# 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 | PROCEDURE NAME | ORIGINAL/AMENDMENT | CITY | STATE |
|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ |

| AIRPORT ELEVATION | TDZE | SUPERSEDED | ORIGINAL/AMENDMENT | DATED | MAG VAR | EPOCH YEAR |
|---|---|---|---|---|---|---|
| 783 | 759 | RNAV (GPS) RWY 14 | ORIG-B | 11/05/2020 | 13E | 1985 |

| FACILITY | COORDINATES OF FACILITIES | ACTUAL EFFECTIVE DATE | REQUIRED EFFECTIVE DATE | CANCEL/SUSPEND |
|---|---|---|---|---|
| RNAV | | | ROUTINE | |

**TERMINAL ROUTES**

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|---|---|---|---|---|---|---|---|---|---|
| EED VORTAC | IF/IAF | PEYON | | TF | FB | 1.00 | 148.92 | 6.06 | 3100 |
| PEYON | FAF | RACOG/5.10 NM TO RW14 | | TF | FB | 0.30 | 133.60 | 1.30 | |
| RACOG/5.10 NM TO RW14 | | RW14 | MAP | TF | FO | 0.30 | 133.60 | 5.10 | |
| RW14 | MAP | 2600 MSL | | CA | | | 133.60 | | 2600 |
| 2600 MSL | | EED VORTAC | | DF | FO | 1.00 | | | 6000 |

**MISSED APPROACH**

**MAP:**
LP: RW14
LNAV: RW14

**MISSED APPROACH INSTRUCTIONS:**
(DO NOT EXCEED 240 KIAS UNTIL EED VORTAC) CLIMB TO 2600 THEN CLIMBING RIGHT TURN TO 6000 DIRECT EED VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY 22 CHECKED

**PROFILE:**

**1. PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)

**2.** HOLD NW EED VORTAC, RT, 153.92 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 14000.

**3. FAC:** 133.60 **FAF:** PEYON **DIST FAF TO MAP:** 6.40 **DIST FAF TO THLD:** 6.40

**4. MIN ALT:** EED VORTAC 5000, PEYON 3100, RACOG/5.10 NM TO RW14 2620

**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 CLEAR **20:1:** IS CLEAR **TCH:**

**8. MSA FROM:** RW14 8300

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING NA NE OF RWY 14-32.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

PEYON TO RW14: 3.40/40
*LP ONLY.
FAS OBST: 2052 AAO 343936N/1142459W, 1879 AAO 343747N/1142428W.
CHART VDP AT 3.56 NM TO RW14*.
WAAS CHANNEL # 53330
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.
LTP HAE: 197.5 M

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

**ALTERNATE:** **NA** ☐ CAT A, B 1600-2, CAT C, D 1600-3, 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 |
| LP MDA | 2140 | 1 1/4 | 1381 | 2140 | 1 1/2 | 1381 | 2140 | 3 | 1381 | 2140 | 3 | 1381 | | | |
| LNAV MDA | 2320 | 1 1/4 | 1561 | 2320 | 1 1/2 | 1561 | 2320 | 3 | 1561 | 2320 | 3 | 1561 | | | |
| CIRCLING | 2320 | 1 1/4 | 1537 | 2320 | 1 1/2 | 1537 | 2320 | 3 | 1537 | 2320 | 3 | 1537 | | | |

**CHANGES - REASONS**

THIS AMENDMENT INCORPORATES PREVIOUS P-NOTAMS.
- TERMINAL ROUTE RACOG TO RW14 AND MISSED APPROACH CA LEG COURSE CORRECTED FROM 133.61 TO 133.60 - SHOULD MATCH FINAL COURSE.
- MISSED APPROACH, MOVED SPEED LIMITATION FROM NOTES SECTION TO MISSED APPROACH TEXT - 8260.19H.
- PROFILE SECTION, LINE 2, ADDED MAXIMUM HOLDING ALTITUDE - 8260.19H.
- PROFILE SECTION, LINE 7, ADDED "20:1 IS CLEAR" - 8260.19H.
- REPLACED "DME/DME RNP-0.3 NA" NOTE WITH PBN REQUIREMENTS NOTE "RNP APCH" - 8260.19H.
- UPDATED WORDING OF HELICOPTER NOTE, CHANGED VALUE FROM 1 SM TO 3/4 SM - 20:1 NOW CLEAR, 34:1 STILL PENETRATED.
- REMOVED VGSI INOP NOTE - 20:1 NOW CLEAR.
- BACKUP ALTIMETER NOTES, MOVED TO FORM 8260-9 - 8260.19H.
- ADDED NOTE ABOUT FINAL COURSE OFFSET - 8260.19H.
- ADDITIONAL FLIGHT DATA, ADDED VDP - 20:1 NOW CLEAR.
- ADDITIONAL FLIGHT DATA, LTP HAE CHANGED FROM 197.7M TO 197.5M - UPDATED SURVEY DATA.
- ADDED ALTERNATE MINIMUMS - LOCAL WEATHER NOW ON WMSCR.
- CRC REMAINDER CHANGED FROM 19A059A9 TO B875F2DF - LTP ELLIPSOIDAL HEIGHT CHANGED.

