| NAME: INECE  |  |                    | STATE: HI              | COUNTRY: US               | ICAO REGION CODE: PH                   |
|--|--|--------------------|------------------------|---------------------------|--|
| LATITUDE/LONGITUDE: 194814.33N/156   | 60232.21W                                      |                    | TYPE: DME              |                           |  |
| AIRSPACE DOCKET:   | FI   |                    | ION: MODIFY            |                           |  |
| FIX MAKE-UP FACILITIES:<br>FAC NAME  | IDENT  | ТҮРЕ               |                        |                           | T FROM FAC MRA MAA                     |
| 1 KONA   | KOA  | VORTAC             | H 350.65 (             | <b>3RG</b><br>001.65 5.19 | <b>NM FEET</b><br>5.19 31517 900 17500 |
| HOLDING:   | нс   | OLDING TYPE O      | F ACTION: NO CHA       | NGE                       |  |
| FIX USE:<br>USE TYPE USE TITLE<br>IAP VOR OR TACAN RW  | Y 17   | <b>FAC PA</b><br>1 | T AIRPORT IDEI<br>PHKO | NT CITY<br>Kailua/kona    | <b>STATE</b><br>HI (US)                |
| REQUIRED CHARTING: IAP   |  |                    |                        |                           |  |
| COMPULSORY REPORTING POINT: NO   |  |                    |                        |                           |  |
| <b>RECORD REVISION NUMBER:</b> 2   | DAT  | E OF REVISION      | 02/20/2025             |                           |  |
| REASON FOR REVISION:<br>1. UPDATED FIX COORDINATES FROM '<br>2. ADDED FIX MAKE-UP FAC 1 DIST FRO<br>3. UPDATED FIX USE PHKO TITLE FROM | OM FAC FEE                                     | ET "31517", UPD    | ATED MRA ROM "1        | 100" TO "900".            |  |
| INITIATED BY: DATE:  | ORG  | <b>GANIZATION:</b> |                        | NAME:                     |  |
| OFFICE OF PRIMARY RESPONSIBILITY:  | :  | AJV-A422           |                        | NAME: DANIEL WEST         | ON                                     |
| APPROVED BY: DATE: 02/20/20  | 025  | OFFICE: AJ         | V-A422                 | NAME: RAKE MCGRA          | W                                      |
| SIGNATURE:   | Digitally sign<br><b>RAKE MCG</b><br>Jan 13, 2 | GRAW               |                        |                           |  |
|  |  |                    |                        |                           |  |
|  |  |                    |                        |                           |  |
|  |  |                    |                        |                           |  |

QUALITY 25 CHECKE

|   | NAI   |   |                                |                          |                          |                             |                    | NEC                               |                 |                   |                    |                                  |                 |
|---|---|---|--------------------------------|--------------------------|--------------------------|-----------------------------|--------------------|-----------------------------------|-----------------|-------------------|--------------------|----------------------------------|-----------------|
| NAME: KAYAK   |   |   |                                |                          | STA                      | re: HI                      |                    | COUNT                             | RY: US          | S IC              | AO REG             | ION COD                          | <b>E:</b> PH    |
| LATITUDE/LONGITUDE  | <b>E:</b> 195443.96N/156  | 0220.33W                                      |                                |                          | TYPE                     | E: INT, D                   | ME                 |                                   |                 |                   |                    |                                  |                 |
| AIRSPACE DOCKET:  |   | F   | ΙΧ ΤΥΡΕ                        | OF ACTI                  | ON: NO                   | CHANG                       | E                  |                                   |                 |                   |                    |                                  |                 |
| FIX MAKE-UP FACILITI<br>FAC NAME  | ES:   | IDENT   | TYPE                           |                          | CLASS                    | MAG<br>BRG                  | TRUE<br>BRG        |                                   | DME             | DIST FRO          |                    | MRA                              | МАА             |
| 1 KONA<br>2 KAMUELA   |   | KOA<br>MUE                                    | VORTA<br>VOR/D                 |                          | H<br>H                   | 350.65                      | 001.65<br>256.25   |                                   | 1.66<br>21.48   | 11.66<br>21.48    |                    | 1500<br>3000                     | 17500<br>17500  |
