

# RADIO FIX AND HOLDING DATA RECORD

NAME: BIKDE

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 205635.87N/1562345.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 20

FAC PAT

AIRPORT IDENT CITY  
PHOG KAHULUI

STATE  
HI (US)

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/26/2016

DEVELOPED BY: DATE: 02/19/2016

OFFICE: AJV-5430

NAME: ANDREW FIELDS

APPROVED BY: DATE:

OFFICE: AJV-5431

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HARPO

**STATE:** HI

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 203829.35N/1563055.28W

**TYPE:** WP, INT, DME

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

| FAC | NAME          | IDENT | TYPE   | CLASS | MAG BRG | TRUE BRG | DME   | DIST FROM FAC NM | FAC FEET | MRA  | MAA   |
|-----|---------------|-------|--------|-------|---------|----------|-------|------------------|----------|------|-------|
| 1   | LANAI         | LNK   | VORTAC | H     | 095.00  | 106.00   | 26.55 | 26.55            |          | 5000 | 45000 |
| 2   | MAUI          | OGG   | VORTAC | H     | 187.54  | 198.54   | 16.71 | 16.71            |          | 6000 | 45000 |
| 3   | VALLEY ISLAND | VYI   | NDB    | MH    | 184.96  | 195.96   |       | 14.88            |          | 5000 | 45000 |
| 4   | UPOLO POINT   | UPP   | VORTAC | H     | 293.95  | 304.95   | 46.14 | 46.14            |          | 5000 | 45000 |
| 5   | KONA          | KOA   | VORTAC | H     | 323.41  | 334.41   | 61.30 | 61.30            |          | 5500 | 45000 |

**EXPANDED SERVICE VOLUME (ESV):**

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| UPP       | VORTAC   | R-294          | 47       | 5000         | 17500        |
| KOA       | VORTAC   | R-323          | 62       | 5500         | 17500        |

**FIX RESTRICTIONS:**

MCA V21 8100 EASTBOUND

**HOLDING:**

**HOLDING TYPE OF ACTION:** CANCEL

**HOLDING RESTRICTIONS:**

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 12000.

**REMARKS:**

LANAI (FAC 1) AND MAUI (FAC 2) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

| USE TYPE | USE TITLE          | FAC     | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|--------------------|---------|-----|---------------|---------|---------|
| DP       | BEACH              | 1, 2    |     | PHOG          | KAHULUI | HI (US) |
| EN ROUTE | V1                 | 1, 2, 4 |     |               |         | (US)    |
| EN ROUTE | V17                | 1, 2    |     |               |         | (US)    |
| EN ROUTE | V2                 | 1, 2, 4 |     |               |         | (US)    |
| EN ROUTE | V21                | 1, 2    |     |               |         | (US)    |
| IAP      | ILS OR LOC RWY 2   | 1       |     | PHOG          | KAHULUI | HI (US) |
| IAP      | NDB RWY 2          | 1, 3, 4 |     | PHOG          | KAHULUI | HI (US) |
| IAP      | RNAV (GPS) Y RWY 2 |         |     | PHOG          | KAHULUI | HI (US) |
| STAR     | CAMPS              | 1, 2, 4 |     | PHOG          | KAHULUI | HI (US) |
| STAR     | HAIKU (RNAV)       |         |     | PHOG          | KAHULUI | HI (US) |

**REQUIRED CHARTING:** DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 15

**DATE OF REVISION:** 05/26/2016

**REASON FOR REVISION:**

REMOVED RNAV (GPS) RWY 20 FROM FIX USE. HOLDING MOVED TO NEW FIX NDREW.  
REMOVED HOLDING AT HARPO, THE RNAV (GPS) RWY 20 WAS THE ONLY PROCEDURE THAT USED IT.

**DEVELOPED BY:**

**DATE:** 01/26/2016

**OFFICE:** AJV-354

**NAME:** ANDREW FIELDS

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-5430

**NAME:** LONNIE EVERHART

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY: HCF APP CON, OGG ATCT  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: HUKLA

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 205427.58N/1562521.12W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 20

FAC

PAT

AIRPORT IDENT  
PHOG

CITY  
KAHULUI

STATE  
HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

1. DELETED FAC 1 NOT REQUIRED.
2. REMOVED REMARKS NAD 83 / WGS 84.
3. UPDATED FIX USE TO REPORT FORMAT.
4. DISTRIBUTION UPDATE FPO FROM LAX TO WESTERN.

DEVELOPED BY:

DATE: 02/18/2016

OFFICE: AJV-5431

NAME: ANDREW FIELDS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JUDEZ

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 205827.41N/1562222.50W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 20

FAC

PAT

AIRPORT IDENT  
PHOG

CITY  
KAHULUI

STATE  
HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

1. MOVED FIX 5.19 FT NE TO IPDS DERIVED PFAF LOCATION.
2. REMOVED FAC 1 NOT REQUIRED.
3. UPDATED FIX USE TO REPORT FORMAT.
4. CHANGED FPO FROM LAX TO WESTERN.

