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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
CSI VORTAC

TO
BIBRE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	19.37				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	295318.00N/0991348.00W	2382	215	8	4B	1000				AT718	4100
TERRAIN	295318.00N/0991348.00W	2181 (2200)								AS1500	3700

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
BIBRE

TO
JEDOL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	11.67				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	293806.00N/0985536.00W	1785	215	8	4B	1000				AT215	3000
TERRAIN	293806.00N/0985536.00W	1584 (1600)								AS1000	2600

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
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

INTERMEDIATE

FROM	TO
JEDOL	FIMUL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	292957.00N/0985506.00W	1329	215	8	4B	500					1900
TERRAIN	292451.00N/0985133.00W	1003 (1000)								AS1000	2000

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM	TO
FIMUL	RW16

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.72		DA	426	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (48-122999)	292114.85N/0985120.92W	838	20	3	1A		34.00:1			DG362	1200

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
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

FINAL: LNAV/VNAV

FROM	TO
FIMUL	RW16

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.72		DA	410	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	292209.00N/0985100.00W	897	250	8	4B					AC8 DG279	1184

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
FIMUL	POCPO/2.30 NM TO RW16

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.42				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	292415.00N/0985139.00W	1208	215	8	4B	250				RA60 DG20	1540

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
POCPO/2.30 NM TO RW16	RW16

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.30		RW16	506	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	292333.00N/0985133.00W	1015	250	10	4B	250					1280

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
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

MISSED APPROACH: LPV

FROM	TO
DA	SHEOL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					936

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (48-023419)	291335.38N/0985038.25W	1041	250	50	4D	1000					2100
TERRAIN	291848.00N/0985139.00W	902 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM	TO
DA	SHEOL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1034

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (48-023419)	291335.38N/0985038.25W	1041	250	50	4D	1000					2100
TERRAIN	291848.00N/0985139.00W	902 (900)								AS1500	2400

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
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW16	SHEOL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1180

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (48-023419)	291335.38N/0985038.25W	1041	250	50	4D	1000					2100
TERRAIN	291848.00N/0985139.00W	902 (900)								AS1500	2400

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	292209.00N/0985100.00W	1.30	506	897	250	10	4B	300		SI	1280
CATEGORY B											
TOWER (48-010747)	292051.00N/0985305.00W	1.83	606	1020	250	50	4D	300		AC50	1380
CATEGORY C											
TOWER (48-010231)	292045.00N/0985356.00W	2.88	806	1262	50	20	2C	300			1580

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW16	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (48-005142)	293639.00N/0985334.00W	349	15.8	3049	500	125	5E	1000			4100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

COMMUNICATIONS WITH

SJT FSS, SAT APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	CVB	24	CVB		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ATIS	SKF	24	SKF	14.38	Y	45

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCVB 774, KSKF 691
RA = 44.8

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW16 - MIRL (PCL), PAPI-2L	NPI-G	
RW34 - MIRL (PCL), PAPI-2L	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	773.9	40.0			3.00	40.0

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
-16C	+54C	-16C	+13.47C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 827 HIGH TEMP 1175.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, NPA
34:1	
838 TREE (48-122999) 292114.8500N/0985120.9200W (10.96)	
PENETRATIONS REMARKS:	

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVB	RNAV (GPS) RWY 16	2	CASTROVILLE	TX	774	RNAV

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.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SKF ALTIMETER SETTING AND INCREASE LPV DA TO 1245 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1229 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
VDP AND BARO-VNAV NA WHEN USING SKF ALTIMETER SETTING.
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**	3.72
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	2.14
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	160.97
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1000
DISTANCE FROM	THLD	**TO 1500FT POINT**	9.67
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	4.00
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	160.92
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	1600

THRESHOLD COORDINATES (IF STR-IN)	292056.05N/0985113.58W
ARP COORDINATES	292032.60N/0985104.40W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 16 DISTANCE 0.41 NM
FAF COORDINATES	292427.86N/0985236.97W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ALLAN WILL (ANTOINE DAVENPORT)	AJV-A33	01/07/2026	AERONAUTICAL INFORMATION SPECIALIST