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.

PROCEDURE NAME **ORIGINAL/AMENDMENT AIRPORT CITY STATE** AIRPORT ID APPLE VALLEY RNAV (GPS) RWY 18 APPLE VALLEY CA **KAPV** AIRPORT ELEVATION **TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR** 3062 3062 RNAV (GPS) Z RWY 18 ORIG-B 05/29/2014 14E 2000

FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE REQUIRED EFFECTIVE DATE CANCEL/SUSPEND ROUTINE

RNAV 5 DECEMBER 2019

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-24.

| FROM | FIX TYPE | <u>TO</u> | FIX TYPE LEG TYPE | | FO/FB RNP | | COURSE | DISTANCE | ALTITUDE |
|--------------------------|----------|--------------------------|-------------------|----|-----------|------|--------|----------|----------|
| NASTE | | CUREL | | TF | FB | 1.00 | 040.06 | 12.21 | 6300 |
| BASAL | | DAVAY | | TF | FB | 1.00 | 281.14 | 8.61 | 6800 |
| CUREL | IAF | HEDRI | | TF | FB | 1.00 | 074.52 | 6.50 | 6000 |
| DAVAY | IAF | HEDRI | | TF | FB | 1.00 | 254.67 | 6.50 | 6000 |
| HEDRI | IF | VICVU | | TF | FB | 1.00 | 164.60 | 6.70 | 5800 |
| VICVU | FAF | JUTGA/4.03 NM TO (CFFCG) | | TF | FB | 0.30 | 179.60 | 3.17 | |
| JUTGA/4.03 NM TO (CFFCG) | | CUVED/2.63 NM TO (CFFCG) | | TF | FB | 0.30 | 179.60 | 1.40 | |
| CUVED/2.63 NM TO (CFFCG) | | (CFFCG) | MAP | TF | FO | 0.30 | 179.60 | 2.63 | |
| (CFFCG) | MAP | 3380 MSL | | CA | | | 179.60 | | |
| 3380 MSL | | FAPID | | DF | FB | 1.00 | | | |
| FAPID | | FEBAX | | TF | FB | 1.00 | 253.10 | 6.97 | |
| FEBAX | | NASTE | | TF | FO | 1.00 | 315.82 | 13.40 | 6000 |

MISSED APPROACH

TERMINAL ROUTES

MAP: LPV: DA LNAV: (CFFCG)

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 DIRECT FAPID AND TRACK 253.10 TO FEBAX AND TRACK 315.82 TO NASTE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

<u>AIRPORT</u> **AIRPORT ID** PROCEDURE NAME **ORIGINAL/AMENDMENT STATE** <u>CITY</u> APPLE VALLEY **KAPV** RNAV (GPS) RWY 18 APPLE VALLEY CA 1

PROFILE:

1. PT **OUTBOUND FT WITHIN** SIDE OF COURSE MILES OF (IAF)

2. PROFILE STARTS AT HEDRI

3. FAC: 179.60 FAF: VICVU **DIST FAF TO MAP: 7.21 DIST FAF TO THLD: 7.21**

4. MIN ALT: HEDRI 6000, VICVU 5800, JUTGA/4.03 NM TO (CFFCG) 4620*, CUVED/2.63 NM TO (CFFCG) 4100*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 318 HAT: 0.69 GS ANT:

6. MIN GP INCPT: 5800 **GP ALT AT FAF: VICVU 5800** OM: MM: IM:

7. GP ANGLE: 3.50 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 60.0

8. MSA FROM: CFFCG 11000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.

CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT.

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BASAL ON V210-394 NORTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

*LNAV ONLY

CHART NOTE: USE VICTORVILLE ALTIMETER SETTING; IF NOT RECEIVED, PROCEDURE NA.

CHART BUCKHORN MOA.

CHART SPEED ICON IN PLANVIEW AT HEDRI: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART SOUTHERN CALIFORNIA LOGISTICS AWOS-3.

CHART CIRCLING ICON.

FICTITIOUS THRESHOLD POINT (CFFCG).

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.50 DEGREES.

CHART R-2515

WAAS CHANNEL #63102

REFERENCE PATH ID: W18A

FAS OBST: 3289 TREE 343655N/1170943W.

5096 AAO 344153N/1170726W, 4353 AAO 343917N/1170853W, 3429 AAO 343810N/1171047W.

FAC CROSSES RWY C/L EXTENDED 3016 FT FROM THLD.

HOLD E. LT. 248.00 INBOUND

FTP HAE: 901.7 M

AIRPORT AIRPORT ID PROCEDURE NAME ORIGINAL/AMENDMENT CITY STATE
APPLE VALLEY KAPV RNAV (GPS) RWY 18 1 APPLE VALLEY CA

MINIMUMS:

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

ALTERNATE: NA X

| CATEGORY: | A | | В | | С | | | D | | | E | | | | |
|------------|--------|------------|---------|--------|------------|---------|--------|------------|---------|--------|------------|---------|--------|------------|---------|
| FINAL TYPE | DA/MDA | <u>VIS</u> | HAT/HAA |
| LPV DA | 3380 | 7/8 | 318 | 3380 | 7/8 | 318 | 3380 | 7/8 | 318 | 3380 | 7/8 | 318 | | | |
| LNAV MDA | 3600 | 1 | 538 | 3600 | 1 | 538 | 3600 | 1 1/2 | 538 | 3600 | 1 1/2 | 538 | | | |
| CIRCLING | 4220 | 1 1/4 | 1158 | 4440 | 1 1/2 | 1378 | 4740 | 3 | 1678 | 4740 | 3 | 1678 | | | |

