

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) SPECIAL INSTRUMENT APPROACH PROCEDURE
SPECIFICATION -- NOT FOR COCKPIT USE**

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>AIRPORT ID</u> 0XA4	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> FREER	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 336	<u>TDZE</u> 336	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>DATED</u> 06/15/2023	<u>MAG VAR</u> 5E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2010
				<u>CANCEL/SUSPEND</u>

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>
ALI VOR		OTCAV		TF	FB	1.00	264.26	37.80	3000
KAHAN		CUNAB		TF	FB	1.00	089.52	22.44	3000
SLENA		JADUS		TF	FB	1.00	205.07	46.91	3000
CUNAB	IAF	ULERY		TF	FB	1.00	058.20	8.03	3000
JADUS	IAF	ULERY		TF	FB	1.00	238.32	8.03	3000
OTCAV	IAF	ULERY		TF	FB	1.00	328.28	5.00	3000
ULERY	IF	WADKO		TF	FB	1.00	328.25	8.03	1800
WADKO	FAF	IWURA/1.96 NM TO RW33		TF	FB	0.30	328.24	2.51	
IWURA/1.96 NM TO RW33		RW33	MAP	TF	FO	0.30	328.24	1.96	
RW33	MAP	736 MSL		CA			328.24		
736 MSL		WUBID		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW33
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WUBID AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT ULERY														
3.	FAC:	328.24	FAF:	WADKO	DIST FAF TO MAP:	4.47	DIST FAF TO THLD:	4.47							
4.	MIN ALT:	ULERY 3000, WADKO 1800, IWURA/1.96 NM TO RW33 1000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:						
6.	MIN GP INCPT:		GP ALT AT FAF:						OM:		MM:		IM:		
7.	GP ANGLE:		34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:								
8.	MSA FROM:	RW33 2500													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KAHAN ON V17 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ALI VOR RADIALS 175 CW 359.
CHART NOTE: USE OF SEVEN C'S RANCH REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: USE COT ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART: R-6312
CHART COT ASOS.
HOLD NW, RT, 148.16 INBOUND.
CHART FAS OBST: 405 TREE 275927N/0985321W, 385 TREE 275927N/0985248W.
WAAS CHANNEL # 61127
REFERENCE PATH ID: W33A
WADKO TO RW33: 3.00/40.0.
LTP HAE: 77.1 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LP MDA	760	1	424	760	1	424	760	1 1/4	424		NA				
LNAV MDA	780	1	444	780	1	444	780	1 3/8	444		NA				
CIRCLING	840	1	504	860	1	524	880	1 1/2	544		NA				



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED SEGMENT THX VORTAC TO JADUS - PER FPT CHECKLIST; THX VORTAC SCHEDULED TO BE DECOMMISSIONED.
2. TERMINAL ROUTES: ADDED NEW FEEDER SEGMENT SLENA TO JADUS - PER FPT CHECKLIST; SLENA FIX IS REPLACING THX VORTAC DUE TO DECOMMISSIONING.
3. TERMINAL ROUTES: ULERY TO WADKO COURSE CHANGED FROM "328.26" TO "328.25" - FAF MOVED; UPDATED TARGETS EVALUATION.
4. TERMINAL ROUTES: FINAL AND MISSED APPROACH COURSE CHANGED FROM "328.23" TO "328.24" - FAF MOVED; STEPDOWN FIX MOVED; UPDATED TARGETS EVALUATION.
5. PROFILE LINE 3: FAC CHANGED FROM "328.23" TO "328.24" - FAF MOVED; UPDATED TARGETS EVALUATION.
6. DELETED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVAL ON THX VORTAC AIRWAY RADIALS 126 CW 157" - THX VORTAC SCHEDULED TO BE DECOMMISSIONED.
7. CHART NOTE CHANGED FROM "USE COTULLA ALTIMETER SETTING" TO "USE COT ALTIMETER SETTING" - 8260.19J 8-6-10.F(6).
8. ADDITIONAL FLIGHT DATA: CHANGED "CHART COTULLA-LA SALLE COUNTY ASOS" TO "CHART COT ASOS" - 8260.19J 8-2-4.
9. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM "409 TREE 275927N/0985321W, 399 TREE 275751N/0985138W" TO "405 TREE 275927N/0985321W, 385 TREE 275927N/0985248W" - UPDATED TARGETS EVAL; 8260.19J 8-6-11.C.
10. ADDITIONAL FLIGHT DATA: REMOVED "FAS OBST: 663 AAO 275554N/0984848W, 604 AAO 275548N/0984942W" - UPDATED TARGETS EVALUATION.
11. CRC REMAINDER CHANGED FROM "4C840069" TO "4AF58E64" - FPAP LAT/LONG CHANGED FROM "280047.2400N/0985331.0900W" TO "280047.2445N/0985331.0825W".

