

**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>		
AJO	VOR-A	5	CORONA	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SUPERSEDED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>
533		VOR OR GPS-A	4A	08/28/2008	15E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
PDZ			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>
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MISSED APPROACH

MAP:

3.60 NM AFTER PDZ VORTAC OR AT MAHEB/3.63 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4700 DIRECT PDZ VORTAC THEN ON PDZ VORTAC R-078 TO AZARR/4.98 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | | |
|----|---|--|----------|------------|------------------|-------|
| 1. | PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD NE PDZ VORTAC, RT, 236.12 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. | FAC: | 236.12 | FAF: | PDZ VORTAC | DIST FAF TO MAP: | 3.60 |
| 4. | MIN ALT: | PDZ VORTAC 3100 | | | | |
| 8. | MSA FROM: | PDZ VORTAC 020-110 9000, 110-290 6900, 290-020 11300 | | | | |

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONT ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 258.00 INBOUND.
FAS OBST: 1073 AAO 335339N/1173257W.
FAC CROSSES MIDPOINT OF RWY 7-25.



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

ALTERNATE: NA ☐ CAT A, B 1200-2, 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	1660	1 1/4	1127	1660	1 1/2	1127		NA			NA				

CHANGES - REASONS

1. PROCEDURE NAME: CHANGED FROM "VOR OR GPS-A" TO "VOR-A" – PROCEDURE SPLIT INTO VOR-A AND RNAV (GPS)-B.
2. MAP: UPDATED FROM "3.57 MILES AFTER PDZ VORTAC OR 3.6 DME" TO "3.60 NM AFTER PDZ VORTAC OR AT MAHEB/3.63 DME" – MAP COORDINATES MOVED DUE TO NEW TARGETS CALCULATION.
3. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING RIGHT TURN TO 3100 DIRECT PDZ VORTAC AND HOLD, CONTINUE CLIMB IN HOLD TO 3100" TO "CLIMBING RIGHT TURN TO 4700 DIRECT PDZ VORTAC THEN ON PDZ VORTAC R-078 TO AZARR/4.98 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4700" – NEW MISSED HOLDING POINT PER ATC REQUEST IAW 8260.3F.
4. PROFILE LINE TWO: CHANGED FROM "HOLD E PDZ VORTAC, RT, 258.00 INBOUND, 3100 FT IN LIEU OF PT (IAF)" TO "HOLD NE PDZ VORTAC, RT, 236.12 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000" – NEW FAC AND CONTROLLING OBSTACLE.
5. PROFILE LINE THREE: CHANGED FROM "FAC 237.00, DIST FAF TO MAP 3.57" TO "FAC 236.12, DIST FAF TO MAP 3.60" – HOLD IN LIEU ALIGNED TO FAC AND NEW CALCULATED MAP LOCATION IAW 8260.3F.
6. PROFILE LINE FOUR: CHANGED FROM "PDZ VORTAC 2900" TO "PDZ VORTAC 3100" – NEW CONTROLLING OBSTACLE/PRECIPITOUS TERRAIN ADJUSTMENT.
7. PROFILE LINE EIGHT: CHANGED FROM "PDZ VORTAC 020-110 9000, 110-290 6800, 290-020 11,100" TO "PDZ VORTAC 020-110 9000, 110-290 6900, 290-020 11300" – NEW CONTROLLING OBSTACLES.
8. NOTES: CHANGED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONT ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET" – CRITERIA UPDATE IAW 8260.19J.
9. NOTES: ADDED "CHART NOTE: PROCEDURE NA AT NIGHT" – 20:1 PENETRATIONS ARE UNLIT IAW 8260.19J.
10. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 980 TREE 335310/1173251" TO "FAS OBST: 1073 AAO 335339N/1173257W" – NEW CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: REMOVED "1419 TERRAIN 335505/1173200" – NO LONGER REQUIRED IAW 8260.19J.
12. ADDITIONAL FLIGHT DATA: ADDED "HOLD E, RT, 258.00 INBOUND" – IAW 8260.19J.
13. ADDITIONAL FLIGHT DATA: ADDED "FAC CROSSES MIDPOINT OF RWY 7-25" – IAW 8260.19J.
14. ALTERNATE: CHANGED FROM "NA" TO "CAT A, B 1200-2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - AIRPORT AWOS IS ON WMSCR/NON-STANDARD MINIMUMS REQUIRED IAW 8260.19J.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLA, ONT APCH, AMGR.