DEVELOPED BY:

DATE: 01/25/2016

OFFICE: AJV-5430

NAME: ANDREW FIELDS

APPROVED BY:

DATE:

OFFICE: AJV-5431

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KRANE

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 210508.44N/1561723.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS<br>INBOUND | TURN<br>(L OR R) | LEG LENGTH<br>TIME DME | HOLDING<br>MIN | ALTITUDES<br>MIN MAX | TEMPLATES<br>MIN MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|----------------|----------------------|----------------------|
| 1   | NE  |       | WP   | 023.96      | 203.96         | R                | 4                      | 3000           | 6000                 | 5 6                  |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | SHIP        | 210400.81N/1561905.73W | 208       | 2C            |

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE          | FAC | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|--------------------|-----|-----|---------------|---------|---------|
| IAP      | RNAV (GPS) RWY 20  |     |     | PHOG          | KAHULUI | HI (US) |
| IAP      | RNAV (GPS) Y RWY 2 |     | 1   | PHOG          | KAHULUI | HI (US) |
| IAP      | RNAV (RNP) Z RWY 2 |     | 1   | PHOG          | KAHULUI | HI (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 04/30/2015

## REASON FOR REVISION:

CHANGED FIX TYPE FROM WP AND DME TO WP ONLY  
 REMOVED PHOG LOC/DME BC RWY 20 FOR FIX USE  
 DELETED FIX MAKE UP FACILITY DATA

DEVELOPED BY:

DATE: 11/21/2014

OFFICE: AJV-354

NAME: TRACEY STILES

APPROVED BY:

DATE: 04/30/2015

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

NFDC  
 FPO: WST  
 ARTCC: ZHN  
 ATC FACILITY: HNL APP CON, OGG ATCT  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: NDREW

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 203146.68N/1563307.76W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS<br>INBOUND | TURN<br>(L OR R) | LEG LENGTH<br>TIME DME | HOLDING<br>MIN | ALTITUDES<br>MAX | TEMPLATES<br>MIN | MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|----------------|------------------|------------------|-----|
| 1   | S   |       | WP   | 185.99      | 005.99         | R                | 4                      | 4300           | 6000             | 5                | 6   |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | AAO         | 203342.00N/1563418.00W | 1887      | 5E            |

**FIX USE:**

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|-------------------|-----|-----|---------------|---------|---------|
| IAP      | RNAV (GPS) RWY 20 |     | 1   | PHOG          | KAHULUI | HI (US) |

REQUIRED CHARTING: IAP, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/26/2016

DEVELOPED BY: DATE: 02/18/2016

OFFICE: AJV-5431

NAME: ANDREW FIELDS

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY: HCF APP CON, OGG ATCT  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OLONE

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 210906.02N/1562320.03W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE

RNAV (GPS) RWY 20

FAC

PAT

AIRPORT IDENT

PHOG

CITY

KAHULUI

STATE

HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

1. MOVED FIX 1.81 NM NW PER PROCEDURE DESIGN REQUEST. FIX NAME RETAINED FOR ATC OPERATIONAL NEED.
2. FIX MAKE UP FACILITY REMOVED FACILITY 1, NO LONGER REQUIRED.
3. UPDATED FIX USE TO REPORT FORMAT.
4. DISTRIBUTION CHANGED FROM LAX TO WESTERN.

DEVELOPED BY:

DATE: 02/19/2016

OFFICE: AJV-5431

NAME: ANDREW FIELDS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZHN

ATC FACILITY:

OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PLUMB

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 211242.30N/1563605.35W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

| FAC | NAME    | IDENT | TYPE   | CLASS | MAG BRG | TRUE BRG | DME   | DIST FROM FAC NM | MRA  | MAA   |
|-----|---------|-------|--------|-------|---------|----------|-------|------------------|------|-------|
| 1   | MOLOKAI | MKK   | VORTAC | H     | 071.00  | 082.00   | 32.04 | 32.04            | 5000 | 17500 |
| 2   | MAUI    | OGG   | VORTAC | H     | 320.00  | 331.00   | 20.87 | 20.87            | 5000 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

| PAT | DIR | IDENT | TYPE   | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING ALTITUDES MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|---------------------|---------------------------|-------------------|
| 1   | NW  | OGG   | VORTAC | 320.00      | 140.00      | L             | 1                   | 5000 6000                 | 6 14              |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 200      | SHIP        | 211302.60N/1563607.15W | 208       | 2C            |
| 1   | 310      | AAO         | 211000.00N/1564606.00W | 1818      | 4E            |

## REASON FOR NONSTANDARD HOLDING:

PAT 1 PROVIDE SEPARATION FROM DEPARTURE/ARRIVAL ROUTES

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY    | STATE   |
|-----|-----------------|---------------|---------|---------|
| 1   | NDB RWY 2       | PHOG          | KAHULUI | HI (US) |

