

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> KALI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1G	<u>CITY</u> ALICE	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 178	<u>TDZE</u> 174	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1F	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
CRP VORTAC		EDERY		TF	FB	1.00	227.72	24.05	2600
EDERY	IAF	ITDAZ	NOPT	TF	FB	1.00	218.59	5.00	2600
LOCOE	IAF	ITDAZ	NOPT	TF	FB	1.00	314.86	23.23	2600
ITDAZ	IF/IAF	CITCU		TF	FB	1.00	308.56	6.00	1800
CITCU	FAF	RW31	MAP	TF	FO	0.30	308.52	4.91	
RW31	MAP	437 MSL		CA			308.52		
437 MSL		UWAGO		DF	FO	1.00			2100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT UWAGO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE ITDAZ, RT, 308.56 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 308.52FAF: CITCUDIST FAF TO MAP: 4.91DIST FAF TO THLD: 4.91

4. MIN ALT: ITDAZ 2600, CITCU 1800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:263 HAT: 0.69GS ANT:

6. MIN GP INCPT: 1800GP ALT AT PFAF : CITCUOM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 47.0

8. MSA FROM: RW31 2200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NUECES COUNTY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRP VORTAC ON AIRWAY RADIALS 169 CW 305.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NUECES COUNTY ALTIMETER SETTING: INCREASE LPV DA TO 494 FEET, LNAV/VNAV DA TO 524 FEET; INCREASE ALL MDA 60 FEET AND LNAV CAT C AND D, AND CIRCLING CAT D VISIBILITY 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES TO 7/8 SM.
CHART NOTE: FOR INOPERATIVE ALS WITH NUECES COUNTY ALTIMETER SETTING, INCREASE ALL LPV VISIBILITIES TO 7/8 SM AND LNAV CAT C AND D VISIBILITY TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 128.41 INBOUND.
CHART FAS OBST: 255 POWER LINE 274100N/0975800W.
CHART VDP AT 0.95 NM TO RW31.
WAAS CHANNEL # 81813
REFERENCE PATH ID: W31A
LTP HAE: 24.3 M

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
LPV DA	437	3/4	263	437	3/4	263	437	3/4	263	437	3/4	263			
LNAV/VNAV DA	467	3/4	293	467	3/4	293	467	3/4	293	467	3/4	293			
LNAV MDA	520	3/4	346	520	3/4	346	520	3/4	346	520	3/4	346			
CIRCLING	600	1	422	640	1	462	700	1 1/2	522	900	2 1/4	722			