|   | CTYPE ` ´R  | ADIAL/BEA<br>245                              | RING                           | DIS                      | TANCE                    |                             | MIN AL             | <b>.TITUDE</b><br>3000            |                 | MA                | X ALTI             | <b>TUDE</b><br>3700              |                 |
| HOLDING:  |   | но  | OLDING                         | TYPE OF                  | ACTIO                    | I: MODII                    | FY                 |                                   |                 |                   |                    |                                  |                 |
| PATTERNS:<br>PAT DIR IDENT  | TYPE  | RAD/CR  | S/BRG                          | CRS                      |                          | TURN                        | LEG                | LENGT                             |                 |                   | TUDES              | TEMPLA                           | TES             |
| 1 N KOA   | VORTAC  | 350.65  |                                | <b>INBOUNI</b><br>170.65 | D                        | (L OR I<br>L                | R) TIME            | DME                               |                 | <b>MIN</b><br>500 | <b>MAX</b><br>6000 | <b>MIN</b><br>4                  | <b>MAX</b><br>6 |
|   | RUCTIONS:<br>DBSTRUCTION<br>SHIP  |   |                                |                          |                          | <b>)rdina</b> 1<br>143.96N/ |                    | ).33W                             | ELI             | EVATION<br>208    | ACCI<br>2C         | JRACY C                          | ODE             |
| REASON FOR NONSTA<br>PAT 1 AIRWAY V5  | ANDARD HOLDING  | G:  |                                |                          |                          |                             |                    |                                   |                 |                   |                    |                                  |                 |
| REMARKS:<br>Kona (Fac 1) and kai<br>DME Holdinig only e   |   | SED TO ES                                     | TABLISH                        | I FIX COC                | RDINA                    | TES.                        |                    |                                   |                 |                   |                    |                                  |                 |
| IAP VO  | <b>E TITLE</b><br>R OR TACAN RW <sup>Y</sup><br>YAK                                     | Ύ 17  | <b>FAC</b><br>1, 2<br>1, 2     | 1                        | <b>AIR</b><br>PHK<br>PHK |                             |                    | <b>city</b><br>Kailua/<br>Kailua/ |                 |                   |                    | <b>STATE</b><br>HI (US<br>HI (US | )               |
| REQUIRED CHARTING   | : STAR, IAP, EN R   | OUTE LOW                                      | V, CONTI                       | ROLLER L                 | OW                       |                             |                    |                                   |                 |                   |                    |                                  |                 |
| COMPULSORY REPOR  | TING POINT: NO  |   |                                |                          |                          |                             |                    |                                   |                 |                   |                    |                                  |                 |
| RECORD REVISION NU  | JMBER: 11   | DAT   | E OF RE                        | EVISION: (               | 02/20/20                 | )25                         |                    |                                   |                 |                   |                    |                                  |                 |
| REASON FOR REVISIO<br>1. UPDATED FIX USE P<br>2. UPDATED REQUIRED<br>3. UPDATED HOLDING<br>4. UPDATED CONTROL<br>"200 / 195443.96N/1560<br>5. REMOVED FIX USE " | PHKO TITLE FROM<br>D CHARTING FRO<br>PAT 1, TEMPLATI<br>LING OBSTRUCT<br>220.33W / 2C". | M "CONTR<br>E MIN FRO<br>ION AIRSP            | OLLER"<br>M "7" TO<br>EED / CO | TO "CON<br>"4", AND      | TROLLI<br>TEMPL          | ER LOW'                     | ', AND F<br>X FROM | REMOVE<br>I "9" TO                | D "MILI<br>"6". |                   |                    | 00.00W /                         | 4E" TO          |
| INITIATED BY:   | DATE:   | ORG   | GANIZAT                        | ION:                     |                          |                             | NA                 | ME:                               |                 |                   |                    |                                  |                 |
