

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
PTV	VOR-A	ORIG	PORTERVILLE	CA		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
443			NONE		16E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
TTE	355446.98N/1190114.91W		ROUTINE			

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>
EHF VORTAC	IAF	DUCOR INT/19.22 DME	NOPT				004.00	19.22	3100
WRING INT/25.00 DME	IAF	JIBCU/15.72 DME	NOPT				327.49 (TTE R-147)	9.28	4500
JIBCU/15.72 DME		MAFHA/12.92 DME					327.49 (TTE R-147)	2.80	3700
MAFHA/12.92 DME		DUCOR INT/19.22 DME					327.49 (TTE R-147)	5.20	3100
DUCOR INT/19.22 DME	IF	TTE VOR/DME					327.49	7.72	2500

MISSED APPROACH

MAP:

MARCD/6.84 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3400 DIRECT TTE VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT R SIDE OF COURSE 147.49 OUTBOUND 4200 FT WITHIN 10 MILES OF TTE VOR/DME (IAF)
-
- FAC: 327.49 FAF: TTE VOR/DME DIST FAF TO MAP: 6.84 DIST FAF TO THLD:
- MIN ALT: TTE VOR/DME 2500, OTAXY/6.13 DME 920
- MSA FROM: TTE VOR/DME 070-160 9600, 160-250 2800, 250-340 3700, 340-070 11500

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

ADDITIONAL FLIGHT DATA:

CHART 589 TREE 360036N/1190140W

HOLD NW, RT, 143.00 INBOUND.
CHART FAS OBST: 579 TREE 360116N/1190207W.
CHART CIRCLING ICON.



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

ALTERNATE: NA ☐ 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
CIRCLING	880	1	437	900	1	457	960	1 1/2	517	1100	2	657			

CHANGES - REASONS

05/03/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/10/24.
1. CHANGED COURSE ON TERMINAL ROUTE EHF VORTAC TO DUCOR INT/19.22 DME FROM "352.31" TO "004.00" DUE TO CHANGE OF ALONG COURSE NAVAID FROM "TTE (TULE)" TO "EHF (SHAFTER)".

07/08/24: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 04/10/24.
1. REMOVED "MARCD/6.84 DME 880" FROM PROFILE LINE 4.
2. REMOVED PRIMARY SET OF CIRCLING MINIMUMS.

COORDINATED WITH:

A4A☐

ALPA☒

AOPA☒

APA☐

HAI☐

NBAA☒

OTHER: ZLA, ZOA, BKF APCH, RIU FSS, AMGR

FLIGHT CHECKED BY
KEVIN YI CHENG

Digitally signed by
RAKE MCGRAW
Jul 09, 2024

OFFICE
FIOG

DATE
06/20/2024

DEVELOPED BY
CHRISTOPHER MENDENHALL

Digitally signed by
CHRIS MENDENHALL
Jul 08, 2024

OFFICE
AJV-A421

DATE
04/10/2024

APPROVED BY
DAVID DANNER

Digitally signed by
RAKE MCGRAW
Jul 09, 2024

OFFICE
AJV-A420

DATE
09/05/2024

TITLE
MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
PTV	VOR-A	ORIG	PORTERVILLE	CA	443	TTE

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM EHF VORTAC **TO** DUCOR INT/19.22 DME

<u>RNP</u>	<u>DISTANCE</u> 19.22	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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	353603.00N/1185818.00W	1585	215	8	4B	1000				AT500	3100
TERRAIN	353603.00N/1185818.00W	1384 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM WRING INT/25.00 DME **TO** JIBCU/15.72 DME

<u>RNP</u>	<u>DISTANCE</u> 9.28	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<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	353142.00N/1184745.00W	3180	215	8	4B	1000				AT100 PR200	4500
TERRAIN	353345.00N/1184912.00W	2851 (2900)								AS1500	4400

