

**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> CVN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> CLOVIS	<u>STATE</u> NM
<u>AIRPORT ELEVATION</u> 4216	<u>TDZE</u> 4205	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>
<u>FACILITY</u> I-CVN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9E
				<u>EPOCH YEAR</u> 2000
				<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>
TXO VORTAC		ZAZPY/I-CVN 14.31 DME					227.09	25.00	6300
KEBYO/TXO 25.00 DME CW	IAF	ZAZPY/I-CVN 14.31 DME	NOPT				25.00 DME ARC (TXO LR-222)		6300
ZAZPY/I-CVN 14.31 DME	IF/IAF	TYOWN/I-CVN 8.07 DME					036.60 (I-CVN)	6.24	6300

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 6.44 NM AFTER TYOWN/I-CVN 8.07 DME OR AT I-CVN 1.62 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4700 THEN CLIMBING RIGHT TURN TO 6000 DIRECT TXO VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- |   |  |                              |                               |                     |              |
|---|--|------------------------------|-------------------------------|---------------------|--------------|
| 1. <b>PT</b>  | <b>SIDE OF COURSE</b>                            | <b>OUTBOUND</b>              | <b>FT WITHIN</b>              | <b>MILES OF</b>     | <b>(IAF)</b> |
| 2. HOLD SW ZAZPY/I-CVN 14.31 DME, RT, 036.60 INBOUND, 6300 IN LIEU OF PT (IAF), MAX 6300.           |  |                              |                               |                     |              |
| 3. <b>FAC:</b> 036.60   | <b>FAF:</b> TYOWN/I-CVN 8.07 DME                 | <b>DIST FAF TO MAP:</b> 6.44 | <b>DIST FAF TO THLD:</b> 6.44 |                     |              |
| 4. <b>MIN ALT:</b> ZAZPY/I-CVN 14.31 DME 6300, TYOWN/I-CVN 8.07 DME 6300, WATIM/I-CVN 3.04 DME 4700 |  |                              |                               |                     |              |
| 5. <b>DIST TO THLD FROM OM:</b>   | <b>MM:</b>                                       | <b>IM:</b>                   | <b>150 HAT:</b>               | <b>GS ANT:</b> 1100 |              |
| 6. <b>MIN GS INCPT:</b> 6300  | <b>GS ALT AT PFAF:</b> TYOWN/I-CVN 8.07 DME 6300 |                              |                               | <b>OM:</b>          | <b>MM:</b>   |
| 7. <b>GS ANGLE:</b> 3.00  | <b>34:1:</b>                                     | <b>20:1:</b>                 | <b>TCH:</b> 53.2              |                     | <b>IM:</b>   |
| 8. <b>MSA FROM:</b> TXO VORTAC 6100   |  |                              |                               |                     |              |



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KEYBY ON V280 SOUTHWEST BOUND.  
CHART PROFILE NOTE: USE I-CVN DME WHEN ON THE LOCALIZER COURSE.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C/D VISIBILITY TO 1 SM.

**ADDITIONAL FLIGHT DATA:**

CHART KCVS IN PLANVIEW.  
CHART 4306 ANTENNA (35-028706) 342354N/1030629W.  
HOLD NE, RT, 241.62 INBOUND.  
CHART FAS OBST: 4301 ELEVATOR (35-028708) 342416N/1030604W.  
CHART TXO R-207 AT KEYBY.

**MINIMUMS:**

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

ALTERNATE: NA

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 04	4405	1/2	200	4405	1/2	200	4405	1/2	200	4405	1/2	200				
S-LOC 04	4560	1/2	355	4560	1/2	355	4560	5/8	355	4560	5/8	355				
CIRCLING	4680	1	464	4680	1	464	4700	1 1/2	484	4820	2	604				

**CHANGES - REASONS**

ORIGINAL PROCEDURE.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA

**OTHER:** ST AV DIR, AMGR, ZAB, CANNON AFB APP CON.

**FLIGHT CHECKED BY**

MATTHEW A HAUG

*Digitally signed by*  
**CASEY D HILL**  
May 26, 2026

**OFFICE**

AJF

**DATE**

05/20/2026

**DEVELOPED BY**

TIMOTHY JOHNSON

*Digitally signed by*  
**CASEY D HILL**  
May 26, 2026

**OFFICE**

AJV-A431

**DATE**

01/28/2026

**APPROVED BY**

CASEY HILL

*Digitally signed by*  
**CASEY D HILL**  
May 26, 2026

**OFFICE**

AJV-A431

**DATE**

**TITLE**  
MANAGER











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**STATE**  
NM

**AIRPORT ELEVATION**  
4216

**FACILITY**  
I-CVN

**MISSED APPROACH: LOC**

**FROM**  
6.44 NM AFTER TYOWN/I-CVN 8.07 DME OR AT I-CVN 1.62 DME

**TO**  
TXO VORTAC

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
4310

<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				6000
TOWER (48-001675)	343109.00N/1025244.00W	4555	100	20	3C	1000					5600
TERRAIN	342642.00N/1030421.00W	4229 (4200)								AS1500	5700

**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

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>RADIUS</b>	<b>HAA</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>
CATEGORY A											
VERTICAL_STRUCTURE (35-023670)	342716.00N/1030334.00W	1.37	464	4345	50	20	2C	300		XP35	4680
CATEGORY B											
TRANSMISSION_LINE (35-031394)	342702.89N/1030701.97W	1.96	464	4367	50	20	2C	300			4680
CATEGORY C											
TRANSMISSION_LINE (35-022565)	342729.16N/1030701.61W	3.10	484	4383	20	3	1A	300			4700
CATEGORY D											
AAO	342824.00N/1030845.00W	4.07	604	4519	50	20	2C	300			4820

**CIRCLING REMARKS:**

XP: MATCH OTHER CIRCLING PROCEDURES AT KCVN



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**MSA**

**CENTER** TXO VORTAC **RADIUS** 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (35-022532)	344450.00N/1032010.49W	291	28.9	5074	20	3	1A	1000			6100

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

ABQ FSS, ZAB ARTCC, CANNON APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	CVN	24	CVN		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ATIS	CVS	24	CVS	12.44	Y	40

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
CVN 4216, CVS 4295  
RA = 39.8

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-CVN			

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW26		
RW08		
RW12 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-G	
RW22 - MIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW30 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-G	
RW04 - MALSR (PCL), MIRL (PCL), PAPI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	4194.3	53.2	4189.9	1100	3.00	53.4

**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**



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**CRITICAL LOW**

**CRITICAL HIGH**

**ACT**

**APT ISA**

**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:**

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CVS ALTIMETER SETTING AND INCREASE S-ILS 04 DA TO 4445 FEET; INCREASE ALL MDAS 40 FEET.

VDP NOT ESTABLISHED - VDP IS LOCATED WITHIN 0.5 NM FROM FINAL FIX.

VEGETATION HEIGHT: 30 FT, PER FPT CHECKLIST.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 4306 ANTENNA (35-028706) 342354N/1030629W.

NO ALTERNATE MISSED APPROACH, PER FPT.

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**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	2.99
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	0.87
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	045.60
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	4200
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	5.24
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	1.35
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	045.60
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	4200

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

342519.53N/1030503.16W

**ARP COORDINATES**

342535.72N/1030439.29W

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

RUNWAY 22 DISTANCE 0.76 NM

**FAF COORDINATES**

342048.42N/1031036.78W

**FIX NAME COORDINATES**

**REMARKS**



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I-CVN

**PART E: PREPARED BY**

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