

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN 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.

AIRPORT ID KOA/PHKO	PROCEDURE NAME VOR OR TACAN RWY 17	ORIGINAL/AMENDMENT 1	CITY KAILUA-KONA	STATE HI
AIRPORT ELEVATION 49	TDZE 49	SUPERSEDED VOR OR TACAN RWY 17	DATED 11/05/2020	MAG VAR 11E
FACILITY KOA	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE 02/20/2025	EPOCH YEAR 1990
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MUE VOR/DME		KEANY INT/MUE 8.00 DME					245.25	8.00	6800
KOA VORTAC		KAYAK INT/KOA 11.66 DME					350.65	11.66	5500
ANDES/KOA 11.66 DME CW	IAF	KAYAK INT/KOA 11.66 DME	NOPT				11.66 DME ARC		1500
TAMMI INT/KOA 22.45 DME	IAF	KAYAK INT/KOA 11.66 DME	NOPT				170.65 (KOA R-351)	10.79	1500
KEANY INT/MUE 8.00 DME	IAF	MALIA INT/MUE 16.00 DME	NOPT				245.25 (MUE R-245)	8.00	3800
MALIA INT/MUE 16.00 DME		KAYAK INT/KOA 11.66 DME					245.25 (MUE R-245)	5.48	3000
UPP VORTAC	IAF	SODZE INT/UPP 11.00 DME	NOPT				201.71	11.00	5700
SODZE INT/UPP 11.00 DME		KAYAK INT/KOA 11.66 DME					201.71 (UPP R-202)	9.48	3000
KAYAK INT/KOA 11.66 DME	IF/IAF	INECE/KOA 5.19 DME					170.65 (KOA R-351)	6.47	1000

MISSED APPROACH

MAP:

NENVE/KOA 2.19 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 1800 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD N KAYAK INT/11.66 DME, LT, 170.65 INBOUND, 1500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 170.65 FAF: INECE/KOA 5.19 DME DIST FAF TO MAP: DIST FAF TO THLD: 3.00
- MIN ALT: KAYAK INT/KOA 11.66 DME 1500, INECE/KOA 5.19 DME 1000
- MSA FROM: KOA VORTAC 080-170 14900, 170-350 3300, 350-080 11600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON KOA VORTAC AIRWAY RADIALS 294 CW 330.
CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA E OF RWY 17-35.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-17 CAT E VISIBILITY TO 1 5/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MUE AIRWAY RADIAL 234.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UPP VORTAC AIRWAY RADIALS 200 CW 287.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 113.67 INBOUND.
FAS OBST: 238 TREE 194536N/1560127W.
CHART VDP AT 3.68 DME.
DISTANCE VDP TO THLD 1.49 NM.
CHART KOA R-294 AT ANDES.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART CIRCLING ICON.
INECE TO RW17: 2.82/54.

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
S-17	600	1/2	551	600	1/2	551	600	1 1/8	551	600	1 1/8	551	600	1 1/8	551
CIRCLING	600	1	551	600	1	551	600	1 5/8	551	600	2	551	600	2	551