| OFFICE OF PRIMARY F   | RESPONSIBILITY:   |   | AJV                            | -A422                    |                          |                             | NA                 | ME: DAN                           | NIEL WE         | ESTON             |                    |                                  |                 |
| APPROVED BY:  | DATE: 02/20/20  | )25   | OFF                            | FICE: AJV                | -A422                    |                             | NA                 | ME: RAM                           | KE MCG          | BRAW              |                    |                                  |                 |
|   | SIGNATURE:  | <i>Digitally</i> s<br><b>RAKE M</b><br>Jan 13 | • •                            |                          |                          |                             |                    |                                   |                 |                   |                    |                                  |                 |
|   |   |   |                                |                          |                          |                             |                    |                                   |                 |                   |                    |                                  |                 |
|   |   |   |                                |                          |                          |                             |                    |                                   |                 |                   |                    |                                  | QUALITY         |



| NAME                           | : KEANY              |   |   |                                | STA                    | TE: HI            | C                              | OUNTRY: US                          | S ICAO REGI                     | ON CODE: PH                        |
|--------------------------------|----------------------|---|---|--------------------------------|------------------------|-------------------|--------------------------------|-------------------------------------|---------------------------------|------------------------------------|
| LATIT                          | UDE/LONGIT           | UDE: 195758.29N/1554  | 4826.48W                                      |                                | ТҮРІ                   | E: INT, D         | ME                             |                                     |                                 |                                    |
| AIRSP                          | ACE DOCKE            | :T:   | F   | IX TYPE OF AC                  | TION: NO               | CHANG             | E                              |                                     |                                 |                                    |
|                                | AKE-UP FAC<br>NAME   | ILITIES:  | IDENT   | TYPE                           | CLASS                  |                   | TRUE                           | DME                                 | DIST FROM FAC                   | MRA MAA                            |
| 1<br>2                         | KAMUELA<br>UPOLU POI | NT  | MUE<br>UPP                                    | VOR/DME<br>VORTAC              | H<br>H                 |                   | <b>BRG</b><br>256.25<br>171.76 | 8.00                                | <b>NM FEET</b><br>8.00<br>14.15 | 6800 17500<br>5000 17500           |
| HOLD                           | ING:                 |   | Н   | OLDING TYPE (                  | OF ACTIO               | NO CH             | IANGE                          |                                     |                                 |                                    |
| REMA<br>Kamu                   |                      | AND UPOLU POINT (F  | AC 2) USE                                     | D TO ESTABLIS                  | SH FIX CO              | ORDINA            | TES.                           |                                     |                                 |                                    |
| FIX US<br>USE T<br>IAP<br>STAR |                      | <b>USE TITLE</b><br>VOR OR TACAN RWY<br>KAYAK                                     | ′ 17  | <b>FAC P4</b><br>1, 2<br>1, 2  | AT AIR<br>Phi<br>Phi   |                   | KA                             | <b>ry</b><br>Ilua/kona<br>Ilua-kona |                                 | <b>STATE</b><br>HI (US)<br>HI (US) |
| REQU                           | IRED CHART           | TING: STAR, IAP   |   |                                |                        |                   |                                |                                     |                                 |                                    |
| СОМР                           | ULSORY RE            | PORTING POINT: NO   |   |                                |                        |                   |                                |                                     |                                 |                                    |
