

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> CABLE	<u>AIRPORT ID</u> KCCB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> UPLAND	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 1444	<u>TDZE</u> 1430	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ELMOO	IAF	HOPUN		TF	FB	1.00	084.85	8.52	4500
HOPUN	IF	POM VORTAC		TF	FB	1.00	074.92	6.25	3100
POM VORTAC	FAF	TOVQU	MAP	TF	FO	0.30	054.10	4.65	
TOVQU	MAP	1900 MSL		CA			054.10		
1900 MSL		ADAMM		DF	FO	1.00			

MISSED APPROACH

MAP:

LP: TOVQU
 LNAV: TOVQU

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5500 DIRECT ADAMM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT HOPUN
3. **FAC:** 054.10 **FAF:** POM VORTAC **DIST FAF TO MAP:** 4.65 **DIST FAF TO THLD:** 5.05
4. **MIN ALT:** HOPUN 4500, POM VORTAC 3100
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **HAT:**
6. **MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
7. **GP ANGLE:** **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:**
8. **MSA FROM:** TOVQU 11300



PBN EQUIPMENT REQUIREMENTS NOTES

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELMOO ON V186 WESTBOUND.
CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 24 NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 1.02 DEGREES
POM VORTAC TO RW06: 3.11/40.
WAAS CHANNEL #45934
REFERENCE PATH ID: W06A
CHART FAS OBST: 1436 POLE 340636N/1174154W.
1599 TOWER 340651N/1174148W.
HOLD E, LT, 276.00 INBOUND
LTP HAE: 391.5 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	1780	1	350	1780	1	350	1780	1 1/8	350		NA				
LNAV MDA	1940	1	510	1940	1	510	1940	1 5/8	510		NA				
CIRCLING	2020	1	576	2020	1	576	2140	2	696		NA				



CHANGES - REASONS

1. REMOVED CHART NOTE: USE ONTARIO ALTIMETER SETTING, WHEN NOT RECEIVED, USE RIVERSIDE ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND INCREASE LP AND CIRCLING CAT C VISIBILITY 3/8 MILE AND LNAV CAT C VISIBILITY 1/4 MILE, REPLACED WITH CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET - UPDATED PRIMARY ALTIMETER TO LOCAL, BACKUP NOW KONT.
2. REMOVED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA, REPLACED WITH CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW WITH EMAIL FROM AFS DATED 3/28/16, NIGHT MINIMUMS CAN BE RESTORED TO RNAV (GPS) RWY 6 STRAIGHT IN "ONLY". NIGHT EVAL HAS BEEN SCHEDULED FOR RESTORATION OF REMAINING PROCEDURES. 20:1 PENETRATION HAVE BEEN REMOVED PER EMAIL FROM FPT 3/16/2016.
3. REMOVED CHART NOTE: PROCEDURE NA AT NIGHT - REASON 2.
4. ADDED CHART NOTE: CIRCLING RWY 24 NA AT NIGHT PER RWY 24 20:1 PENS.
5. REMOVED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT, REPLACED WITH CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})- CRITERIA.
6. MISSED APPROACH INSTRUCTION CHANGED FROM "CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT ADAMM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5500 DIRECT ADAMM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5500" - PER NEW CONT OBS IN CIH PATTERN.
7. ADDED PBN REQUIREMENTS NOTE: RNP APCH - REMOVED DME RNP-0.3 NOTE.
8. MISSED HOLD AT ADAMM FROM RIGHT TURN TO LEFT TURN - TO AVOID CIH PENETRATIONS AND RETAIN LOWER MINIMA.
9. CRC REMAINDER FROM 04E7CF89 TO A1E11845 - LENGTH OFFSET FROM 1608 TO 0.

CHANGES FROM PNOTAM AMDT 1A:

LP HAT 350, LNAV HAT 510. USING TDZE 1430 VS THRE 1393.

THIS CLEARS FDC 8/6723.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLA, AMGR

FLIGHT CHECKED BY

KENNETH E JACK

DEVELOPED BY

PHILLIP BRANDENBURG

APPROVED BY

GEORGE DAVIS

Digitally signed by
PHILLIP BRANDENBURG
May 09, 2018

OFFICE

FICO

OFFICE

AJV-5412

OFFICE

AJV-5410

DATE

5/25/18

DATE

04/17/2018

DATE

Digitally signed by
ALLAN WILL
Jun 01, 2018

Digitally signed by
ALLAN WILL
Jun 01, 2018

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCCB
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	340635.3580N
LTP/FTP LONGITUDE	1174134.8820W
LTP/FTP ELLIPSOIDAL HEIGHT	+03915
FPAP LATITUDE	340708.5200N
FPAP LONGITUDE	1173955.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.11
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 CRC REMAINDER	 A1E11845

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+04247
FPAP ORTHOMETRIC HEIGHT	+04247