CHANGES - REASONS

- 1. PROCEDURE NAME CHANGED FROM RNAV (GPS) Z RWY 18 TO RNAV (GPS) RWY 18 AIRNAV UPDATE.
- 2. FAC CHANGED FROM 182.11 TO 179.60 COURSE OFFSET FOR RESTRICTED ZONE SEPARATION.
- 3. INTERMEDIATE COURSE/DISTANCE CHANGED FROM 182.12/6.01 TO 164.60/6.70 COURSE OFFSET FOR RESTRICTED ZONE SEPARATION.
- 4. INITIAL SEGMENT FROM CUREL TO HEDRI COURSE/DISTANCE CHANGED FROM 092.05/6.00 TO 074.52/6.50 COURSE OFFSET FOR RESTRICTED ZONE SEPARATION.
- 5. INITIAL SEGMENT FROM DAVAY TO HEDRI COURSE/DISTANCE CHANGED FROM 272.19/6.00 TO 254.68/6.50 COURSE OFFSET FOR RESTRICTED ZONE SEPARATION.
- 6. FEEDER FROM NASTE TO CUREL COURSE/DISTANCE CHANGED FROM 041.93/15.62 TO 040.05/12.21 COURSE OFFSET FOR RESTRICTED ZONE SEPARATION.
- 7. FEEDER FROM BASAL TO DAVAY COURSE/DISTANCE CHANGED FROM 270.36/6.41 TO 281.14/8.61 COURSE OFFSET FOR RESTRICTED ZONE SEPARATION.
- 8. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" 8260.19H PARA 8-6-11K(3).
- 9. DELETED NOTE: "DME/DME RNP-0.3 NA REPLACED WITH PBN REQUIREMENTS NOTE: "RNP APCH".
- 10. CRC REMAINDER CHANGED FROM 453CBCC5 TO 965FA9F6 GLIDEPATH ANGLE (GPA) CHANGED FROM 03.10 TO 03.50 AND THRESHOLD CROSSING HEIGHT (TCH) CHANGED FROM 50.0 TO 60.0
- 11. LPV DA/HAT LOWERED FROM 3439/377 TO 3380/318 UPDATED EVALUATION USING TARGETS.
- 12. LPV VISIBILITY LOWERED FROM 1 1/4 TO 7/8 SM ALL CATS UPDATED VISIBILITY CHECK.
- 13. LNAV MDA/HAT LOWERED FROM 4600/1538 TO 3600/538 UPDATED EVALUATION USING TARGETS.
- 14. LNAV VISIBILITY LOWERED FROM: CAT A 1 1/4, CAT B 1 1/2, CAT C/D 3 TO CAT A/B 1, CAT C/D 1 5/8 UPDATED VISIBILITY CHECK.
- 15. CIRCLING CAT A/B CMDA/HAA LOWERED FROM 4600/1538 TO CAT A 4180/1118 CAT B 4440/1378 UPDATED EVALUATION USING TARGETS AND NEW CIRCLING RADII.
- 16. CIRCLING CAT C/D CMDA/HAA RAISED FROM 4600/1538 TO 4740/1678 UPDATED EVALUATION USING TARGETS AND NEW CIRCLING RADII.
- 17. ADDED MISSED APPROACH FIX FEBAX TURN ANGLE WAS 114 DEGREES FROM FAPID TO NASTE.

10/25/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 09/20/2019:

1. CHANGED "FICTITIOUS THRESHOLD POINT (CFFCG) DO NOT CHART" TO "FICTITIOUS THRESHOLD POINT (CFFCG)." IN ADDITIONAL FLIGHT DATA.

COORDINATED WITH: A4A ALPA X AOPA X APA 🗍 HAI \square NBAA X OTHER: JOSHUA APP/DEP CON, ARTP MGR, CA AERO FLIGHT CHECKED BY Digitally signed by **OFFICE** DATE 09/17/2019 JORGE ALBERTO MALCUN FIOG WARDELL HENNING Oct 25, 2019 Digitally signed by **DEVELOPED BY OFFICE** DATE WARDELL HENNING (CHARLES CTR THIBODEAUX) WARDELL HENNING AJV-A432 07/10/2019 Oct 25, 2019 APPROVED BY Digitally signed by **OFFICE** DATE LONNIE EVERHART **WARDELL HENNING** AJV-A430

Oct 25, 2019

TITLE

MANAGER

AIRPORT AIRPORT ID PROCEDURE NAME ORIGINAL/AMENDMENT CITY STATE

APPLE VALLEY KAPV RNAV (GPS) RWY 18 1 APPLE VALLEY CA

FAS DATA BLOCK INFORMATION

| DATA FIELD | <u>DATA</u> |
|----------------------------------|-------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KAPV |
| RUNWAY | RW18 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |

REFERENCE PATH IDENTIFIER (APPROACH ID)
W18A

 LTP/FTP LATITUDE
 343514.8350N

 LTP/FTP LONGITUDE
 1171055.6420W

LTP/FTP ELLIPSOIDAL HEIGHT +09017

 FPAP LATITUDE
 343348.0790N

 FPAP LONGITUDE
 1171120.9710W

THRESHOLD CROSSING HEIGHT (TCH) 00060.0

TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.50

COURSE WIDTH AT THRESHOLD 106.75

LENGTH OFFSET 0000

HORIZONTAL ALERT LIMIT (HAL) 40.0

VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER 965FA9F6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODEK2LTP ORTHOMETRIC HEIGHT+09332FPAP ORTHOMETRIC HEIGHT+09332