

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

MISSED APPROACH

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|-----------------------|----------------------------|---------------------|----------|
| AHUFU (IF/IAF) | EZIFU (FB) | 082.72 / 7.40 | 5200 |
| EZIFU (FAF) | YEYUC/2.90 NM TO RW08 (FB) | 082.83 / 3.06 | |
| YEYUC/2.90 NM TO RW08 | RW08 (MAP) (FO) | 082.87 / 2.90 | |
| RW08 (MAP) | 3510 MSL | 082.87 | |
| 3510 MSL | TUKWY (FO) | | 5200 |

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

CLIMB TO 5200 DIRECT TUKWY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 263.11 INBOUND.
CHART FAS OBST: 3549 TREE 410716N/1015009W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.57 MILES TO RW08*
*LNAV ONLY.
WAAS CHANNEL # 57903
REFERENCE PATH ID: W08A
LTP HAE: 972.9 M

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W AHUFU, RT, 082.72 INBOUND, 5300 FT. IN LIEU OF PT (IAF)
- FAC: 082.82 FAF: EZIFU DIST FAF TO MAP: 5.96 THLD: 5.96
- MIN. ALT: AHUFU 5300, EZIFU 5200, YEYUC/2.90 NM TO RW08 4200*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 5200 GS ALT AT: EZIFU 5200 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 7E EPOCH YEAR: 2015

MINIMUMS

| TAKEOFF: | SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | | | ALTERNATE: N A | | | STANDARD @ | | | | | |
|-----------------|--|-------|---------|--------|-------|---------|----------------|-----|---------|------------|-----|---------|--------|-----|---------|
| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| LPV DA | 3510 | 1 | 250 | 3510 | 1 | 250 | | | | | | | | | |
| LNAV/VNAV DA | 3865 | 2 1/4 | 605 | 3865 | 2 1/4 | 605 | | | | | | | | | |
| LNAV MDA | 3800 | 1 | 540 | 3800 | 1 | 540 | | | | | | | | | |
| CIRCLING | 3920 | 1 | 641 | 3960 | 1 | 681 | | | | | | | | | |

NOTES:
CHART NOTE: WHEN RWY 13 VGS I INOPERATIVE, CIRCLING RWY 13 NA AT NIGHT. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMPERIAL ALTIMETER SETTING AND INCREASE (SEE FORM 8260-10)

| | | | | |
|--------------------------------|---|------------------------------|---|-------------------------------------|
| CITY AND STATE OGALLALA, NE | ELEVATION: 3279 THRE: 3260 AIRPORT NAME: SEARLE FIELD | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, AMDT 2 10 JANUARY 2013 | SUP: AMDT: 1 DATED 03/15/2007 |
|--------------------------------|---|------------------------------|---|-------------------------------------|



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RNAV - STANDARD
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NOTES, (CONT.):
 ALL DA 86 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 *LNAV ONLY
 CHART NOTE: VDP AND BARO-VNAV NA WHEN USING IMPERIAL ALTIMETER SETTING.

TAA

| | FROM | TO | ALT |
|----|-------------------------|---------------------|------|
| 1. | 353/30 CW 173/30 (NOPT) | 353/6 CW 173/6 | 5700 |
| 2. | 353/6 CW 173/6 | AHUFU (IF/IAF) (FB) | 5300 |
| 3. | 173/30 CW 353/30 | 173/5 CW 353/5 | 5600 |
| 4. | 173/5 CW 353/5 | AHUFU (IF/IAF) (FO) | 5300 |



| | | | | |
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
 RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
 FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KOGA |
| RUNWAY | RW08 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W08A |
| LTP/FTP LATITUDE | 410704.0695N |
| LTP/FTP LONGITUDE | 1014652.1175W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +09729 |
| FPAP LATITUDE | 410704.1900N |
| FPAP LONGITUDE | 1014454.2300W |
| 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 | 1192 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |

CRC REMAINDER EA402F95

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K3 |
| LTP ORTHOMETRIC HEIGHT | +09938 |
| FPAP ORTHOMETRIC HEIGHT | +09938 |



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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|---------------|----------|----------|----------|
| | AHUFU | AHUFU | 010 | IAF | HF | R | FO | | 082.7(089.7T) | 005.0 | AA 05300 | |
| | | AHUFU | 010 | FACF | IF | | FB | | | | AA 05300 | |
| | | EZIFU | 020 | FAF | TF | | FB | 0.5 | 082.7(089.7T) | 007.4 | AA 05200 | |
| | | YEYUC | 021 | SDF | TF | | FB | 0.3 | 082.8(089.8T) | 003.1 | AA 04200 | GS 04224 |
| | | RW08 | 030 | MAP | TF | | FO | 0.3 | 082.9(089.9T) | 002.9 | AT 03300 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|---------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 082.9(089.9T) | | AA 03510 | |
| | TUKWY | 050 | | DF | | FO | | | | AA 05200 | |
| | TUKWY | 060 | | HM | R | FO | | 263.1(270.1T) | 005.0 | AA 05200 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | AHUFU | N410701.45 | W1020432.70 | N4107.024 | W10204.545 |
| | EZIFU | N410703.24 | W1015445.59 | N4107.054 | W10154.760 |
| | TUKWY | N410703.88 | W1012917.12 | N4107.065 | W10129.285 |
| | YEYUC | N410703.73 | W1015042.34 | N4107.062 | W10150.706 |
| | RW08 | N410704.07 | W1014652.12 | N4107.068 | W10146.869 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
| | RW08 | 03260 | 40 |



| | | | | |
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