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| Flight Procedure Tracking Form | | Action: FLIGHT CHECK | Task Type: TEXTUAL DP | Date Open: 11/26/2012 | Task #: 2012112629958701001 | Request #: 20121126299587 |
| Procedure: OROVILLE CA KOVE AMDT 3 | | | Airport ID: KOVE | Airport: OROVILLE MUNI | | Reimbursable #: |
| City: OROVILLE | | ST: CA | GPS #: | Estimated Chart Date: 05/02/2013 | | FICO #: |
| Fac ID: | Fac. Type: <i>Proc T</i> | | Specialist: CASIMIR TABAKA | | | |

Procedure Review

| | Rec'd | Rel'd | Full Name | Comments |
|-----------------|------------|------------|----------------|-----------|
| Lead: | 11/26/2012 | 01/04/2013 | CASIMIR TABAKA | <i>P1</i> |
| QA: | 12/18/2012 | | | |
| Liaison: | | | <i>Spec in</i> | |

| | | | |
|--|-------------|---------------------------------|------------------|
| Procedure Comments: | ENROUTE-NON | Remark Type: INFORMATION | <i>149 30-13</i> |
| <p>OROVILLE, CA OROVILLE MUNI (KOVE) TAKE-OFF DEP/MINS, AMDT 3 ENROUTE-NO FC: 3.19.13 PUB: 5.2.13</p> <p>ATTACHED FORMS: 8260-15A; 8260-2(S): (INFO ONLY) TALUM-INT, REV 2.</p> <p>CONTACT: PETE GETZ/LONNIE EVERHART-AVN-130 LEADS, 405.954.2079/ 405.954.4576.</p> | | | |

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| City, State | Airport | Effective Date | Amdt. No. |
|--------------|---------------|----------------|-----------|
| OROVILLE, CA | OROVILLE MUNI | | 3 |

TAKEOFF MINIMUMS:

RWY 13, 20, STANDARD.
RWY 2, STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 1700, OR 1000-2 ½ FOR CLIMB IN VISUAL CONDITIONS.
RWY 31, 400-1 ¾ OR STANDARD WITH MINIMUM CLIMB OF 245 FT PER NM TO 600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2 – CLIMBING LEFT TURN HEADING 170, THENCE... OR FOR CLIMB IN VISUAL CONDITIONS: CROSS OROVILLE MUNI AIRPORT AT OR ABOVE 1100 FT THEN PROCEED ON MXW R-052 TO TALUM INT/MXW 16.92 DME BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.
RWY 31 - CLIMBING LEFT TURN HEADING 170 THENCE...
RWY 13, 20 - CLIMBING RIGHT TURN HEADING 290 THENCE...
...ALL AIRCRAFT CLIMB ON MXW R-052 TO TALUM INT/MXW 16.92 DME. CONTINUE CLIMB ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, TREE 513 FT FROM DER, 603 FT LEFT OF CENTERLINE, 52 FT AGL/236 FT MSL. LIGHT POLES BEGINNING 1368 FT FROM DER, 537 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/255 FT MSL. WINDSOCK 1143 FT FROM DER, 350 FT RIGHT OF CENTERLINE, 19 FT AGL/215 FT MSL. GROUND 191 FT FROM DER, 489 FT RIGHT OF CENTERLINE, 191 FT MSL. **NOTE:** RWY 13, LIGHT ON POLE 128 FT FROM DER, 293 FT RIGHT OF CENTERLINE, 27 FT AGL/ 203 FT MSL. **NOTE:** RWY 20, POLE 902 FT FROM DER, 655 FT RIGHT OF CENTERLINE, 36 FT AGL/217 FT MSL. VEHICLE ON ROAD 819 FT FROM DER, 376 FT LEFT OF CENTERLINE, 15 FT AGL/203 FT MSL. **NOTE:** RWY 31, OBSTRUCTION LIGHT ON TRANSMISSION TOWER 1.4 NM FROM DER, 1825 FT RIGHT OF CENTERLINE, 250 FT AGL/442 FT MSL. TREE 642 FT FROM DER, 638 FT LEFT OF CENTERLINE, 52 FT AGL/244 FT MSL.