| RECO                           | RD REVISIO           | N NUMBER: 8   | DAT   | TE OF REVISION                 | N: 02/20/20            | )25               |                                |                                     |                                 |                                    |
| 1. UPD<br>2. UPD               | DATED REMA           | <b>'ISION:</b><br>SE PHKO TITLE FROM<br>NRKS FROM "KAMUEL/<br>BLISH FIX COORDINAT | 4 (FAC 1) l                                   | E OR TACAN R'<br>JSED TO ESTAI | WY 17" TC<br>BLISH FIX | ) "VOR O<br>COORD | R TACAN<br>INATES" T           | RWY 17".<br>O "KAMUEL               | A (FAC 1) AND UPC               | DLU POINT (FAC                     |
| INITIA                         | TED BY:              | DATE:   | OR  | GANIZATION:                    |                        |                   | NAME                           | :                                   |                                 |                                    |
| OFFIC                          | E OF PRIMA           | RY RESPONSIBILITY:  |   | AJV-A422                       |                        |                   | NAME                           | : DANIEL W                          | ESTON                           |                                    |
| APPR                           | OVED BY:             | DATE: 02/20/20  | 25  | OFFICE: A                      | JV-A422                |                   | NAME                           | : RAKE MCC                          | BRAW                            |                                    |
|                                |                      | SIGNATURE:  | <i>Digitally s</i><br><b>RAKE M</b><br>Jan 13 | CGRAW                          |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |
|                                |                      |   |   |                                |                        |                   |                                |                                     |                                 |                                    |

QUALITY 25 CHECKED

| INTEL IN INTERVIEW INTERVI | NAME: MALIA        |                    |                       |                                   | STA                    | TE: HI              |                     | COUNTRY: U              |       | ON CODE: PH |
|--|--------------------|--------------------|-----------------------|-----------------------------------|------------------------|---------------------|---------------------|-------------------------|-------|-------------|
| AIRSPACE DOCKET:       FIX TYPE OF ACTION: NO CHANGE         PARAKE-UP FACILITES:       DEN       TYPE       CLASS       MAR       DIE       MAR       MAR       MAR       MAR         1       KAMUELA       UPOLIVOINT       MUE       VORDACE       H       245.25       256.25       16.00       16.00       3000       17500         HOLDING:       IDUNIT VPORTACIONE H       H       245.25       256.25       16.92       16.92       3000       17500         HOLDING:       IDUNIT VPORTACIONE VITORIA CONTRACIONE NO CONTRACIONE  |                    | DE: 195603.20N/155 | 5641.26W              |                                   |                        |                     |                     |                         |       |             |
| Image: Stratube of the strate of the stra                                |                    |                    |                       | IX TYPE OF AC                     |                        |                     | ,                   |                         |       |             |
| FAC         NAME         IDENT         TYPE         CLASS         MAG         DIME         DIME <th< td=""><td></td><td></td><td>-</td><td></td><td></td><td></td><td>_</td><td></td><th></th><td></td></th<>  |                    |                    | -                     |                                   |                        |                     | _                   |                         |       |             |
| 1       KAMUELA<br>UPP       MUE       VORDOME       H       245.25       256.25       16.00       16.00       3800       17500         2       UPOLU POINT       HOLDING TYPE OF ACTION: NO CHANGE         HOLDING TYPE OF ACTION: NO CHANGE         REMARKS:<br>KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES.         FAC PAT AIRPORT IDENT CITY<br>USE TYPE       STATE         LUSE TYPE       VOR OR TACAN RWY 17       1.2       PHKO       KAILUA/KONA       HI (US)         REQUIRED CHARTING: IAP         COMPULSORY REPORTING POINT: NO         RECORD REVISION NUMBER: 5       DATE OF REVISION: 02/20/2025         REASON FOR REVISION:<br>1. UPOATE DE TILE EROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         AUVOR OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         1. 2         PHKO         NOTE OF REVISION:<br>1. UPOATE DE TILE OF THE ROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         AUVOR OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         AUVOR OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         AUVOR OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         AUVOR OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         AUVOR OR TACAN RWY 17"   |                    | ITIES:             | IDENT                 | TYPE                              | CLASS                  |                     |                     | DME                     |       | MRA MAA     |
