

EFF 30JAN2020

NFDD 236

BM

RADIO FIX AND HOLDING DATA RECORD

NAME: MINOE STATE: CA COUNTRY: US ICAO REGION CODE: K2
LATITUDE/LONGITUDE: 333015.37N/1175838.10W 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 | SANTA ANA | I-SNA | LOC/DME | | 195.91 | 207.91 | 10.88 | 10.90 | | 3000 | 4500 |
| 2 | LOS ANGELES | LAX | VORTAC | H | 123.33 | 138.33 | 34.32 | 34.32 | | 3000 | 17500 |
| 3 | EL TORO | ELB | VOR/DME | T | 216.25 | 230.25 | | 16.06 | | 3000 | 12000 |

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 | S | I-SNA | LOC/DME | 195.91 | 015.91 | R | 1 | | 3000 | 4500 | 6 | 7 |
| 2 | S | | WP | 195.97 | 015.97 | R | | 4 | 3000 | 12000 | 5 | 10 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | SHIP | 333118.00N/1175712.00W | 280 | 2C |
| 2 | 200 | SHIP | 333118.00N/1175712.00W | 280 | 2C |

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

SANTA ANA (FAC 1) AND LOS ANGELES (FAC 2) AND EL TORO (FAC 3) USED TO ESTABLISH FIX COORDINATES
LOC/DME ANTENNA: 333952.33N/1175230.16W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|-------------|----------------------|---------|-----|---------------|---------------|---------|
| EN ROUTE | V25 | 1, 2, 3 | | | | (US) |
| IAP | ILS OR LOC RWY 20R | 1, 2 | 1 | KSNA | SANTA ANA | CA (US) |
| IAP | LOC BC RWY 2L | 1, 2 | | KSNA | SANTA ANA | CA (US) |
| IAP | RNAV (GPS) Y RWY 20R | | 2 | KSNA | SANTA ANA | CA (US) |
| IAP | RNAV (GPS) Y RWY 2L | | | KSNA | SANTA ANA | CA (US) |
| IAP | RNAV (RNP) Z RWY 20R | | | KSNA | SANTA ANA | CA (US) |
| IAP | RNAV (RNP) Z RWY 2L | | | KSNA | SANTA ANA | CA (US) |
| SPECIAL DP | KRAUZ (RNAV) | | | KCA55 | MISSION VIEJO | CA (US) |
| SPECIAL IAP | COPTER RNAV (GPS) 06 | | | KCA55 | MISSION VIEJO | CA (US) |
| STAR | OHSEA (RNAV) | | | KSNA | SANTA ANA | CA (US) |
| STAR | ROOBY (RNAV) | | | KSNA | SANTA ANA | CA (US) |
| STAR | TILLT (RNAV) | | | KSNA | SANTA ANA | CA (US) |

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, SPECIAL IAP, SPECIAL DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

ADDED SPECIAL PROCEDURES TO FIX USE
ADDED SPECIAL IAP/DP TO REQUIRED CHARTING

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A411 NAME: TRACEY STILES
APPROVED BY: DATE: OFFICE: AJV-A410 NAME: JULIE MORGAN

SIGNATURE: Digitally signed by BEV L BORDY

DISTRIBUTION: NFDC
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Dec 03, 2019