CONTROLLING OBSTACLES:

RWY 02: 1149 FT MSL AAO, 393526.13N/1213512.65W
RWY 31: 442 FT MSL OBSTRUCTION LIGHT ON TRANSMISSION TOWER, 393059.05N/1213751.22W
RWY 02 (VCOA): 442 FT MSL OL ON TRANSMISSION TOWER. 393059.05N/1213751.22W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 2, 13, 20, 31 – 3170 FT MSL TOWER 393908.00N/1212747.00W.

QUALITY
1
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
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| OROVILLE, CA | OROVILLE MUNI | | 3 |

REMARKS:

VCOA RWY 02 CLIMB TO ALTITUDE NECESSARY TO REACH MEA AT FIX TALUM.

FLIGHT INSPECTED BY:

DANIEL C. FAVORITE

1/25/13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

LONNIE EVERHART
(LIAM DONAHUE)

AJV-354

07/12/2012

APPROVED BY:

DEBORAH COPELAND

AJV-354

COORDINATED WITH:

ALPA, AOPA, NBAA, ZOA, NORCAL APCH, AMGR, CA AERO.

CHANGES:

- 1) RENUMBERED RUNWAYS 1, 12, 19, 30, to 2, 13, 20, and 31.
- 2) UPDATED FORM TO CURRENT REPORT FORM.
- 3) REEVALUATED ICAS. ADDED LOW CLOSE IN OBSTACLES.
- 4) ADDED AND UPDATED CONTROLLING OBSTACLES.
- 5) ADDED MANDATORY CLIMB GRADIENT FOR RUNWAY 2
- 6) DEVELOPED VCOA ROUTE FOR RUNWAY 2 DUE TO MANDATORY CLIMB GRADIENT.

REASONS:

- 1) RUNWAYS RENUMBERED BY AIRPORT.
- 2) FORMS FORMAT CHANGED TO REPORT TYPE FORMAT.
- 3) UPDATED OBSTACLES FROM CURRENT DATABASE.
- 4) UPDATED PROCEDURE TO MATCH CURRENT CRITERIA IN 8260.46
- 5) MANDATORY CLIMB GRADIENT REQUIRED BY TABLE 1.
- 6) VCOA REQUIRED BY TABLE 1.

02/05/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 31/01/13.

1. CHANGED STATE FROM CALIFORNIA TO CA.

QUALITY
1
CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: TALUM

STATE: CA

COUNTRY: US

LATITUDE/LONGITUDE: 392448.95N/1215246.82W

TYPE: 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 | FAC FEET | MRA | MAA |
|-----|-----------|-------|--------|-------|---------|----------|-------|------------------|----------|------|-------|
| 1 | RED BLUFF | RBL | VORTAC | H | 140.00 | 158.00 | 44.28 | 44.28 | | 2500 | 17500 |
| 2 | MAXWELL | MXW | VORTAC | L | 052.00 | 070.00 | 16.92 | 16.92 | | 2500 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| RBL | VORTAC | R-140 | 45 | 25 | 175 |

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

REMARKS:

RED BLUFF (FAC 1) AND MAXWELL (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVAL COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|------|-----|---------------|------------|---------|
| EN ROUTE | V23 | 1, 2 | | | | (US) |
| IAP | GPS RWY 13 | | | KO08 | COLUSA | CA (US) |
| IAP | ILS OR LOC RWY 14 | 2 | | KMYV | MARYSVILLE | CA (US) |
| IAP | RNAV (GPS) RWY 2 | | | KOVE | OROVILLE | CA (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/31/2012

REASON FOR REVISION:

ADDED DISTANCES FOR FAC 1, 2.
UPDATED FIX USE.
ADDED ESV INFO FOR RED BLUFF.
ADDED REMARK: "RED BLUFF (FAC 1) AND MAXWELL (FAC 2) USED TO ESTABLISH FIX COORDINATES".
REMOVED UNPLANNED HOLDING RESTRICTION.

DEVELOPED BY: DATE: 08/09/2011 OFFICE: AJV-354 NAME: ADOLFO URRUTIA (PHILLIP BRANDENBURG)

APPROVED BY: DATE: 03/16/2012 OFFICE: AJV-354 NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: NORCAL APP CON
OTHER:

