

# 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>	
OGD	VOR-A	ORIG-A	OGDEN	UT	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
4473		VOR-A	03/29/2018	14E	1990
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
OGD			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>
JEMKU/10.00 DME CW	IAF	ZIXIV/10.00 DME					10.00 DME ARC		7200
RACGO/10.00 DME CCW	IAF	ZIXIV/10.00 DME					10.00 DME ARC		7200
ZIXIV/OGD 10.00 DME	IF	OGD VORTAC					100.54	10.00	5700

## MISSED APPROACH

### MAP:

3.50 NM AFTER OGD VORTAC OR AT RUYOS/OGD 3.50 DME

### MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 13000 DIRECT OGD VORTAC AND ON OGD VORTAC R-263 TO MOINT/15.08 DME AND HOLD, CONTINUE CLIMB-IN-HOLD.

### ALTERNATE MISSED APPROACH INSTRUCTIONS:

### PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZIXIV/OGD 10.00 DME
- FAC: 100.54 FAF: OGD VORTAC DIST FAF TO MAP: 3.50 DIST FAF TO THLD:
- MIN ALT: ZIXIV/10.00 DME 7200, OGD VORTAC 5700
- MSA FROM: OGD VORTAC 145-340 8600, 340-145 11000

QUALITY  
13  
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT C/D EAST OF RWYS 21 AND 35.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 082.61 INBOUND.  
CHART FAS OBST: 4570 TREE (49-052066) 411113N/1120206W.  
CHART OGD R-153 AT JEMKU.  
CHART OGD R-331 AT RACGO.  
FAC CROSSES INTERSECTION OF RWYS 17-35 AND 3-21.  
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	4980	1	507	5100	1	627	5100	1 3/4	627	5180	2 1/4	707			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM T-NOTAM 4/8258. CIRCLING CAT B MDA/HAA INCREASED FROM 5060/587 TO 5100/627. CIRCLING CAT D MDA/HAA INCREASED FROM 5100/627 TO 5180/707, VISIBILITY INCREASED FROM 2 TO 2 ¼. – NEW CONTROLLING OBSTACLES, AND IAW 8260.3F TABLE 3-3-7.
2. UPDATED CHART FAS OBSTACLE FROM “4600 TREE 411140N/1120131W” TO “4570 TREE (49-052066) 411113N/1120206W.” – NEW CONTROLLING OBSTACLE.
3. REMOVED NOTES: “CIRCLING TO RWY 17 NA AT NIGHT.” AND “RWY 17 AND 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.” – NO PENETRATIONS IN VISUAL AREAS PER TARGETS BUILD, IAW 8260.3F 3-3-2.C(4)(B).
4. MOVED BACK-UP ALTIMETER NOTE, “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HIF ALTIMETER SETTING”, FROM CHART NOTES TO REMARKS ON 8260-9”. – PER FPT AND IAW 8260-19J 8-6-10.F(3).
5. MOVED “DME OR RADAR REQUIRED” NOTE FROM PLANVIEW TO EQUIPMENT REQUIREMENTS. – IAW 8260.19J 8-6-9.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC, SLC APCH, OGD ATCT, ARPT MGR.

FLIGHT CHECKED BY

OFFICE DATE

DEVELOPED BY  
JAMIE KUNKLER

OFFICE DATE  
AJV-A432 01/03/2025

APPROVED BY  
CASIMIR L. TABAKA

OFFICE DATE TITLE  
AJV-A432 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>
OGD	VOR-A	ORIG-A	OGDEN	UT	4473	OGD

**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL: ARC**

**FROM** JEMKU/10.00 DME CW **TO** ZIXIV/10.00 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>
1. TOWER (49-000123)	411527.00N/1122627.00W	6818	500	125	5E	1000				AT293 SA-911	7200
TERRAIN	411030.00N/1122035.00W	4995 (5000)								AS1500	6500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL: ARC**

**FROM** RACGO/10.00 DME CCW **TO** ZIXIV/10.00 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>
AAO	411754.00N/1122512.00W	6654	164	98	4E	1000				AT411 SA-865	7200
TERRAIN	411627.00N/1121521.00W	4377 (4400)								AS1500	5900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