CHANGES - REASONS

- AIRPORT ELEVATION AND TDZE CHANGED FORM "47" TO "49" - CONSTRUCTION, NEW DATA.
- MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMBING RIGHT TURN TO 1500 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD" TO "CLIMBING RIGHT TURN TO 1800 ON KOA VORTAC R-294 TO ANDES/KOA 11.66 DME AND HOLD" - ALTITUDE CHANGE FOR AIRSPACE, FPT REQUEST.
- PROFILE LINE 8: UPDATED 350-080 FROM "11500" TO "11600" - UPDATED CONTROLLING OBSTACLE.
- NOTES: UPDATE CHART NOTE FROM "CIRCLING NA EAST OF RWY 17-35" TO "CIRCLING NA E OF RWY 17-35" - IAW 8260.19J 8-6-12 O (5).
- NOTES: UPDATE CHART NOTE FROM " FOR INOPERATIVE ALS, INCREASE S-17 CAT A, B VISIBILITY TO 1 MILE, CAT E VISIBILITY TO 1 5/8 MILE" TO "FOR INOPERATIVE ALS, INCREASE S-17 CAT E VISIBILITY TO 1 5/8 MILE" - UPDATED TARGETS EVALUATION/MINIMUMS.
- NOTES: UPDATED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON KOA VORTAC AIRWAY RADIALS 294 CW 327" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON KOA VORTAC AIRWAY RADIALS 294 CW 330" - ADDED AIRWAY T344.
- NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MUE AIRWAY RADIAL 234" - IAW 8260.19J 8-2-5(G)(2).
- NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UPP VORTAC AIRWAY RADIALS 200 CW 287" - IAW 8260.19J 8-2-5(G)(2).
- ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "224 TREE 194547N/1560132W" TO "238 TREE 194536N/1560127W" - UPDATED FAS OBSTACLE.
- ADDITIONAL FLIGHT DATA: UPDATED VDP FROM "3.76 DME" TO "3.68" - UPDATED VDP LOCATION.
- ADDITIONAL FLIGHT DATA: UPDATED FAC CROSSES C/L EXTENDED FROM "3005 FT FROM THLD" TO "3000 FT FROM THLD" - UPDATED LOCATION.
- MINIMUMS: UPDATED S-17 ALL CATS HAT FROM "553" TO "551", AND CAT A/B VIS FROM "3/4" TO "1/2" - FPT REQUEST CHECKLIST, UPDATED AIRPORT/TDZE ELEVATION.
- MINIMUMS: UPDATED CIRCLING ALL CATS HAA FROM "553" TO "551" - FPT REQUEST CHECKLIST, UPDATED AIRPORT/TDZE ELEVATION.

01/13/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/12/2024.
1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 02/20/2025. -HARD DATED



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZHN CERAP, KOA ATCT, HNL FSDO, AMGR, USAF

FLIGHT CHECKED BY

PENDING

Digitally signed by
RAKE MCGRAW
Jan 13, 2025

OFFICE

DATE

DEVELOPED BY
DANIEL WESTON

Digitally signed by
DANIEL L WESTON
Oct 24, 2024

OFFICE
AJV-A422

DATE
08/12/2024

APPROVED BY
RAKE MCGRAW

Digitally signed by
RAKE MCGRAW
Jan 13, 2025

OFFICE
AJV-A422

DATE

TITLE
MANAGER



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

AIRPORT ID
KOA/PHKO

PROCEDURE NAME
VOR OR TACAN RWY 17

AMDT NO.
1

CITY
KAILUA-KONA

STATE
HI

AIRPORT ELEVATION
49

FACILITY
KOA

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM MUE VOR/DME **TO** KEANY INT/MUE 8.00 DME

RNP

DISTANCE
8.00

PAT

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	200509.00N/1554303.00W	5689	215	8	4B	2000				SA-934	6800
TERRAIN	200339.00N/1554139.00W	4488 (4500)								AS1500	6000

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM KOA VORTAC **TO** KAYAK INT/KOA 11.66 DME

RNP

DISTANCE
11.66

PAT

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	194400.00N/1555627.00W	4256	215	8	4B	2000				SA-965 AT209	5500
TERRAIN	194406.00N/1555827.00W	2040 (2000)								AS1500	3500

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL: ARC

FROM

ANDES/KOA 11.66 DME CW

TO

KAYAK INT/KOA 11.66 DME

<u>RNP</u>	<u>DISTANCE</u>	<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>
SHIP	195443.96N/1560220.33W	208	50	20	2C	1000					1300
WATER	194915.00N/1560730.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

TAMMI INT/KOA 22.45 DME

TO

KAYAK INT/KOA 11.66 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
	10.79										
<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>
SHIP	195443.96N/1560220.33W	208	50	20	2C	1000					1300
WATER	195442.00N/1560000.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