FLIGHT CHECKED BY

THOMAS E MOLOKIE

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJF

DATE

02/04/2025

DEVELOPED BY

ERIC N SUSKI (CODY J. GIVEN)

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJV-A431

DATE

09/16/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJV-A431

DATE

02/20/2025

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>
AJO	VOR-A	5	CORONA	CA	533	PDZ

PART A: OBSTRUCTION DATA SEGMENTS

FINAL

FROM

PDZ VORTAC

TO

3.60 NM AFTER PDZ VORTAC OR AT MAHEB/3.63 DME

RNP

DISTANCE

3.60

PAT

MAP

3.60 NM AFTER PDZ
VORTAC OR AT MAHEB/3.63
DME

HAT

HMAS

<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	335339.00N/1173257.00W	1073	215	8	4B	250				DG337	1660

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

PDZ VORTAC

TO

P-4

RNP

DISTANCE

PAT

P-4

MAP

HAT

HMAS

<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	340151.00N/1172633.00W	2254	215	8	4B	1000				PR130	3400
TERRAIN	340151.00N/1172633.00W	2053 (2100)								AS1000	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
8
CHECKED

MISSSED APPROACH

FROM

3.60 NM AFTER PDZ VORTAC OR AT MAHEB/3.63 DME

TO

AZARR/4.98 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
							1410				
<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>
							ASC				4700
AAO	335218.00N/1172818.00W	2057	215	8	4B	1000					3100
TERRAIN	335218.00N/1172818.00W	1856 (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	335236.00N/1173551.00W	1.30	1127	822	215	8	4B	300		SI	1660
CATEGORY B											
AAO	335218.00N/1173733.00W	1.83	1127	1086	215	8	4B	300		SI	1660

CIRCLING REMARKS:

MSA

CENTER

PDZ VORTAC

RADIUS

25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</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>
020-110	AAO	341145.00N/1170312.00W	040	29.0	7926	215	8	4B	1000			9000
110-290	AAO	334239.00N/1173203.00W	166	12.4	5873	215	8	4B	1000			6900
290-020	AAO	341721.00N/1173848.00W	330	23.0	10262	215	8	4B	1000			11300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SOCAL APP CON, RIVERSIDE FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	AJO	24	AJO	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	ONT	24	ONT	9.48	Y	80

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KAJO 533, KONT 944
RA = 79.4.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
PDZ VORTAC	POCC	FULL TIME	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW07 - MIRL (PCL)	BSC-G	
RW25 - MIRL (PCL), REIL (PCL), VASI-4L (PCL)	BSC-G	

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

FINAL TYPE	CIRCLING RWY 25
20:1	
540 SIGN (06-036242) 335350.33N/1173549.28W (5.86)	
FINAL TYPE	CIRCLING RWY 7
20:1	
562 TREE (06-041974) 335353.13N/1173628.31W (43.56)	566 TREE (06-139999) 335352.53N/1173631.53W (33.95)
569 TREE (06-040976) 335348.96N/1173633.28W (29.29)	563 TREE (06-040975) 335349.16N/1173635.52W (13.87)



<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>
AJO	VOR-A	5	CORONA	CA	533	PDZ
547 TREE (06-040933) 335350.01N/1173631.80W (13.61)			522 SIGN (06-036240) 335350.04N/1173628.17W (3.91)			
546 TREE (06-041973) 335350.29N/1173634.38W (1.76)						
PENETRATIONS REMARKS:						

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.

VEGETATION 100 FT PER FPT.

VDP NOT ESTABLISHED - CIRCLING ONLY PROCEDURE.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1631 AAO 335506.00N/1173148.00W.

FAC AIMING AT ARP (335351.55N/1173608.78W).

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	MAP	TO 1000FT POINT	1.27
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.24
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	251.12
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	MAP	TO 1500FT POINT	3.20
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.04
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	251.12
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	335351.55N/1173608.78W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 7 DISTANCE 0.26 NM
FAF COORDINATES	335506.01N/1173147.99W
FIX NAME COORDINATES	

REMARKS



AERONAUTICAL INFORMATION SPECIALIST