO ALTERNATE MISSED APPROACH DUE TO LIMITED NAVAID AVAILABILITY.

CONTINGENCY ALTIMETER: KRKW
BACKUP ALTIMETER NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RKW ALTIMETER SETTING AND INCREASE S-ILS 26 DA TO 2460 FEET AND ALL VISIBILITIES 1 SM. INCREASE ALL MDAS 340 FEET AND S-LOC 26 CAT A AND B VISIBILITIES 1/4 SM AND CAT C AND D VISIBILITIES 7/8 SM, AND CIRCLING CAT A AND B VISIBILITIES 1/4 SM, CAT C VISIBILITY 1 1/8 SM, AND CAT D VISIBILITY 1 SM.

CIRCLING RWY 8 20:1 PENETRATION IS LIGHTED PER AIRPORT MANAGER/FPT 7/2024 - [1887 FENCE (47-125779) 355654.4000N/0850539.6700W (3.58)].

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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**	3.37
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	0.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	253.46
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	2000
DISTANCE FROM	FAF	**TO 1500FT POINT**	6.13
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	10.60
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	253.46
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	2600

THRESHOLD COORDINATES (IF STR-IN)	355712.28N/0850434.31W
ARP COORDINATES	355704.65N/0850505.92W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 8 DISTANCE 0.45 NM
FAF COORDINATES	355840.41N/0845828.59W
FIX NAME COORDINATES	

REMARKS

INTERMEDIATE CALC: HIGH TERRAIN IN IF AT PT TURN = 2600 +1500=4100: IF AT PT TURN = 4700-4100=600/500= 1.2 NM INBOUND FROM IF/IAF (IF DIST = 11.80) (11.80NM - 1.20NM = 10.60NM) DIST FROM FAF = 10.60.

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CSV	ILS Z OR LOC Z RWY 26	15	CROSSVILLE	TN	1882	I-CSV

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
APRIL SARMENTO	AJV-A432	07/08/2024	AERONAUTICAL INFORMATION SPECIALIST