

UNITED STATES ARMY
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> AMEDEE AAF | <u>AIRPORT ID</u> KAHC | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 27 | <u>ORIGINAL/AMENDMENT</u> 2 | <u>CITY</u> HERLONG | <u>STATE</u> CA | |
| <u>AIRPORT ELEVATION</u> 4012 | <u>TDZE</u> 4012 | <u>SUPERSEDED</u> RNAV (GPS) RWY 26 | <u>ORIGINAL/AMENDMENT</u> 1 | <u>DATED</u> 08/27/2009 | <u>MAG VAR</u> 13E | <u>EPOCH YEAR</u> 2020 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| FMG VORTAC | | SEDTO | | TF | FB | 1.00 | 335.00 | 36.37 | 11000 |
| WIDUT | | IELE | | TF | FB | 1.00 | 130.28 | 12.75 | 10000 |
| IELE | IAF | JEBED | | TF | FB | 1.00 | 190.36 | 7.84 | 8000 |
| SEDTO | IAF | JEBED | | TF | FB | 1.00 | 341.91 | 6.16 | 8000 |
| JEBED | IF | COKGA | | TF | FB | 1.00 | 266.21 | 4.55 | 7000 |
| COKGA | | YESUY | | TF | FB | 1.00 | 266.11 | 1.90 | 6500 |
| YESUY | | WEBMA | | TF | FB | 1.00 | 266.11 | 1.95 | 5900 |
| WEBMA | FAF | RW27 | MAP | TF | FO | 0.30 | 266.08 | 5.59 | |
| RW27 | MAP | 4412 MSL | | CA | | | 266.08 | | |
| 4412 MSL | | JEBED | | DF | FB | 1.00 | | | |
| JEBED | | IELE | | TF | FO | 1.00 | 010.31 | 7.84 | 10000 |

MISSED APPROACH

MAP:

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 10000 DIRECT JEBED AND TRACK 010.31 TO IELE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000. WHEN AUTHORIZED BY ATC, CONTINUE CLIMB-IN-HOLD TO 14000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
6
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT JEBED

3. FAC: 266.08

FAF: WEBMA

DIST FAF TO MAP: 5.59

DIST FAF TO THLD: 5.59

4. MIN ALT: JEBED 8000, COKGA 7000, YESUY 6500, WEBMA 5900

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

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: RW27 10000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: NOT FOR CIVIL USE
CHART NOTE: VDP NA WHEN USING SUSANVILLE ALTIMETER SETTING.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT C AND D N OF RWY 9-27
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SUSANVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT C AND D 1/2 SM.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WEBMA TO RW26: 3.1/50.
CHART R-2530, RENO MOA
CHART VDP AT 1.38 NM TO RW27
FAS OBST: 4280 AAO 401546N/1200138W.
4643 AAO 401630N/1200021W.
HOLD N, RT, 190.36 INBOUND

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 |
| LNAV MDA | 4540 | 1 | 528 | 4540 | 1 | 528 | 4540 | 1 1/2 | 528 | 4540 | 1 1/2 | 528 | | | |
| CIRCLING | 4540 | 1 | 528 | 4680 | 1 | 668 | 4680 | 1 3/4 | 668 | 4680 | 2 | 668 | | | |