CHANGES - REASONS

1. INCORPORATED P-NOTAM 1/2273 FOR AMDT 1F; NEW CIRCLING CRITERIA.
2. INCORPORATED P-NOTAM 5/4863 FOR AMDT 1E; THRESHOLD ELEVATION TO TOUCHDOWN ZONE ELEVATION.
3. ADDED "MAX 14000" IN PROFILE LINE 2 -- UPDATED IAW UPDATED IAW 8260.19I, 8-6-7.B(2).
4. CHANGED DISTANCE TO THRESHOLD FROM 263 HAT FROM "0.68" TO "0.69" IN PROFILE LINE 5 -- TARGETS 7.1 CALCULATION.
5. CHANGED 34:1 FROM "IS NOT CLEAR" TO "IS CLEAR" AND ADDED "20:1 IS CLEAR" IN PROFILE LINE 7 -- TARGETS 7.1 EVALUATION CONFIRMS CLEAR.
6. DELETED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
7. CHANGE UNCOMPENSATED BARO-VNAV NOTE FROM "...ABOVE 48C" TO "...ABOVE 54C" AND REMOVED FAHRENHEIT TEMPERATURES -- TARGETS 7.1 CALCULATION AND UPDATED IAW 8260.19I, 8-6-9.R.
8. CHANGED ARRIVAL PLANVIEW NOTE FROM "...169 CW 184" TO "...169 CW 305" -- GREATER THAN 90 DEGREE TURNS TO 228 COURSE TO EDERY IAW 8260.58B, 1-2-5.A(3).
9. CHANGED BACKUP ALTIMETER NOTE FROM "...LPV DA TO 493 FEET, LNAV/VNAV DA TO 523 FEET AND LNAV/VNAV VISIBILITY TO 7/8 SM" TO "...LPV DA TO 494 FEET, LNAV/VNAV DA TO 524 FEET" -- TARGETS 7.1 CALCULATION AND 8260.3E VISIBILITY TABLES.
10. CHANGED INOPERATIVE ALS NOTE FROM "FOR INOP MALs, INCREASE LPV ALL CATs VISIBILITY TO 7/8 MILE" TO "FOR INOPERATIVE ALS, INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES TO 7/8 SM" -- UPDATED IAW 8260.19I, 8-6-11.O(3).
11. CHANGED INOPERATIVE ALS BACKUP ALTIMETER NOTE FROM "FOR INOP MALs...INCREASE LPV ALL CATs AND LNAV CATs C, D VISIBILITY TO 1 1/8 MILE" TO "FOR INOPERATIVE ALS...INCREASE ALL LPV VISIBILITIES TO 7/8 SM AND LNAV CATs C AND D VISIBILITY TO 1 1/8 SM" -- UPDATED IAW 8260.19I, 8-6-11.O(3) AND 8260.3E VISIBILITY TABLES.
12. CHANGED NOTE FROM "VDP NA WITH NUECES COUNTY ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING NUECES COUNTY ALTIMETER SETTING" -- KRBO ALTIMETER IS REMOTE; 8260.19I, 8-6-9.3(8) AND (9).
13. DELETED "CHART FAS OBST: 197 TREE 274402N/0980101W" IN ADDITIONAL FLIGHT DATA -- LNAV/VNAV OBSTACLE; UPDATED IAW 8260.19I, 8-6-10.C.
14. CHANGED VDP DME FROM "0.96" TO "0.95" IN ADDITIONAL FLIGHT DATA -- TARGETS 7.1 CALCULATION.
15. DELETED "** LNAV ONLY" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 1-1-5.F(12).
16. CHANGED CIRCLING CAT C CMDA/HAA FROM "680/502" TO "700/522" -- NEW CONTROLLING OBSTACLE.
17. TERMINAL ROUTES: UPDATED CA ALTITUDE FROM 430 TO 437 - 8260.58 3-5-2B.
18. DELETED NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA - 34:1 IS CLEAR.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZHU, KINGSVILLE APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by
JASON KRETSCHMER
Jul 10, 2023

DEVELOPED BY

ALLAN WILL (DANIEL C JOHNSEN)

Digitally signed by
JASON KRETSCHMER
Jul 10, 2023

OFFICE

AJV-A423

DATE

04/24/2023

APPROVED BY

ALLAN WILL

Digitally signed by
JASON KRETSCHMER
Jul 10, 2023

OFFICE

AJV-A423

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALI
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	274401.5200N
LTP/FTP LONGITUDE	0980114.4000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00243
FPAP LATITUDE	274504.1300N
FPAP LONGITUDE	0980226.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5FB6637C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00507
FPAP ORTHOMETRIC HEIGHT	+00507

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

<u>AIRPORT ID</u> KALI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>AMDT NO.</u> 1G	<u>CITY</u> ALICE	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 178	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
CRP VORTAC

TO
EDERY

<u>RNP</u>	<u>DISTANCE</u> 24.05	<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.TOWERS (44-9986)	274524.00N/0973626.00W		1049	1000	125	6E	1000				AT551	2600
2.TERRAIN	274748.00N/0974257.00W		135 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
EDERY

TO
ITDAZ

<u>RNP</u>	<u>DISTANCE</u> 5.00	<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>
3.TOWER (44-1579)	274218.00N/0975157.00W		470	250	50	4D	1000				AT1130	2600
4.TERRAIN	274218.00N/0975157.00W		105 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM
LOCOE

TO
ITDAZ

RNP	DISTANCE 23.23	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (44-9713)	273512.00N/0974923.00W		372	50	20	2C	1000				AT1228	2600
6.TERRAIN	273527.00N/0975342.00W		92 (100)								AS1500	1600

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

INTERMEDIATE

FROM
ITDAZ (IF/IAF)

TO
CITCU

<u>RNP</u>	<u>DISTANCE</u> 6.00	<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>
7.TOWER (44-3752)	274011.00N/0975500.00W		435	500	50	5D	500				DG865	1800
8.TERRAIN	273918.00N/0975754.00W		138 (100)								AS1500	1600

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



FINAL: LPV

FROM
CITCU

TO
RW31

RNP	DISTANCE 4.91	PAT	MAP DA	HAT 263	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TREE (KALI0016)	274355.89N/0980101.45W		189	20	3	1A		ASC				437

COMPUTATIONS

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

FINAL: LNAV/VNAV

FROM
CITCU

TO
RW31

RNP	DISTANCE 4.91	PAT	MAP DA	HAT 293	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC			XP93	467

COMPUTATIONS

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

MAINTAIN CURRENT MINIMUMS.



