

RADIO FIX AND HOLDING DATA RECORD

NAME: BRINY **STATE:** OP **COUNTRY:** US **ICAO REGION CODE:** P

LATITUDE/LONGITUDE: 371817.14N/1223941.96W **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 | FEET | MRA | MAA |
|-----|-------------|-------|---------|-------|---------|----------|-------|------------------|------|------|-------|
| 1 | POINT REYES | PYE | VOR/DME | VH | 151.00 | 168.00 | 47.47 | 47.47 | | 5500 | 45000 |
| 2 | WOODSIDE | OSI | VOR/DME | VL | 237.00 | 254.00 | 18.94 | 18.94 | | 7000 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| PYE | VOR/DME | R-151 | 48 | 5500 | 45000 |

FIX RESTRICTIONS:

MRA PYE R-151 7000 SOUTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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 | SW | OSI | VOR/DME | 237.00 | 057.00 | R | 1-1 1/2 | 7000 24000 | 7 21 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 230 | SHIP | 371800.00N/1224000.00W | 295 | 4B |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

POINT REYES (FAC 1) AND WOODSIDE (FAC 2) USED TO ESTABLISH FIX COORDINATES. PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|------|-----|---------------|---------------|---------|
| STAR | PIRAT (RNAV) | | | KOAK | OAKLAND | CA (US) |
| STAR | PIRAT (RNAV) | | | KSFO | SAN FRANCISCO | CA (US) |
| STAR | BRINY | 1, 2 | 1 | KSJC | SAN JOSE | CA (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

1. UPDATED FIX MAKE-UP FACILITY 1 CLASS FROM "H" TO "VH".
2. UPDATED FIX MAKE-UP FACILITY 2 CLASS FROM "L" TO "VL".
3. UPDATED HOLDING PATTERN 1 CONTROLLING OBSTACLE FROM 200' SHIP (4D) ACCURACY CODE TO 295' SHIP (4B) ACCURACY CODE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** FRANK JACKSON

APPROVED BY: **DATE:** 10/02/2023 **OFFICE:** AJV-A430 **NAME:** JOHNNIE BAKER

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: PASIF **STATE:** OP **COUNTRY:** US **ICAO REGION CODE:** P

LATITUDE/LONGITUDE: 371138.00N/1230800.00W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING MIN | ALTITUDES MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|------|-------------|----------------|------------------|------------------------|----------------|------------------|------------------|-----|
| 1 | SW | | WP | 239.46 | 059.46 | L | 10 | 16000 | 20000 | 16 | 18 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 265 | SHIP | 371138.00N/1230800.00W | 295 | 4B |

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|---------------|---------|
| STAR | PIRAT (RNAV) | | 1 | KOAK | OAKLAND | CA (US) |
| STAR | PIRAT (RNAV) | | 1 | KSFO | SAN FRANCISCO | CA (US) |

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 03/21/2024

REASON FOR REVISION:

UPDATED HOLDING PATTERN CONTROLLING OBSTACLE FROM " 200' AAO 371230.53N/1225906.14W (4D)" TO "295' SHIP 371138.00N/12308.00W (4B)".

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** FRANK JACKSON

APPROVED BY: **DATE:** 10/02/2023 **OFFICE:** AJV-A430 **NAME:** JOHNNIE BAKER

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: SIDBY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372702.56N/1220841.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------------------|-----|-----|---------------|---------------|---------|
| IAP | DUMBARTON VISUAL RWY 14L | | | KNUQ | MOUNTAIN VIEW | CA (US) |
| IAP | ILS OR LOC RWY 28L | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | ILS OR LOC RWY 28R | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | ILS RWY 28L (SA CAT II) | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | ILS RWY 28R (CAT II & III) | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | ILS RWY 28R (SA CAT I) | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | QUIET BRIDGE VISUAL RWY 28L/R | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | RNAV (GPS) RWY 28L | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | RNAV (GPS) Z RWY 28R | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | RNAV (RNP) Y RWY 28R | | | KSFO | SAN FRANCISCO | CA (US) |
| IAP | TIPP TOE VISUAL RWY 28L/R | | | KSFO | SAN FRANCISCO | CA (US) |
| STAR | PIRAT (RNAV) | | | KOAK | OAKLAND | CA (US) |
| STAR | PIRAT (RNAV) | | | KSFO | SAN FRANCISCO | CA (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

UPDATED FIX USE, DELETED DUPLICATE FIX USE FOR ILS OR LOC RWY 28R AT KSFO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: FRANK JACKSON

APPROVED BY:

DATE: 10/02/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Nov 01, 2023



RADIO FIX AND HOLDING DATA RECORD

NAME: SUPER STATE: OP COUNTRY: US ICAO REGION CODE: P

LATITUDE/LONGITUDE: 371809.59N/1234846.87W TYPE: WP, 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 | OAKLAND | OAK | VOR/DME | VH | 235.00 | 252.00 | 80.00 | 80.00 | 14500 | 45000 |

FIX RESTRICTIONS:
MRA OFFSHORE 12500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

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 | W | | WP | 274.00 | 094.00 | L | 10 | 12500 40000 | 17 29 |
| 2 | W | | WP | 273.63 | 093.63 | L | 11 | 20000 24000 | 18 20 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPACE | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 265 | SHIP | 371809.59N/1234846.87W | 295 | 4B |

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FIX/HOLDING IS FOR ATC USE ONLY.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|---------------|---------|
| STAR | PIRAT (RNAV) | | 2 | KOAK | OAKLAND | CA (US) |
| STAR | PIRAT (RNAV) | | 2 | KSFO | SAN FRANCISCO | CA (US) |

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 4 DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

- UPDATED FIX MAKE-UP FACILITY 1 CLASS FROM "H" TO "VH".
- UPDATED HOLDING CONTROLLING OBSTACLE FROM "200' BOAT (2D) ACCURACY CODE" TO "295' SHIP (4B) ACCURACY CODE".

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: FRANK JACKSON
 APPROVED BY: DATE: 10/02/2023 OFFICE: AJV-A430 NAME: JOHNNIE BAKER
 SIGNATURE: *Digitally signed by ERIC N SUSKI*
 Nov 01, 2023

