

**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> KSUO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> ROSEBUD	<u>STATE</u> SD		
<u>AIRPORT ELEVATION</u> 2724	<u>TDZE</u> 2724	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 254/30 CW 074/30	NOPT	GLUGS	IF/IAF	5000
2. 074/30 CW 254/30		GLUGS	IF/IAF	5000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GLUGS	IF/IAF	ROLFS		TF	FB	1.00	343.66	6.00	4200
ROLFS	FAF	RW34	MAP	TF	FO	0.30	343.64	4.51	
RW34	MAP	3400 MSL		CA			343.64		3400
3400 MSL		GLUGS		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 THEN CLIMBING RIGHT TURN TO 5000 DIRECT GLUGS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S GLUGS, RT, 343.66 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 343.64FAF: ROLFSDIST FAF TO MAP: 4.51DIST FAF TO THLD: 4.51

4. MIN ALT: GLUGS 5000, ROLFS 4200

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 NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE VALENTINE ALTIMETER SETTING, WHEN NOT RECEIVED, USE MARTIN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT B 1/4 SM, CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT B 1/4 SM, CAT C 1/2 SM.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART VALENTINE ASOS
FAS OBST: 3040 AAO 431120N/1005043W.
3120 AAO 431035N/1005014W.
CHART CIRCLING ICON.
ROLFS TO RW34: 3.00/40.

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
LNAV MDA	3380	1	656	3380	1	656	3380	1 7/8	656		NA				
CIRCLING	3380	1	656	3380	1	656	3440	2	716		NA				



CHANGES - REASONS

1. REMOVED LPV MINIMUMS AND ASSOCIATED NOTES - LPV VGS PENETRATIONS EXIST.
2. CHANGED NOTE FROM DME/DME RNP-0.3 NA PBN REQUIREMENTS RNP APCH - GPS - IAW 8260.19I 8-6-8 B.
3. CHANGED NOTE FROM RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19I 8-6-11 K 1 (3).
4. ADDED 20:1 IS NOT CLEAR - 20:1 PENETRATIONS TO THE SURFACE EXIST.
5. CHANGED LNAV MDA/HAT CATS A/B/C FROM 3320/596, VIS CAT C 1 3/4 TO MDA 3380/HAT 656 CATS A/B/C VIS CAT C 1 7/8 - NEW CONTROLLING OBSTACLE FROM ANTENNA 2975 MSL (46-023597) 431347.68N/1005037.99W AC 1A TO AAO 3040 MSL 431120.26N/1005043.09W AC 2C.
6. REMOVED NOTE DO NOT EXCEED 165 KIAS UNTIL GLUGS FROM MISSED APPROACH INSTRUCTIONS - NO LONGER REQUIRED UNDER CURRENT CRITERIA.
7. ADDED NOTE VALENTINE ASOS - IAW 8260.19I 8-2-4 B 3.
8. ADDED BACKUP ALTIMETER NOTE: USE VALENTINE ALTIMETER SETTING, WHEN NOT RECEIVED, USE MARTIN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT B 1/4 SM, CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT B 1/4 SM, CAT C 1/2 SM - IAW 8260.19I 8-6-9 F.
9. CHANGED NOTE FROM USE VALENTINE ALTIMETER SETTING, WHEN NOT RECEIVED PROCEDURE NA TO PROCEDURE NA AT NIGHT - UNLIT 20:1 OBSTACLES.
10. CHANGED CIRCLING CAT A MDA/HAA FROM 3340/616, CAT B MDA/HAA FROM 3360/636 TO CIRCLING CAT A/B MDA 3380/HAA 656 - TO MATCH FINAL STRAIGHT-IN MINIMUMS.
11. ADDED ROLFS TO RW34: 3.00/40 - IAW 8260.19I 8-6-10 O.
12. INCORPORATED CHANGES FROM ACTIVE NOTAM - CANCELS NOTAM !FDC 2/7151.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, HON FSS, AMGR

FLIGHT CHECKED BY

EDWARD W MESA

OFFICE

FPO

DATE

10/12/2022

Digitally signed by
DONALD E SMITH
Oct 17, 2022

DEVELOPED BY

ARTHUR ULVESTAD

*Digitally signed by***ARTHUR M ULVESTAD**

Aug 10, 2022

OFFICE

AJV-A413

DATE

07/27/2022

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A410

DATE

TITLE
MANAGER

Digitally signed by
DONALD E SMITH
Oct 17, 2022

QUALITY
16
CHECKED