FINAL: LNAV

FROM

CITCU

TO

RW31

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.91		RW31		346							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.POWER LINE	274100.00N/0975800.00W		255	50	20	2C	250					520

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

ITDAZ

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (44-3752)	274011.00N/0975500.00W		435	500	50	5D	1000				AT1165	2600
11.TERRAIN	273712.00N/0975639.00W		128 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM
DA

TO
UWAGO

RNP	DISTANCE	PAT	MAP	HAT			HMAS 240					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2100
12.TOWER (48-008087)	275258.08N/0980826.02W		775	250	3	4A	1000					1800
13.TERRAIN	275224.00N/0981112.00W		332 (300)								AS1500	1800

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

MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
UWAGO

RNP	DISTANCE	PAT	MAP	HAT			HMAS 306					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2100
12.TOWER (48-008087)	275258.08N/0980826.02W		775	250	3	4A	1000					1800
13.TERRAIN	275224.00N/0981112.00W		332 (300)								AS1500	1800

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



MISSED APPROACH : LNAV

FROM

RW31

TO

UWAGO

RNP	DISTANCE	PAT	MAP	HAT			HMAS 420					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2100
12.TOWER (48-008087)	275258.08N/0980826.02W		775	250	3	4A	1000					1800
13.TERRAIN	275224.00N/0981112.00W		332 (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											
14.POLE (48-027729)	274547.25N/0980246.02W	1.30	422	299	20	3	1A	300			600
CATEGORY B											
15.TOWER (48-174203)	274623.53N/0980211.10W	1.81	462	334	20	3	1A	300			640
CATEGORY C											
16.TOWER (48-186959)	274340.78N/0980457.58W	2.85	522	399	20	3	1A	300			700
CATEGORY D											
17.TOWER (48-001741)	274520.00N/0980605.00W	3.71	722	585	100	20	3C	300			900

CIRCLING REMARKS:



MSA

CENTER

RW31

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (48-002800)	275129.58N/0983248.24W	279	29.0	1122	50	20	2C	1000			2200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED DUE TO CLOSE PROXIMITY OF INTERNATIONAL BORDER WITH MEXICO AND RESTRICTED AREAS.

VEGETATION HEIGHT: 40 FEET PER FPO.

OBSTACLE 10: LNAV FINAL CONTROLLING OBSTACLE DETERMINED BY TOPOZONE AND CONTACT WITH LOCAL POWER COMPANY. INFORMATION OBTAINED FROM RNAV (GPS) RWY 31, ORIG.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
KINGSVILLE APP CON, ZHU ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KALI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KALI	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KRBO	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRBO	<u>DISTANCE</u> 18.02	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 57

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KALI 178, KRBO 77
RA = 56.1.

<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>
RW13 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW17 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW31 - MALS (PCL), MIRL (PCL)		NPI-G	
RW35 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 166.5	<u>TCH</u> 47.0	<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	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -15C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -15C	<u>APT ISA</u> +14.65C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 970 HIGH TEMP 1263.



"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:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KALI	PROCEDURE NAME RNAV (GPS) RWY 31	AMDT NO. 1G	CITY ALICE	STATE TX	AIRPORT ELEVATION 178	FACILITY RNAV
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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	3.06
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	314.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	THLD	TO 1500FT POINT	4.71
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	314.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	200

THRESHOLD
COORDINATES
(IF STR-IN)

274401.52N/0980114.40W

ARP COORDINATES

274427.20N/0980137.00W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 31 DISTANCE 0.54 NM

FAF
COORDINATES

274034.41N/0975717.65W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY
12
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 10 of 11

PART E: PREPARED BY

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