| REMARKS:<br>KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES.         FIX USE:<br>USE TYPE<br>VOR OR TACAN RWY 17       AIR PAT AIRPORT IDENT CITY<br>AIP PHKO       KILVA/KONA       HI (US)         STAR       KAYAK       1,2       PHKO       KAILUA/KONA       HI (US)         REQUIRED CHARTING: IAP       I.2       PHKO       KAILUA/KONA       HI (US)         REQUIRED CHARTING: IAP       DATE       DATE VEVISION: 02/20/2025       HI (US)         RECORD REVISION NUMBER: 5       DATE OF REVISION: 02/20/2025       DATE VEVISION: 02/20/2025         REASON FOR REVISION:   |                    | г                  |                       |                                   |                        | 245.25              | 256.25              |                         | 16.00 |             |
| KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES.         FIX USE:<br>USE TYPE<br>IAP<br>STAR       USE TITLE<br>VOR OR TACAN RWY 17       FAC<br>1, 2       PAT<br>PHKO       AIRPORT IDENT<br>KAILUA/KONA       STATE<br>H (US)<br>HI (US)         REQUIRED CHARTING: IAP       I, 2       PHKO       KAILUA/KONA       HI (US)         COMPULSORY REPORTING POINT: NO       DATE OF REVISION: 02/20/2025       VOR OR TACAN RWY 17".       TO "VOR OR TACAN RWY 17".       STATE<br>HI (US)         RECORD REVISION       DATE       DATE OF REVISION: 02/20/2025       VOR OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME VE TACAN RWY 17" TO "VOR OR TACAN RWY 17".       NAME:       SOCONDINATES".         I. UPDATED FIX USE PHKO TITLE FROM "VOR/DME VE TACAN RWY 17" TO "VOR OR TACAN RWY 17".       NAME:       SOCONDINATES".         I. UPDATED FIX USE PHKO TITLE FROM "VOR/DME VE TACAN RWY 17".       NAME:       NAME:         OFFICE OF PRIMARY RESPONSIBILITY:       AJV-A422       NAME: DANIEL WESTON         APPROVED BY:       DATE: 02/20/2025       OFFICE: AJV-A422       NAME: RAKE MCGRAW         SIGNATURE:       Digitally signed by:       RAKE MCGRAW       RAKE MCGRAW   | HOLDING:           |                    | н                     | OLDING TYPE C                     | OF ACTIO               | N: NO CH            | IANGE               |                         |       |             |
| USE TYPE<br>IAP     USE TITLE<br>VOR OR TACAN RWY 17     FAC<br>1, 2     PAT<br>PHKO     AIRPORT IDENT<br>KAILUA/KONA     CITY<br>KAILUA/KONA     STATE<br>HI (US)       REQUIRED CHARTING: IAP     1, 2     PHKO     KAILUA/KONA     HI (US)       REQUIRED CHARTING: IAP     I. 2     PHKO     KAILUA/KONA     HI (US)       RECORD REVISIOR VEPORTING POINT: NO     DATE OF REVISION: 02/20/2025     Image: Computed of the transmission of transmission of the transmission of transmission of the transmission of the transmission of the transmission of the transmission of transmission of transmission of transmission of the transmission of transmission  |                    | ND UPOLU POINT (F  | AC 2) USE             | D TO ESTABLIS                     | SH FIX CO              | ORDINA              | TES.                |                         |       |             |
| COMPULSORY REPORTING POINT: NO         RECORD REVISION NUMBER: 5       DATE ∪ FEVISION: 02/20/2025         REASON FOR REVISION:         1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         2. ADDED REMARK "KAMUELA (FAC 1) AND UPOLU PULIT (FAC 2) USED TO ESTABLISH FIX COORDINATES".         INITIATED BY:       DATE:         OFFICE OF PRIMARY RESPONSIBILITY:       AJV-A422         NAME: DANIEL WESTON         APPROVED BY:       DATE: 02/20/2025         SIGNATURE:       Digitally signature signature         Digitally signature       Digitally signature  | USE TYPE L         | OR OR TACAN RWY    | ( 17                  | 1, 2                              | PHł                    | <b>&lt;</b> 0       | K                   | AILUA/KONA              |       | HI (US)     |
| RECORD REVISION NUMBER: 5       DATE OF REVISION: 02/20/2025         REASON FOR REVISION: USE PHARK "KUSE PHARK TITLE FROM UDE VOLUCE VECTOR USE OF OR NEWLY STATEMENT OF "VOR OR STATEMENT". 2 ADDED REMARK "KACH (FAC 1) ADDED VECTOR UDE VECTOR   | REQUIRED CHARTIN   | IG: IAP            |                       |                                   |                        |                     |                     |                         |       |             |