SUBMITTED BY		OFFICE	DATE	
FLIGHT CHECKED BY		OFFICE	DATE	
JAMES HAWLEY	Digitally signed by DAVID DANNER Mar 17, 2025 Digitally signed by	AJF	03/13/2025	
DEVELOPED BY	Timothy Johnson	OFFICE	DATE	
TIMOTHY JOHNSON	Feb 12, 2025	AJV-A421	11/29/2024	
RECOMMENDED BY	Digitally signed by	OFFICE	DATE	TITLE
DAVID DANNER	DAVID DANNER Mar 17, 2025	AJV-A421		MANAGER
APPROVED BY	Digitally signed by	OFFICE	DATE	TITLE
DAVID DANNER	ALLAN WILL May 05, 2025	AJV-A421		MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0XA4
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	275927.4900N
LTP/FTP LONGITUDE	0985245.7200W
LTP/FTP ELLIPSOIDAL HEIGHT	+00771
FPAP LATITUDE	280047.2445N
FPAP LONGITUDE	0985331.0825W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	4AF58E64

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01024
FPAP ORTHOMETRIC HEIGHT	+01024



**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>
0XA4	RNAV (GPS) RWY 33	1	FREER	TX	336	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ALI VOR **TO** OTCAV

RNP 1.00 **DISTANCE** 37.80 **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>
TOWER (48-002379)	274327.00N/0983345.00W	982	500	50	5D	1000				AT1018	3000
TERRAIN	274218.00N/0984430.00W	780 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM KAHAN **TO** CUNAB

RNP 1.00 **DISTANCE** 22.44 **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>
TOWER (48-008514)	274407.86N/0990126.76W	896	20	3	1A	1000				AT1104	3000
TERRAIN	274500.00N/0991942.00W	620 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

FEEDER

FROM

SLENA

TO

JADUS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	46.91										
<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	275651.00N/0983306.00W	962	215	8	4B	1000				AT1038	3000
TERRAIN	275651.00N/0983306.00W	761 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

CUNAB

TO

ULERY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	8.03										
<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 (48-013249)	274620.07N/0985037.06W	813	50	20	2C	1000				AT1187	3000
TERRAIN	274254.00N/0985339.00W	600 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

JADUS

TO

ULERY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	8.03										
<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 (48-002444)	274900.00N/0984152.00W	1100	100	20	3C	1000				AT900	3000
TERRAIN	274936.00N/0984242.00W	757 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

OTCAV

TO

ULERY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.00										
<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	274218.00N/0984427.00W	981	215	8	4B	1000				AT1019	3000
TERRAIN	274242.00N/0984439.00W	672 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

ULERY

TO

WADKO

RNP

1.00

DISTANCE

8.03

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	275112.00N/0984421.00W	844	215	8	4B	500				AT456	1800
TERRAIN	275018.00N/0984551.00W	636 (600)								AS1000	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP

FROM

WADKO

TO

IWURA/1.96 NM TO RW33

RNP

0.30

DISTANCE

2.51

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	275627.00N/0985039.00W	575	215	8	4B	250				RA156	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP STEPDOWN

FROM

IWURA/1.96 NM TO RW33

TO

RW33

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.96		RW33		424						
<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	275927.00N/0985248.00W	385	215	8	4B	250				RA96 XP29	760

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:
XP: MAINTAIN CURRENT MINIMA

FINAL: LNAV

FROM

WADKO

TO

IWURA/1.96 NM TO RW33

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.51										
<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	275621.00N/0985012.00W	584	215	8	4B	250				RA156	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

IWURA/1.96 NM TO RW33

TO

RW33

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.96		RW33		444						
<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	275927.00N/0985321.00W	405	215	8	4B	250				RA96 XP29	780

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MAINTAIN CURRENT MINIMA

MISSED APPROACH: LP

FROM

RW33

TO

WUBID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30-1.00							564				
<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				3000
TREE	281218.00N/0985739.00W	607	215	8	4B	1000					1700
TERRAIN	281148.00N/0985733.00W	396 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW33

TO

WUBID

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										584	
<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				3000
TREE	281218.00N/0985739.00W	607	215	8	4B	1000					1700
TERRAIN	281148.00N/0985733.00W	396 (400)								AS1500	1900

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	280000.00N/0985433.00W	1.30	504	444	215	8	4B	300		RA96	840
CATEGORY B											
TREE	280000.00N/0985433.00W	1.82	524	444	215	8	4B	300		RA96 HA20	860
CATEGORY C											
TREE	275739.00N/0985515.00W	2.85	544	480	215	8	4B	300		RA96	880

CIRCLING REMARKS:

MSA

CENTER

RW33

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (48-036721)	273133.47N/0985529.53W	180	27.9	1417	500	50	5D	1000			2500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZHU ARTCC, SJT FSS

<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	COT	24	COT	32.73	Y	96
<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>
AWOS-3	HBV	24	HBV	39.65	Y	137

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
0XA4 336, COT 474
RA = 95.2

RASS PRESSURE PATTERNS THE SAME
0XA4 336, HBV 663
RA = 136.6

<u>PRIMARY NAVAID</u>	<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>
RW15 - HIRL (PCL), TAXI WAY (PCL)		BSC-G	
RW33 - HIRL (PCL), TAXI WAY (PCL)		BSC-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>
3.00	336.1	40.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	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:

ORDER 8260.3 CHAPTER 2 APPLIED TO 630 AAO 275542.00N/0984912.00W, 594 AAO 275542N/0984954W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FOR CONTINGENCY PURPOSES ONLY: USE COT ALTIMETER SETTING; WHEN NOT RECEIVED, USE HBV ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LP VISIBILITY CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
VDP NOT ESTABLISHED - REMOTE PRIMARY ALTIMETER.
VEGETATION HEIGHT: 50FT, PER FPT.
TAA NOT DEVELOPED PER FPT.
LPV AND LNAV/VNAV NOT DEVELOPED: LIMITED SURVEY DATA AVAILABLE.
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	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	333.24
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	400
DISTANCE FROM	THLD	TO 1500FT POINT	10.70
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	333.25
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)	275927.49N/0985245.72W
ARP COORDINATES	275949.60N/0985258.30W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 15 DISTANCE 0.41 NM
FAF COORDINATES	275527.32N/0985029.26W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
TIMOTHY JOHNSON	AJV-A421	11/29/2024	AERONAUTICAL INFORMATION SPECIALIST