**COORDINATED WITH:**

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZLA, LAKE HAVASU CITY

| | | | | |
|---|---|---|---|---|
| **FLIGHT CHECKED BY** | *Digitally signed by* | **OFFICE** | **DATE** | |
| DANIEL C FAVORITE | ***JASON KRETSCHMER*** | FICO | 12/18/2020 | |
| | Oct 16, 2020 | | | |
| **DEVELOPED BY** | *Digitally signed by* | **OFFICE** | **DATE** | |
| RUSSELL ROSLEWSKI | ***RUSSELL ROSLEWSKI*** | AJV-A421 | 09/08/2020 | |
| | Oct 07, 2020 | | | |
| **APPROVED BY** | | **OFFICE** | **DATE** | **TITLE** |
| MARLON ROBINSON | *Digitally signed by* | AJV-A420 | | MANAGER |
| | ***JASON KRETSCHMER*** | | | |
| | Oct 16, 2020 | | | |

FAS DATA BLOCK INFORMATION

| DATA FIELD | DATA |
|---|---|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KHII |
| RUNWAY | RW14 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W14A |
| LTP/FTP LATITUDE | 343450.1835N |
| LTP/FTP LONGITUDE | 1142153.9750W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01975 |
| FPAP LATITUDE | 343335.6300N |
| FPAP LONGITUDE | 1142054.6500W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00040.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.40 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0000 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| CRC REMAINDER | B875F2DF |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|---|---|
| ICAO CODE | K2 |
| LTP ORTHOMETRIC HEIGHT | +02283 |
| FPAP ORTHOMETRIC HEIGHT | +02283 |

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

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

## PART A: OBSTRUCTION DATA SEGMENTS

### INTERMEDIATE

| FROM | TO |
|---|---|
| EED VORTAC (IF/IAF) | PEYON |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | 6.06 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.AAO | 344021.00N/1142612.00W | 1782 | 164 | 98 | 4E | 500 | | | | AC98 | 2400 |
| 2.TERRAIN | 344021.00N/1142612.00W | 1582 (1600) | | | | | | | | AS1500 | 3100 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

### FINAL: LP

| FROM | TO |
|---|---|
| PEYON | RACOG/5.10 NM TO RW14 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | 1.30 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.AAO | 343945.33N/1142505.29W | 2274 | 50 | 20 | 2C | 250 | | | | XL20 RA69 | 2620 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

**FINAL: LP STEPDOWN**

| FROM | TO |
|---|---|
| RACOG/5.10 NM TO RW14 | RW14 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | 5.10 | | RW14 | 1381 | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.AAO | 343746.65N/1142428.14W | 1879 | 50 | 20 | 2C | 250 | | | | | 2140 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

| FROM | TO |
|---|---|
| PEYON | RACOG/5.10 NM TO RW14 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | 1.30 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.AAO | 343945.33N/1142505.29W | 2274 | 50 | 20 | 2C | 250 | | | | XL20 RA69 | 2620 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

**FINAL: LNAV STEPDOWN**

| FROM | TO |
|---|---|
| RACOG/5.10 NM TO RW14 | RW14 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | 5.10 | | RW14 | 1561 | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.AAO | 343936.42N/1142458.79W | 2052 | 50 | 20 | 2C | 250 | | | | | 2320 |