| REASON FOR REVISION:       1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         2. ADDED REMARK "KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES".         INITIATED BY:       DATE:         OFFICE OF PRIMARY RESPONSIBILITY:       AJV-A422         NAME: DANIEL WESTON         APPROVED BY:       DATE: 02/20/2025         OFFICE: AJV-A422       NAME: RAKE MCGRAW         SIGNATURE:       Digitally signed by         RAKE MCGRAW.       RAKE MCGRAW.  | COMPULSORY REPO    | ORTING POINT: NO   |                       |                                   |                        |                     |                     |                         |       |             |
| 1. UPDATED FIX USE PHKO TITLE FROM "VOR/DME OR TACAN RWY 17" TO "VOR OR TACAN RWY 17".         2. ADDED REMARK "KAMUELA (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES".         INITIATED BY:       DATE:         OFFICE OF PRIMARY RESPONSIBILITY:       AJV-A422         NAME: DANIEL WESTON         APPROVED BY:       DATE: 02/20/2025         OFFICE: AJV-A422       NAME: RAKE MCGRAW         SIGNATURE:       Digitally signed by         RAKE MCGRAW   | RECORD REVISION    | NUMBER: 5          | DAT                   | TE OF REVISION                    | <b>1:</b> 02/20/2      | 025                 |                     |                         |       |             |
| OFFICE OF PRIMARY RESPONSIBILITY:       AJV-A422       NAME: DANIEL WESTON         APPROVED BY:       DATE: 02/20/2025       OFFICE: AJV-A422       NAME: RAKE MCGRAW         SIGNATURE:       Digitally signed by RAKE MCGRAW       RAKE MCGRAW   | 1. UPDATED FIX USE | E PHKO TITLE FROM  | I "VOR/DM<br>ND UPOLI | IE OR TACAN R\<br>J POINT (FAC 2) | WY 17" T(<br>) USED T( | ) "VOR O<br>) ESTAB | R TACAN<br>LISH FIX | N RWY 17".<br>COORDINAT | ES".  |             |
| APPROVED BY:       DATE: 02/20/2025       OFFICE: AJV-A422       NAME: RAKE MCGRAW         SIGNATURE:       Digitally signed by RAKE MCGRAW       Frake MCGRAW   | INITIATED BY:      | DATE:              | OR                    | GANIZATION:                       |                        |                     | NAM                 | E:                      |       |             |
| SIGNATURE: Digitally signed by RAKE MCGRAW   | OFFICE OF PRIMARY  | Y RESPONSIBILITY:  |                       | AJV-A422                          |                        |                     | NAM                 | E: DANIEL W             | ESTON |             |
| RAKE MCGRAW  | APPROVED BY:       | DATE: 02/20/20     | 25                    | OFFICE: A                         | JV-A422                |                     | NAM                 | E: RAKE MC              | GRAW  |             |
|  |                    | SIGNATURE:         | RAKE M                | ICGRAW                            |                        |                     |                     |                         |       |             |

OUALITY 25 CHECKED

|  |                               | _                                 |                            | -                   | -             |            |           |                        |                         |       |
|--|-------------------------------|-----------------------------------|----------------------------|---------------------|---------------|------------|-----------|------------------------|-------------------------|-------|
| NAME: NENVE  |                               |                                   |                            | STAT                | E: HI         | COL        | INTRY: US | ICAO REGI              |                         | : PH  |
| LATITUDE/LONGITUDE:  | : 194513.82N/1560             | )237.70W                          |                            | TYPE                | : DME         |            |           |                        |                         |       |
| AIRSPACE DOCKET:   |                               | F                                 | IX TYPE OF A               | CTION: MO           | DIFY          |            |           |                        |                         |       |
| FIX MAKE-UP FACILITIE<br>FAC NAME                                      | ES:                           | IDENT                             | TYPE                       | CLASS               | MAG           | TRUE       | DME D     | ST FROM FAC            | MRA                     | ΜΑΑ   |
| 1 KONA   |                               | KOA                               | VORTAC                     | H                   |               | BRG        | 2.19      | <b>NM FEET</b><br>2.19 |                         | 17500 |