KEANY INT/MUE 8.00 DME

TO

MALIA INT/MUE 16.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	8.00										
<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	195436.00N/1554636.00W	1441	215	8	4B	1000				AT1359	3800
TERRAIN	195418.00N/1554730.00W	1112 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

MALIA INT/MUE 16.00 DME

TO

KAYAK INT/KOA 11.66 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	5.48										
<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	195227.00N/1555427.00W	273	215	8	4B	1000				AT1727	3000
WATER	195230.00N/1560145.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

UPP VORTAC

TO

SODZE INT/UPP 11.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	11.00										
<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	200854.00N/1554751.00W	3580	215	8	4B	1000				AT1120	5700
TERRAIN	200854.00N/1554751.00W	3379 (3400)								AS1500	4900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

SODZE INT/UPP 11.00 DME

TO

KAYAK INT/KOA 11.66 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	9.48										
<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>
SHIP	195443.96N/1560220.33W	208	50	20	2C	1000				AT1792	3000
WATER	195321.00N/1560000.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

KAYAK INT/KOA 11.66 DME (IF/IAF)

TO

INECE/KOA 5.19 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
	6.47										
<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>
SHIP	195443.96N/1560220.33W	208	50	20	2C	500					800
WATER	195227.00N/1560606.00W	0 (0)								AS1000	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

INECE/KOA 5.19 DME

TO

NENVE/KOA 2.19 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>	<u>HMAS</u>					
	3.00		NENVE/KOA 2.19 DME		551						
<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	194536.00N/1560127.00W	238	215	8	4B	250				XP112	600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MATCH OLD MINIMUMS

HOLD-IN-LIEU OF PT

FROM

KAYAK INT/11.66 DME

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<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>
SHIP	195443.96N/1560220.33W	208	50	20	2C	1000					1300
WATER	195227.00N/1560645.00W	0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

NENVE/KOA 2.19 DME

TO

ANDES/KOA 11.66 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 352			
<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				1800
TOWER (15-000346)	194357.63N/1560135.56W	330	20	3	1A	1000					1400
TERRAIN	194412.00N/1560133.00W	265 (300)								AS1500	1800

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											
SHIP	194427.00N/1560351.00W	1.30	551	208	50	20	2C	300		SI	600
CATEGORY B											
SHIP	194427.00N/1560351.00W	1.81	551	208	50	20	2C	300		SI	600
CATEGORY C											
SHIP	194427.00N/1560351.00W	2.84	551	208	50	20	2C	300		SI	600
CATEGORY D											
SHIP	194427.00N/1560351.00W	3.70	551	208	50	20	2C	300		SI	600
CATEGORY E											
SHIP	194427.00N/1560351.00W	4.63	551	208	50	20	2C	300		SI	600

CIRCLING REMARKS:

MSA

CENTER

KOA VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
080-170	AAO	192833.00N/1553621.00W	109	28.8	13875	215	8	4B	1000			14900
170-350	AAO	194406.00N/1555727.00W	064	4.1	2241	215	8	4B	1000			3300
350-080	AAO	194921.00N/1553242.00W	066	29.0	10525	215	8	4B	1000			11600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KOA/PHKO	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KOA/PHKO	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
BACK-UP ALTIMETER SOURCE NOT USED PER ATC.

<u>PRIMARY NAVAID</u> KOA VORTAC	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW17 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G		
RW35 - HIRL (PCL), PAPI-4L	PIR-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 77.1
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	3000 FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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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:

APPROVAL LETTER: PUBLISHING VDA LESS THAN VGSI (8260.3E, PAR 2-6-2B).
50' VEGETATION, 60' SHIP, AND 208' SHIP USED TO MAINTAIN CONTINUITY WITH PREVIOUS PROCEDURE.
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	FAF	TO 1000FT POINT	5.47
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	8.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	170.65
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	FAF	TO 1500FT POINT	6.47
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	8.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	170.65
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	194513.88N/1560239.44W
ARP COORDINATES	194439.31N/1560242.52W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 17 DISTANCE 0.58 NM
FAF COORDINATES	194814.33N/1560232.21W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
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