**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 | TO |
|---|---|
| EED VORTAC | P-6 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | | P-6 | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.AAO | 344103.00N/1143230.00W | 2874 | 164 | 98 | 4E | 1000 | | | | | 3900 |
| 7.TERRAIN | 344103.00N/1143230.00W | 2674 (2700) | | | | | | | | AS1500 | 4200 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

**MISSED APPROACH : LP**

| FROM | TO |
|---|---|
| RW14 | EED VORTAC |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | | | | | 2040 |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ASC | | | | 6000 |
| 8.AAO | 343339.00N/1142954.00W | 2937 | 164 | 98 | 4E | 1000 | | | | | 4000 |
| 9.TERRAIN | 343339.00N/1142954.00W | 2737 (2700) | | | | | | | | AS1500 | 4200 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH : LNAV**

| FROM | TO |
|---|---|
| RW14 | EED VORTAC |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | | | | | 2220 |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ASC | | | | 6000 |
| 8.AAO | 343339.00N/1142954.00W | 2937 | 164 | 98 | 4E | 1000 | | | | | 4000 |
| 9.TERRAIN | 343339.00N/1142954.00W | 2737 (2700) | | | | | | | | AS1500 | 4200 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

CIRCLING [ ] ALL CATS [X] CAT A [X] CAT B [X] CAT C [X] CAT D [ ] CAT E [ ] NOT AUTHORIZED

| OBSTRUCTION | COORDINATES | RADIUS | HAA | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CATEGORY A** | | | | | | | | | | | |
| 10.POLE (04-021327) | 343313.28N/1142039.29W | 1.31 | 1537 | 885 | 50 | 20 | 2C | 300 | | SI | 2320 |
| **CATEGORY B** | | | | | | | | | | | |
| 11.VEGETATION (04-064457) | 343222.93N/1141949.25W | 1.85 | 1537 | 947 | 20 | 3 | 1A | 300 | | SI | 2320 |
| **CATEGORY C** | | | | | | | | | | | |
| 12.TERRAIN (04-025194) | 343713.54N/1142304.50W | 2.91 | 1537 | 1489 | 50 | 20 | 2C | 300 | | SI | 2320 |
| **CATEGORY D** | | | | | | | | | | | |
| 13.AAO | 343804.58N/1142407.66W | 3.81 | 1537 | 1865 | 50 | 20 | 2C | 300 | | SI | 2320 |

CIRCLING REMARKS:

MSA

| CENTER | RADIUS |
|---|---|
| RW14 | 25 |

| SECTOR | OBSTRUCTION | COORDINATES | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360-360 | AAO | 344616.50N/1135059.20W | 053 | 27.9 | 7269 | 1000 | 3 | 6A | 1000 | | | 8300 |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**
ZLA ARTCC, PRC FSS

| WX SERVICE | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | SERVICE-A | ADJUSTMENTS |
|---|---|---|---|---|---|---|
| AWOS-3 | KHII | 24 | KHII | 0 | Y | 0 |

| BACK-UP WX SERVICE | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | SERVICE-A | ADJUSTMENTS |
|---|---|---|---|---|---|---|
| ASOS | KEED | 24 | KEED | 17.57 | Y | 69 |

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME
KHII 782.8, KEED 983.1
RA = 68.46.

| PRIMARY NAVAID | MONITOR POINT | HRS OPERATION | CAT |
|---|---|---|---|

| APPROACH AND RUNWAY LIGHTING SYSTEM | RUNWAY MARKINGS | RUNWAY VISUAL RANGE |
|---|---|---|
| RW14 - MIRL (PCL), REIL (PCL), PAPI-4L | NPI-G | |
| RW32 - MIRL (PCL), REIL (PCL), PAPI-4L | NPI-G | |

| GLIDESLOPE ANGLE | ELEV RWY THRESHOLD | TCH | ELEV GS ANTENNA | DISTANCE FROM RWY | VGSI ANGLE | TCH |
|---|---|---|---|---|---|---|
| | | | | | 3.50 | 57.6 |

**FINAL APPROACH COURSE AIMING**

| | | | |
|---|---|---|---|
| RUNWAY THRESHOLD | X | FT FROM THRESHOLD | DISPLACED THRESHOLD DISTANCE |
| ON CENTERLINE | X | FT FROM CENTERLINE | |