| HOLDING:   |                               | нс                                |                            |                     | I: NO CH      | ANGE       |           |                        |                         |       |
| FIX USE:<br>USE TYPE USE<br>IAP VOR                                    | T <b>ITLE</b><br>OR TACAN RWY | ´ 17                              | FAC F<br>1                 | PAT AIRI<br>PHK     | Port ide<br>O |            | JA/KONA   |                        | <b>STATE</b><br>HI (US) |       |
| REQUIRED CHARTING:   | IAP                           |                                   |                            |                     |               |            |           |                        |                         |       |
| COMPULSORY REPORT  | TING POINT: NO                |                                   |                            |                     |               |            |           |                        |                         |       |
| RECORD REVISION NUM  | MBER: 3                       | DAT                               | E OF REVISIO               | <b>DN:</b> 02/20/20 | 25            |            |           |                        |                         |       |
| REASON FOR REVISION<br>1. UPDATED FIX USE PH<br>2. FIX MOVED 162 FT WI | HKO TITLE FROM                | "VOR/DME<br>238N/1560             | E OR TACAN  <br>237.7041W. | RWY 17" TO          | "VOR OF       | R TACAN RV | VY 17".   |                        |                         |       |
| INITIATED BY:  | DATE:                         | ORG                               | ANIZATION:                 |                     |               | NAME:      |           |                        |                         |       |
| OFFICE OF PRIMARY RI   | ESPONSIBILITY:                |                                   | AJV-A422                   | 2                   |               | NAME: D    | ANIEL WES | TON                    |                         |       |
| APPROVED BY:   | DATE: 02/20/20                | 25                                | OFFICE:                    | AJV-A422            |               | NAME: F    | RAKE MCGR | AW                     |                         |       |
|  | SIGNATURE:                    | Digitally s<br>RAKE MO<br>Jan 13, | CGRAW                      |                     |               |            |           |                        |                         |       |

QUALITY 25 CHECKED

| NAME                                   | : SODZE   |  |  |   |                             | STAT                                    | E: HI             |                                 | COUNT   | RY: U             | S                | ICAO REG          | ION CODE  | : PH         |
|--|---|--|--|---|-----------------------------|---|-------------------|---------------------------------|---|-------------------|------------------|-------------------|---|--------------|
| LATIT                                  | UDE/LONGIT  | UDE: 200244.42N/155  | 5654.59W   |   |                             | TYPE                                    | : WP, IN          | IT, DME                         |   |                   |                  |                   |   |              |
| AIRSF                                  | PACE DOCKE  | :T:  | F  | ΙΧ ΤΥΡΕ ΟΙ  | F ACTIO                     | <b>N:</b> NO                            | CHANG             | E                               |   |                   |                  |                   |   |              |
|  | AKE-UP FAC<br>NAME                                    | ILITIES:   | IDENT  | TYPE  | c                           | LASS                                    | MAG<br>BRG        | TRUE<br>BRG                     | I   | DME               |                  | ROM FAC<br>M FEET | MRA   | MA           |
| 1<br>2                                 | UPOLU POI<br>KAMUELA                                  | NT   | UPP<br>MUE   | VORTAC<br>VOR/DME   | E H                         |   | 201.71<br>269.30  | 212.71                          |   | 1.00              | 11.0<br>16.0     | 00                | 5700<br>5700                                      | 1750<br>1750 |
| HOLD                                   | ING:  |  | нс   | OLDING TY   | PE OF A                     |   | I: NO CH          | IANGE                           |   |                   |                  |                   |   |              |
| REMA<br>UPOL                           |   | C 1) AND KAMUELA (F  | AC 2) USEI   | D TO ESTA   | BLISH F                     |   | ORDINA            | TES.                            |   |                   |                  |                   |   |              |
