

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
COPTER 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.

HELIPORT ID 2XS9	PROCEDURE NAME COPTER RNAV (GPS) M 331	ORIGINAL/AMENDMENT ORIG	CITY UVALDE	STATE TX		
SURFACE ELEVATION 959	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT NONE	DATED	MAG VAR 4E	EPOCH YEAR 2025
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JEEKO	IAF	KAPEC		TF	FB	1.00	060.96	3.00	2600
BUXQU	IAF	KAPEC		TF	FB	1.00	316.47	4.54	2600
KAPEC	IF	TOCCO		TF	FB	1.00	330.99	3.00	2600
TOCCO	FAF	REXXI	MAP	TF	FO	0.30	330.98	3.00	
REXXI	MAP	1340 MSL		CA			330.98		
1340 MSL		JEEKO		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LNAV: REXXI

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3500 DIRECT JEEKO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT KAPEC

3. FAC: 330.98

FAF: TOCCO

DIST FAF TO MAP: 3.00

DIST FAF TO THLD:

4. MIN ALT: KAPEC 2600, TOCCO 2600

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAS:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM: REXXI 3500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM.
CHART PLANVIEW NOTE: PROCEED VFR FROM REXXI OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS.
CHART PLANVIEW NOTE: LIMIT INITIAL AND INTERMEDIATE APPROACH TO 90 KIAS.
CHART PLANVIEW NOTE: INCREASE TO 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE; MAINTAIN 90 KIAS WHILE IN HOLDING.
CHART NOTE: USE OF UVALDE COUNTY HOSPITAL AUTHORITY REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: USE UVALDE ALTIMETER SETTING; WHEN NOT RECEIVED, USE HONDO ALTIMETER SETTING AND INCREASE MDA 80 FEET.

ADDITIONAL FLIGHT DATA:

CHART: UVALDE (KUVA) AWOS-3.
CHART IN PLANVIEW: GARNER FLD (KUVA).
CHART: 1095 TOWER 291301N/0994631W.
HOLD SW, LT, 060.96 INBOUND.
CHART FAS OBST: 1024 TREE 291144N/0994454W.
1160 AAO 290855N/0994642W.
UVALDE COUNTY HOSPITAL AUTHORITY, 2XS9, 918.0, 330.97/0.65

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:	COPTER														
FINAL TYPE	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS
LNAV MDA	1340	3/4	381		NA			NA			NA				

CHANGES - REASONS



HELIPORT ID
2XS9

PROCEDURE NAME
COPTER RNAV (GPS) M 331

ORIGINAL/AMENDMENT
ORIG

CITY
UVALDE

STATE
TX

SUBMITTED BY

OFFICE

DATE

FLIGHT CHECKED BY

Digitally signed by

JOHN BORDY

TERRY HESTER

Nov 15, 2023

OFFICE

FPO

DATE

11/14/2023

DEVELOPED BY

Digitally signed by

JOHN BORDY

DALE SICKELS (RICHARD BRUCE)

Digitally signed by Nov 15, 2023

OFFICE

AJV-A33

DATE

04/10/2023

RECOMMENDED BY

JOHN BORDY

JOHN BORDY

Nov 15, 2023

OFFICE

AJV-A33

DATE

10/15/2023

TITLE

MANAGER

APPROVED BY

OFFICE

AFS-400

DATE

TITLE

QUALITY
42
CHECKED

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

<u>HELIPORT ID</u> 2XS9	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) M 331	<u>AMDT NO.</u> ORIG	<u>CITY</u> UVALDE	<u>STATE</u> TX	<u>SURFACE ELEVATION</u> 959	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
JEEKO

TO
KAPEC

<u>RNP</u>	<u>DISTANCE</u> 3.00	<u>PAT</u>	<u>MAP</u>	<u>HAS</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	290703.00N/0994636.00W	1149	164	98	4E	1000				AT451	2600
												TERRAIN	290703.00N/0994636.00W	948 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
BUXQU

TO
KAPEC

<u>RNP</u>	<u>DISTANCE</u> 4.54	<u>PAT</u>	<u>MAP</u>	<u>HAS</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	290603.00N/0994327.00W	1122	164	98	4E	1000				AT478	2600
												TERRAIN	290557.00N/0994336.00W	921 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE

FROM
KAPEC

TO
TOCCO

RNP	DISTANCE 3.00	PAT	MAP	HAS			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	290706.00N/0994633.00W		1149	164	98	4E	500				AC98	1800
TERRAIN	290933.00N/0994248.00W		1066 (1100)								AS1500	2600

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

FROM
TOCCO

TO
REXXI

<u>RNP</u>	<u>DISTANCE</u> 3.00	<u>PAT</u>	<u>MAP</u> REXXI	<u>HAS</u> 381			<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	291143.66N/0994454.35W		1024	50	20	2C	250				MA58	1340

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
REXXI

TO
JEEKO

RNP	DISTANCE	PAT	MAP	HAS			HMAS 1240					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (48-004694)	291147.00N/0994649.00W		1188	500	50	5D		ASC			AC50	3500
TOWER (48-005030)	291053.00N/0994856.00W		1390	50	20	2C	1000					2400
TERRAIN	291051.00N/0994857.00W		1000 (1000)								AS1500	2500

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

MSA

CENTER
REXXI

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	294000.36N/0994934.49W	349	28.0	2480	50	20	2C	1000			3500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZHU ARTCC

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KUVA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KUVA	<u>DISTANCE</u> 1.29	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KHDO	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHDO	<u>DISTANCE</u> 32.21	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 76

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
2XS9 918, KUVA 942, KHDO 930
DIST KUVA TO REXXI: 1.14 NM, DIST KHDO TO REXXI: 32.11 NM
RA = KUVA 0.0, KHDO 75.55

<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>
01H - LIRLNSTD		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>
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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>	<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

1095 TOWER 291301.00N/0994631.00W (48-006996).

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:
VDP NOT ESTABLISHED - POINT-IN-SPACE PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT 55 FEET, PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1160 AAO 290855.00N/0994642.00W.



HELIPORT ID 2XS9	PROCEDURE NAME COPTER RNAV (GPS) M 331	AMDT NO. ORIG	CITY UVALDE	STATE TX	SURFACE ELEVATION 959	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	MAP	TO 1000FT POINT	1.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	334.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	MAP	TO 1500FT POINT	2.80
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	334.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD
COORDINATES
(IF STR-IN)

ARP COORDINATES291245.45N/0994605.45W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

FAF
COORDINATES290926.50N/0994419.62W

FIX NAME
COORDINATESMAP REXXI: 291210.02N/0994546.60W

REMARKS

PINS PROCEDURE. AIRSPACE CALCULATED FROM MAP REXXI.

QUALITY

42

CHECKED

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

Electronic Version

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PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DALE SICKELS (RICHARD BRUCE)	AJV-A33	04/10/2023	AERONAUTICAL INFORMATION SPECIALIST