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

JIBCU/15.72 DME

TO

MAFHA/12.92 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	2.80										
<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	354109.00N/1185115.00W	2454	215	8	4B	1000				AT100 PR120	3700
TERRAIN	354109.00N/1185115.00W	2253 (2300)								AS1000	3300

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

MAFHA/12.92 DME

TO

DUCOR INT/19.22 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	5.20										
<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	354315.17N/1185204.61W	1920	50	20	2C	1000				PR90	3100
TERRAIN	354415.00N/1185218.00W	1696 (1700)								AS1000	2700

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: PT

FROM

10 NM

TO

TTE VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
<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	354603.00N/1185409.00W	1487	215	8	4B	500				SA-23	2000
TERRAIN	354618.00N/1185424.00W	1243 (1200)								AS1000	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

DUCOR INT/19.22 DME

TO

TTE VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 7.72	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
<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	354730.00N/1185212.00W	2120	215	8	4B	500				SA-244 AT100	2500
TERRAIN	354857.00N/1185400.00W	1174 (1200)								AS1000	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

TTE VOR/DME

TO

OTAXY/6.13 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	6.13										
<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>
TOWER (06-212176)	355936.21N/1190224.24W	619	20	3	1A	250				XL43	920

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: STEPDOWN

FROM

OTAXY/6.13 DME

TO

MARCD/6.84 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
	0.71		MARCD/6.84 DME								
<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>
TREE	360116.14N/1190207.46W	579	50	20	2C	250				AT40	880

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



PROCEDURE TURN

FROM

TTE VOR/DME

TO

10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	354545.77N/1184754.86W	4040	50	20	2C	1000				SA-998 PR150	4200
TERRAIN	354112.00N/1185115.00W	2250 (2300)								AS1000	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

OTAXY/6.13 DME

TO

TTE VOR/DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

619

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	355914.70N/1185116.69W	2080	50	20	2C	1000					3100
TERRAIN	355915.00N/1185118.00W	1916 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH

FROM

MARCD/6.84 DME

TO

TTE VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 629				
<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	355914.70N/1185116.69W	2080	50	20	2C	1000					3100
TERRAIN	355915.00N/1185118.00W	1916 (1900)								AS1500	3400

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

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TREE	360116.14N/1190207.46W	1.30	437	579	50	20	2C	300			880
CATEGORY B											
TREE	360050.64N/1190116.20W	1.82	457	599	50	20	2C	300			900
CATEGORY C											
TREE	360105.21N/1185951.70W	2.86	517	649	50	20	2C	300			960
CATEGORY D											
AAO	360150.58N/1185846.36W	3.74	657	800	50	20	2C	300			1100

CIRCLING REMARKS:



MSA

CENTER

TTE VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
070-160	AAO	354657.00N/1183506.00W	094	22.7	8501	215	8	4B	1000			9600
160-250	AAO	353548.00N/1185457.00W	149	19.6	1726	215	8	4B	1000			2800
250-340	AAO	362018.00N/1185857.00W	348	25.5	2661	215	8	4B	1000			3700
340-070	AAO	361636.00N/1183818.00W	024	28.6	10436	215	8	4B	1000			11500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BFL APP CON, RIU FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3PT	PTV	24	PTV	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

NO BACKUP ALTIMETER SOURCE AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
TTE VOR/DME	POCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW12 - HIRL (PCL), VASI-4R (PCL)	NPI-F	
RW30 - HIRL (PCL), REIL, VASI-4R	NPI-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☐	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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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:

VEGETATION HEIGHT 100 FEET.

ORDER 8260.3 CHAPTER 2 APPLIED TO 589 TREE 360036N/1190140W.

VDP NOT PUBLISHABLE - CIRCLING PROCEDURE ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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	3.84
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.30
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	343.49
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	6.04
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.08
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	343.49
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	360146.50N/1190345.80W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 30 DISTANCE 0.49 NM
FAF COORDINATES	355446.98N/1190114.91W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CHRISTOPHER MENDENHALL	AJV-A421	04/10/2024	AERONAUTICAL INFORMATION SPECIALIST