**CRITICAL TEMPERATURES**

| CRITICAL LOW | CRITICAL HIGH | ACT | APT ISA |
|---|---|---|---|

**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**

| Final Type | LP, LNAV |
|---|---|
| 34:1 | |
| 1489 TERRAIN (04-025194) 343713.54N/1142304.50W (290.54) | 1487 TERRAIN (04-064665) 343713.61N/1142304.78W (288.01) |
| 1467 TERRAIN (04-065147) 343712.45N/1142301.46W (275.11) | 1527 TERRAIN (04-027069) 343731.39N/1142346.51W (230.53) |
| 1493 TERRAIN (04-065555) 343732.82N/1142349.47W (189.18) | 1445 TERRAIN (04-064884) 343725.84N/1142335.50W (176.45) |
| 1395 TERRAIN (04-063985) 343722.43N/1142324.20W (149.25) | 1399 TERRAIN (04-025192) 343723.61N/1142327.17W (146.53) |
| 1335 TERRAIN (04-025193) 343714.38N/1142311.17W (126.09) | 1397 TERRAIN (04-065146) 343724.32N/1142344.65W (120.97) |
| 1438 TERRAIN (04-065166) 343722.40N/1142423.13W (119.06) | 1318 TERRAIN (04-064324) 343716.55N/1142314.94W (98.84) |
| 1393 TERRAIN (04-065980) 343729.90N/1142355.54W (89.12) | 1299 TERRAIN (04-064309) 343718.07N/1142406.60W (11.72) |

**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.

TAA, LPV AND LNAV/VNAV NOT DEVELOPED PER FPT.

MISSED APPROACH EVALUATED USING IPDS.

MISSED APPROACH REQUIRES 25 DEGREE BANK ANGLE AND LIMITED AIRSPEED TO 240 KIAS DUE TO HIGH TERRAIN SOUTHWEST OF AIRPORT.

FINAL COURSE OFFSET 3.04 DEGRESS DUE TO HIGH TERRAIN NORTH OF AIRPORT.

INTERMEDIATE COURSE OFFSET 15.32 DEGREES FROM FINAL COURSE DUE TO HIGH TERRAIN WEST OF AIRPORT.

H-I-L OFFSET 5 DEGREES DUE TO HIGH TERRAIN NORTHWEST OF AIRPORT.

5 FT VEGETATION USED PER FPT/PREVIOUSLY PUBLISHED PROCEDURE.

FOR BACKUP ALTIMETER USE:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEEDLES ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.
CHART NOTE: VDP NA WHEN USING NEEDLES ALTIMETER SETTING.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

**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** | **4.34** |
| **WIDTH OF** | **FINAL** | **SEGMENT AT 1000FT POINT** | **1.20** |
| **TRUE COURSE OF** | **FINAL** | **SEGMENT CONTAINING 1000FT POINT** | **146.60** |
| **HIGH TERRAIN IN** | **FINAL** | **SEGMENT CONTAINING 1000FT POINT** | **1700** |
| **DISTANCE FROM** | **THLD** | **TO 1500FT POINT** | **6.01** |
| **WIDTH OF** | **FINAL** | **SEGMENT AT 1500FT POINT** | **2.13** |
| **TRUE COURSE OF** | **FINAL** | **SEGMENT CONTAINING 1500FT POINT** | **146.60** |
| **HIGH TERRAIN IN** | **FINAL** | **SEGMENT CONTAINING 1500FT POINT** | **1700** |

| | |
|---|---|
| **THRESHOLD COORDINATES (IF STR-IN)** | 343450.18N/1142153.98W |
| **ARP COORDINATES** | 343416.05N/1142129.80W |
| **RUNWAY APCH END AND DIST FURTHEST FROM ARP** | RUNWAY 14 DISTANCE 0.66 NM |
| **FAF COORDINATES** | 344011.42N/1142610.02W |
| **FIX NAME COORDINATES** | IF NEEDLES VORTAC: 344557.62N/1142826.78W |

**REMARKS**

NO ADDITIONAL AIRSPACE REQUIRED

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| KHII | RNAV (GPS) RWY 14 | ORIG-C | LAKE HAVASU CITY | AZ | 783 | RNAV |

**PART E: PREPARED BY**

| NAME | OFFICE | DATE | TITLE |
|---|---|---|---|
| RUSSELL ROSLEWSKI | AJV-A421 | 09/08/2020 | AERONAUTICAL INFORMATION SPECIALIST |