| FIX USE T<br>IAP<br>IAP<br>IAP<br>STAR | YPE   | USE TITLE<br>RNAV (GPS) Y RWY<br>RNAV (RNP) Z RWY<br>VOR OR TACAN RWY<br>KAYAK             | 7  | <b>FAC</b><br>1, 2<br>1, 2                                      | PAT                         | <b>AIRI</b><br>PHK<br>PHK<br>PHK<br>PHK | 0                 |                                 | <b>city</b><br>Kailua-<br>Kailua/<br>Kailua/<br>Kailua/ | 'KONA<br>'KONA    |                  |                   | STATE<br>HI (US)<br>HI (US)<br>HI (US)<br>HI (US) |              |
| REQU                                   | IRED CHART  | <b>TING:</b> STAR, IAP   |  |   |                             |   |                   |                                 |   |                   |                  |                   |   |              |
| COMF                                   | PULSORY RE  | PORTING POINT: NO  |  |   |                             |   |                   |                                 |   |                   |                  |                   |   |              |
| RECO                                   | RD REVISIO  | N NUMBER: 2  | DAT  | E OF REVI   | <b>SION:</b> 0              | 2/20/20                                 | 25                |                                 |   |                   |                  |                   |   |              |
|  |   |  |  |   |                             |   |                   |                                 |   |                   |                  |                   |   |              |
| 1. UPE                                 | ON FOR REV<br>DATED FIX US<br>DED REMARK              | <b>'ISION:</b><br>SE PHKO TITLE FROM<br>( "UPOLU POINT (FAC                                | I "VOR/DME<br>C 1) AND KA                            | e or taca<br>Amuela (f.   | N RWY<br>AC 2) U            | 17" TO<br>SED TO                        | "VOR O<br>D ESTAB | R TACA<br>LISH FI               | AN RWY<br>IX COOR                                       | 17", AE<br>RDINAT | DDED "F<br>"ES". | AC 2".            |   |              |
| 1. UPE<br>2. ADE                       | DATED FIX U   | SE PHKO TITLE FROM   | : 1) AND KA  | e or taca<br>Amuela (fi<br>Banizatio                            | AC 2) U                     | 17" TO<br>SED TO                        | "VOR O<br>D ESTAB | r taca<br>Lish fi<br><b>Nai</b> | IX COOR   | 17", AE<br>Rdinat | DDED "F<br>"ES". | AC 2".            |   |              |
| 1. upe<br>2. ade<br>Initia             | DATED FIX US<br>DED REMARK<br>. <b>TED BY</b> :       | SE PHKO TITLE FROM<br>K "UPOLU POINT (FAC  | 1) AND KA  | AMUELA (F   | AC 2) U:<br><b>N:</b>       | 17" TO<br>SED T(                        | "VOR O<br>D ESTAB | ilish fi<br><b>Nai</b>          | IX COOR   | RDINAT            | ES".             | AC 2".            |   |              |
| 1. UPE<br>2. ADE<br>INITIA<br>OFFIC    | DATED FIX US<br>DED REMARK<br>. <b>TED BY</b> :       | SE PHKO TITLE FROM<br>( "UPOLU POINT (FAC<br>DATE:<br>RY RESPONSIBILITY:<br>DATE: 02/20/20 | 2 1) AND KA<br>ORG<br>025                            | AMUELA (F.<br>GANIZATIO<br>AJV-A4<br>OFFIC                      | AC 2) U:<br><b>N:</b>       | SED TO                                  | "VOR O<br>D ESTAB | ISH FI                          | IX COOR<br>ME:  | RDINAT            | ES".<br>ESTON    | AC 2".            |   |              |
| 1. UPE<br>2. ade<br>Initia<br>Offic    | DATED FIX US<br>DED REMARK<br>.TED BY:<br>.E OF PRIMA | SE PHKO TITLE FROM<br>( "UPOLU POINT (FAC<br>DATE:<br>RY RESPONSIBILITY:                   | : 1) AND KA  | AMUELA (F.<br>GANIZATIO<br>AJV-A-<br>OFFIC<br>Ggned by<br>CGRAW | AC 2) U<br><b>N:</b><br>422 | SED TO                                  | "VOR O<br>D ESTAB | ISH FI                          | IX COOR<br>ME:<br>ME: DAN                               | RDINAT            | ES".<br>ESTON    | AC 2".            |   |              |
| 1. UPE<br>2. ade<br>Initia<br>Offic    | DATED FIX US<br>DED REMARK<br>.TED BY:<br>.E OF PRIMA | SE PHKO TITLE FROM<br>( "UPOLU POINT (FAC<br>DATE:<br>RY RESPONSIBILITY:<br>DATE: 02/20/20 | 21) AND KA<br>ORG<br>225<br>Digitally sig<br>RAKE MC | AMUELA (F.<br>GANIZATIO<br>AJV-A-<br>OFFIC<br>Ggned by<br>CGRAW | AC 2) U<br><b>N:</b><br>422 | SED TO                                  | "VOR O<br>D ESTAB | ISH FI                          | IX COOR<br>ME:<br>ME: DAN                               | RDINAT            | ES".<br>ESTON    | AC 2".            |   |              |
| 1. UPE<br>2. ade<br>Initia<br>Offic    | DATED FIX US<br>DED REMARK<br>.TED BY:<br>.E OF PRIMA | SE PHKO TITLE FROM<br>( "UPOLU POINT (FAC<br>DATE:<br>RY RESPONSIBILITY:<br>DATE: 02/20/20 | 21) AND KA<br>ORG<br>225<br>Digitally sig<br>RAKE MC | AMUELA (F.<br>GANIZATIO<br>AJV-A-<br>OFFIC<br>Ggned by<br>CGRAW | AC 2) U<br><b>N:</b><br>422 | SED TO                                  | "VOR O<br>D ESTAB | ISH FI                          | IX COOR<br>ME:<br>ME: DAN                               | RDINAT            | ES".<br>ESTON    | AC 2".            |   |              |
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