## REMARKS:

MOLOKAI (FAC 1) AND MAUI (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 CLEARANCE LIMIT FOR NON RADAR OPERATIONS (HNL CENTER).  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE                 | FAC  | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|---------------------------|------|-----|---------------|---------|---------|
| EN ROUTE | V22                       |      |     |               |         | (US)    |
| EN ROUTE | V6                        |      | 1   |               |         | (US)    |
| IAP      | NDB RWY 2                 | 1, 2 | 1   | PHOG          | KAHULUI | HI (US) |
| IAP      | RNAV (GPS) RWY 20         |      |     | PHOG          | KAHULUI | HI (US) |
| IAP      | RNAV (GPS) RWY 23         |      |     | PHOG          | KAHULUI | HI (US) |
| IAP      | VOR / DME OR TACAN RWY 20 | 2    |     | PHOG          | KAHULUI | HI (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 04/30/2015

## REASON FOR REVISION:

REMOVED PHOG LOC/DME BC RWY 20 FROM FIX USE

DEVELOPED BY: DATE: 11/21/2014 OFFICE: AJV-354 NAME: TRACEY STILES

APPROVED BY: DATE: 04/30/2015 OFFICE: AJV-354 NAME: JILL OLSON

SIGNATURE:

## DISTRIBUTION:

NFDC  
 FPO: WST  
 ARTCC: ZHN  
 ATC FACILITY: HCF APP CON, OGG ATCT  
 OTHER:

QUALITY  
 10  
 CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: SWEEP

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 205830.26N/1560012.81W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

| FAC | NAME        | IDENT | TYPE   | CLASS | MAG BRG | TRUE BRG | DME   | DIST FROM FAC NM | MRA  | MAA   |
|-----|-------------|-------|--------|-------|---------|----------|-------|------------------|------|-------|
| 1   | MAUI        | OGG   | VORTAC | H     | 069.00  | 080.00   | 23.80 | 23.80            | 3000 | 45000 |
| 2   | UPOLU POINT | UPP   | VORTAC | H     | 338.00  | 349.00   | 47.17 | 47.17            | 3000 | 45000 |
| 3   | KONA        | IAI   | VORTAC | H     | 349.87  | 000.87   | 78.95 | 78.95            | 8000 | 45000 |

## EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| IAI       | VORTAC   | R-350          | 79       | 8000         | 45000        |
| UPP       | VORTAC   | R-338          | 48       | 3000         | 45000        |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

MAUI (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

| USE TYPE | USE TITLE         | FAC  | PAT | AIRPORT IDENT | CITY    | STATE   |
|----------|-------------------|------|-----|---------------|---------|---------|
| DP       | SWEEP             | 1, 2 |     | PHOG          | KAHULUI | HI (US) |
| EN ROUTE | V11               | 1, 2 |     |               |         | (US)    |
| IAP      | RNAV (GPS) RWY 20 |      |     | PHOG          | KAHULUI | HI (US) |

REQUIRED CHARTING: DP, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

1. FAC 1 OGG AND FAC 1 IAI CORRECTED NUMBERING. FAC 1 AND 2 ADDED DISTANCE FROM NM.
2. ADDED ESVS TO PROPER LOCATION AND DELETED THE STATEMENT BOX 1D: APPROVED: ON FILE.
3. FIX USE REMOVE HI-VOR/DME OR TACAN RWY 20, HI PROCEDURE NO LONGER EXIST. DID NOT REMOVE MILITARY FROM CHARTING BECAUSE THERE IS STILL A LOW TACAN MAINTAINED BY THE FAA.
3. FIX USE ADDED FAC 1 & 2 DATA TO SWEEP DP AND V11 DATA.
4. CHANGED FPO FROM LAX TO WESTERN.
5. ADDED REMARK MAUI (FAC 1) AND UPOLU POINT (FAC 2) USED TO ESTABLISH FIX COORDINATES.
6. REMOVED REMARKS FIX COMPUTED AS INTERSECTION. & NAD 83 / WGS 84

DEVELOPED BY:

DATE: 01/28/2016

OFFICE: AJV-5430

NAME: ANDREW FIELDS

APPROVED BY:

DATE:

OFFICE: AJV-5431

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: UPOYO

STATE: HI

COUNTRY: US

LATITUDE/LONGITUDE: 210106.43N/1561115.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 20

FAC

PAT

AIRPORT IDENT  
PHOG

CITY  
KAHULUI

STATE  
HI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/26/2016

## REASON FOR REVISION:

1. MOVED FIX 1.99 NM SOUTHEAST PER PROCEDURE DESIGN REQUEST. FIX NAME RETAINED FOR ATC OPERATIONAL NEED.
2. REMOVED FAC 1, NOT REQUIRED.
3. UPDATED FIX USE TO REPORT FORMAT.
4. CHANGED FPO FROM LAX TO WESTERN.

DEVELOPED BY:

DATE: 02/19/2016

OFFICE: AJV-5431

NAME: ANDREW FIELDS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZHN  
ATC FACILITY:  
OTHER:

QUALITY  
10  
CHECKED