

**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.

AIRPORT ID SRR	PROCEDURE NAME RNAV (GPS) RWY 24	ORIGINAL/AMENDMENT 1	CITY RUIDOSO	STATE NM
AIRPORT ELEVATION 6814	TDZE 6771	SUPERSEDED RNAV (GPS) RWY 24	DATED 03/25/2021	MAG VAR 10E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 18 APRIL 2024	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
		ORIG-B	CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
REYOK	IAF	PLATS		TF	FB	1.00	237.60	16.09	10700
LOVER	IAF	PLATS		TF	FB	1.00	282.78	14.17	10700
PLATS	IF	OKUYU		TF	FB	1.00	251.43	6.77	9300
OKUYU		HANTE		TF	FB	1.00	241.49	2.10	9000
HANTE	FAF	RW24	MAP	TF	FO	0.30	241.47	6.90	
RW24	MAP	7500 MSL		CA			241.47		7500
7500 MSL		COOPS		DF	FO				10000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7500 THEN CLIMBING LEFT TURN TO 10000 DIRECT COOPS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT PLATS
- FAC: 241.47 FAF: HANTE DIST FAF TO MAP: 6.90 DIST FAF TO THLD: 6.90
- MIN ALT: PLATS 10700, OKUYU 9300, HANTE 9000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.53 GS ANT: MM: IM:
- MIN GP INCPT: 9000 GP ALT AT FAF: HANTE 9000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 51.0
- MSA FROM: RW24 13200



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING RWY 12 NA AT NIGHT.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT REYOK ON V68-83 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART BEAK A, B, AND C MOAS.
 CHART MANDATORY 9300 AT OKUYU.
 HOLD SE, RT, 303.00 INBOUND.
 FAS OBST: 7077 AAO 332845N/1052648W.
 CHART VDP AT 1.85 NM TO RW24.
 WAAS CHANNEL # 53420
 REFERENCE PATH ID: W24A
 LTP HAE: 2038 M

MINIMUMS:

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

ALTERNATE: NA STANDARD; STANDARD - CAT C 800-2 1/4, CAT D 1100-3

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	6971	3/4	200	6971	3/4	200	6971	3/4	200	6971	3/4	200			
LNAV/VNAV DA	7220	1 3/8	449	7220	1 3/8	449	7220	1 3/8	449	7220	1 3/8	449			
LNAV MDA	7380	1	609	7380	1	609	7380	1 3/4	609	7380	1 3/4	609			
CIRCLING	7380	1	566	7380	1	566	7600	2 1/4	786	7860	3	1046			



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED REYOK TO PLATS LEG COURSE/DISTANCE FROM "241.73/19.14" TO "237.60/16.09" - PLATS MOVED 3.3NM TO EAST.
2. TERMINAL ROUTES: UPDATED LOVER TO PLATS LEG COURSE/DISTANCE FROM "278.96/17.30" TO "282.78/14.17" - PLATS MOVED 3.3NM TO EAST.
3. TERMINAL ROUTES: UPDATED PLATS TO OKUYU LEG COURSE/DISTANCE/ALTITUDE FROM "241.53/2.84/9900" TO "251.43/6.77/9300" - PLATS MOVED 3.3NM TO EAST AND OKUYU MOVED 0.75 NM WEST.
4. TERMINAL ROUTES: UPDATED OKUYU TO HANTE LEG COURSE/DISTANCE FROM "241.50/2.85" TO "241.49/2.10" - OKUYU MOVED 0.75 NM WEST AND HANTE MOVED 2 FT TO EAST.
5. PROFILE LINE 5: ADDED 200 HAT: "0.53" - IAW 8260.191 8-6-7 E.
6. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - 8260.191, 8-6-8B2.
7. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28°C OR ABOVE 48°C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28°C OR ABOVE 54°C" - 8260.191 8-6-9.
8. NOTES: DELETED "CIRCLING NA TO RWY 12/30" - PER FPT REQUEST AND NEW EVALUATION.
9. NOTES: ADDED "CHART NOTE: CIRCLING TO RWY 12 NA AT NIGHT" - UNLIT 20:1 PENETRATION TO RWY 12.
10. NOTES: DELETED PROFILE NOTE FROM VGSI AND DESCENT ANGLES NOT COINCIDENT - VGSI REMOVED FROM RWY 24.
11. ADDITIONAL FLIGHT DATA: ADDED "CHART BEAK A, B, AND C MOAS" - FPT REQUEST TO MATCH OTHER IAP AT AIRPORT.
12. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "6859 TREE 332739N/1053020W" TO "7077 AAO 332845N/1052648W" - NEW EVALUATION.
13. ADDITIONAL FLIGHT DATA: ADDED CHART VDP AT 1.85 NM TO RW24 - PER 8260.3E 2-6-5
14. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 9300 AT OKUYU" - MANDATORY ALTITUDE.
15. ALTERNATE MINIMUMS: UPDATED FROM "NA" TO "STANDARD - CAT C 800-2 3/4, CAT D 1200-3" - NEW EVALUATION.
16. MINIMUMS: UPDATED LNAV/VNAV VISIBILITY ALL CATS FROM "1 1/2" TO "1 3/8" - NEW EVALUATION.
17. FAS DATA: UPDATED FPAP COORDINATES FROM "332730.5900N/1053300.6400" TO "332730.5850N/1053300.6370W" - NEW PFAF LOCATION AND EVALUATION.
18. FAS DATA: UPDATED LENGTH OFFSET FROM "0280" TO "0272" - NEW EVALUATION.
19. FAS DATA: CRC REMAINDER UPDATED FROM "C6D2C505" TO "DEB17533" - NEW EVALUATION.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZAB, AMGR

FLIGHT CHECKED BY

Digitally signed by
BEV L BORDY
Feb 15, 2024

OFFICE

FPO

DATE

11/21/2023

DEVELOPED BY

SCOTT LINDHOLM

Digitally signed by
SCOTT E LINDHOLM
Oct 03, 2023

OFFICE

AJV-A431

DATE

04/19/2023

APPROVED BY

ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Oct 16, 2023

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSRR
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	332759.0710N
LTP/FTP LONGITUDE	1053119.7025W
LTP/FTP ELLIPSOIDAL HEIGHT	+20380
FPAP LATITUDE	332730.5850N
FPAP LONGITUDE	1053300.6370W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0272
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER DEB17533

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+20577
FPAP ORTHOMETRIC HEIGHT	+20577