QUALITY  
13  
CHECKED

INTERMEDIATE

FROM  
ZIXIV/OGD 10.00 DME

TO  
OGD VORTAC

<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>
5. TOWER (49-000162)	411517.00N/1121416.00W	5037	100	20	3C	500					5600
TERRAIN	411519.00N/1120131.00W	4673 (4700)								AS1000	5700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM  
OGD VORTAC

TO  
3.50 NM AFTER OGD VORTAC OR AT RUYOS/OGD 3.50 DME

<u>RNP</u>	<u>DISTANCE</u> 3.50	<u>PAT</u>	<u>MAP</u> 3.50 NM AFTER OGD VORTAC OR AT RUYOS/OGD 3.50 DME				<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>
TREE (49-052066)	411113.27N/1120205.72W	4570	20	3	1A	250					4820

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH

FROM

3.50 NM AFTER OGD VORTAC OR AT RUYOS/OGD 3.50 DME

TO

MOINT/15.08 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 4930			
<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				13000
AAO	411754.00N/1122512.00W	6772	215	8	4B	1000				PR260	8100
TERRAIN	411754.00N/1122512.00W	6571 (6600)								AS1500	8100

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											
TOWER (49-020909)	410957.81N/1120055.55W	1.38	507	4679	20	3	1A	300			4980
CATEGORY B											
TREE (49-051827)	410949.35N/1115905.20W	1.97	627	4784	20	10	1B	300			5100
CATEGORY C											
TRANSMISSION_LINE (49-051972)	410829.32N/1120045.62W	3.12	627	4753	20	3	1A	300		XP47	5100
CATEGORY D											
AAO	411451.00N/1115606.00W	4.09	707	4872	215	8	4B	300			5180

CIRCLING REMARKS:

TO MATCH CAT B MINIMA.



MSA

CENTER

OGD VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
145-340	AAO	412927.00N/1123030.00W	297	24.5	7553	215	8	4B	1000			8600
340-145	AAO	412300.00N/1115830.00W	016	11.1	9948	215	8	4B	1000			11000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

OGD TOWER, ZLC ARTCC, SLC APP CON

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	OGD	24	OGD	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ATIS	HIF	24	HIF	4.67	N	0

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
OGD 4473, KHIF 4789  
RA = 0.0

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
OGD VORTAC	POCC	24HRS	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - MIRL (PCL), REIL, PAPI-4L	BSC-G	
RW35 - MIRL (PCL), REIL, PAPI-4L	BSC-G	
RW21 - HIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW03 - MALS (PCL), HIRL (PCL), PAPI-4L (PCL)	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>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input type="checkbox"/>	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

FINAL TYPE	CIRCLING RWY 35
20:1	
4497 POLE (49-020896) 411105.1800N/1120050.2700W (15.75)	

PENETRATIONS REMARKS:

\*4497 POLE IS A LIGHT POLE IN A PARKING LOT. PREVIOUS SURVEY IDENTIFIED IT AS A LIT OBSTACLE. NO NIGHT CIRCLING RESTRICTION PUBLISHED TO RWY 35.



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

40 FT VEGETATION USED PER FPT REQUEST.

HOLDING PATTERNS AT MISSED APPROACH HOLDING FIX (MOINT) OVERLAP R-6404A.

FAC IS NOT ALIGNED WITH CURRENT ARP.

CAT C AND D CIRCLING RESTRICTED DUE TO HIGH TERRAIN BEING CAPTURED IN THE EXPANDED CIRCLING RADIUS. PLUS, IT WOULD OVERLAP HILL AFB RUNWAYS.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HIF 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	MAP	TO 1000FT POINT	2.17
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	114.54
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	4476
DISTANCE FROM	MAP	TO 1500FT POINT	9.9
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	5.84
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	114.54
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	4673

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	411142.25N/1120043.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 21 DISTANCE 0.72 NM
FAF COORDINATES	411326.74N/1120553.67W
FIX NAME COORDINATES	MAP RUYOS 411159.40N/1120140.61W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JAMIE KUNKLER	AJV-A432	01/03/2025	AERONAUTICAL INFORMATION SPECIALIST





AIRPORT ID  
OGD

PROCEDURE NAME  
VOR-A

AMDT NO.  
ORIG-A

CITY  
OGDEN

STATE  
UT

AIRPORT ELEVATION  
4473

FACILITY  
OGD

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