CHANGES - REASONS

1. PROCEDURE RWY CHANGED FROM RWY 26 TO 27 - KAHC MAG VAR CHANGE (17E -13E) INCLUDED RWY.
2. REMOVED FEEDER HETUX TO KETBE - REPLACED WITH FEEDER WIDUT TO IYELE DUE TO REMOVAL OF HOLD-IN-LIEU (H-I-L).
3. REMOVED FEEDER KETBE TO JEBED - REPLACED WITH IAF IYELE TO JEBED DUE TO REMOVAL OF H-I-L.
4. REMOVED H-I-L FROM JEBED - PRECIPITOUS TERRAIN REQUIRED EXCESSIVE DESCENT GRADIENT.
5. IAF SEDTO TO JEBED COURSE/DIST CHANGED FROM 330.88/6.41 TO 341.91/6.16 - JEBED MOVED .8 NM EAST TO BRING DESCENT GRADIENT/VDA INTO CRITERIA.
6. INTERMEDIATE LEG JEBED TO COKGA COURSE/DIST CHANGED FROM 262.18/4.28 TO 266.21/4.55 - MAGVAR CHANGED AND JEBED FIX MOVED.
7. ADDED INTERMEDIATE SDF YESUY - TO BRING DESCENT GRADIENT/VDA INTO CRITERIA.
8. FINAL COURSE/DIST CHANGED FROM 262.09/6.30 TO 266.08/5.59 - MAGVAR CHANGE AND FAF MOVED .7 NM WEST.
9. FAF ATITUDE CHANGED FROM 6400 TO 5900 - TO BRING VDA INTO CRITERA.
10. CHANGED MISSED APPROACH FROM: CLIMBING LEFT TURN TO 12000 DIRECT JEBED AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000. WHEN AUTHORIZED BY ATC CLIMB-IN-HOLD TO 14000 TO: CLIMBING LEFT TURN TO 10000 DIRECT JEBED AND TRACK 013.31 TO IYELE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000. WHEN AUTHORIZED BY ATC, CONTINUE CLIMB-IN-HOLD TO 14000. - CLEARANCE LIMIT CHANGED DUE TO REMOVAL OF H-I-L.
11. ADDED PROFILE LINE 2 REMARK, "PROFILE STARTS AT JEBED" - HOLD-IN-LIEU PATTERN REMOVED.
12. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - IAW 8260.19H, 8-6-7G WHEN NO 20:1 PENETRATIONS.
13. ADDITIONAL FLIGHT DATA CHANGED FROM: CHART FAS OBST: 4388 TREE 401614NI1200107W, 4859 AAO 401642N/1195906W TO: FAS OBST: 4280 AAO 401546N/1200139W. ADDED 4643 AAO 401630N/1200021W. CHANGED VDA FROM: WEBMA TO RWY26: 3.50/50 TO: WEBMA TO RW27: 3.51/50. ALSO, DELETED CHART TDZE, DELETED NOTE MAX HOLDING AIRSPEED 230 KIAS, DELETED ROUTE TYPE DESCRIPTORS/QUALIFIERS AND ADDED MISSED HOLDING DATA. - NEW EVAL RESULTS AND DELETED DATA NO LONGER REQUIRED.
14. CAT E MINIMA REMOVED - APPROVED BY USAASA DUE TO CAT E MISSED APPROACH PENETRATIONS.
15. SI MDA/HAT LOWERED FROM 4600/588 TO 4540/528, SI CAT D VISIBILITY FROM 1 3/4 TO 1 1/2 - NEW EVALUATION RESULTS.
16. CIRCLING MDA/HAA CHANGED FROM 4600/588 TO CAT A 4540/528, CAT B-D 4680/688 - NEW EVALUATION RESULTS.
17. CHANGED CHART NOTE FROM: CIRCLNG NA FOR CATS D AND E N OF RWY 8-26 TO: CIRCLING NA FOR CAT C AND D N OF RWY 9-27 - RWY NUMBERS CHANGED, CAT E REMOVED AND TO PRECLUDE CIRCLING MDA FROM BEING HIGHER THAN FAF ALTITUDE.
18. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SUSANVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT C AND D 1/2 SM - BACK-UP ALTIMETER SOURCE ADDED, PRIMARY NOT WMSCR.
19. CHARTED CIRCLING ICON - APPLIED UPDATED CIRCLING CRITERIA.
20. DELETED CHART NOTE DME/DME RNP-0.3 NA - ADDED PBN REQUIREMENTS NOTE: RNP APCH.
21. DELETED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT - ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

COORDINATED WITH:

A4A ☐ ALPA ☐ AOPA ☐ APA ☐ HAI ☐ NBAA ☐ OTHER: USAASA

| | | | | |
|----------------------------------------------|---------------------------------------------------------------------|---------------------------|---------------------------|-------------------------|
| <u>FLIGHT CHECKED BY</u> THOMAS E MOLOKIE | <i>Digitally signed by</i> GEORGE E DAVIS Oct 17, 2019 | <u>OFFICE</u> FICO | <u>DATE</u> 10/5/19 | |
| | | | | |
| <u>DEVELOPED BY</u> IVAN BLANCO | <i>Digitally signed by</i> IVAN BLANCO Jun 10, 2019 | <u>OFFICE</u> AJV-A450 | <u>DATE</u> 05/15/2019 | |
| | | | | |
| <u>RECOMMENDED BY</u> GEORGE E. DAVIS | <i>Digitally signed by</i> GEORGE E DAVIS | <u>OFFICE</u> AJV-A450 | <u>DATE</u> | <u>TITLE</u> MANAGER |
| | Oct 17, 2019 | | | |
| <u>APPROVED BY</u> | | <u>OFFICE</u> USAASA | <u>DATE</u> | <u>TITLE</u> |
| | | | | |



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

| | | | | | | | |
|------------------------------|---------------------------|--------------------------------------------|----------------------|------------------------|--------------------|----------------------------------|-------------------------|
| <u>AIRPORT</u> AMEDEE AAF | <u>AIRPORT ID</u> KAHC | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 27 | <u>AMDT NO.</u> 2 | <u>CITY</u> HERLONG | <u>STATE</u> CA | <u>AIRPORT ELEVATION</u> 4012 | <u>FACILITY</u> RNAV |
|------------------------------|---------------------------|--------------------------------------------|----------------------|------------------------|--------------------|----------------------------------|-------------------------|

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

| | |
|---------------------------|--------------------|
| <u>FROM</u> FMG VORTAC | <u>TO</u> SEDTO |
|---------------------------|--------------------|

| <u>RNP</u> | <u>DISTANCE</u> 36.37 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> | | | | | | | |
|--------------------|--------------------------|------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u> | | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| 1.AAO | 395836.00N/1194436.00W | | 8905 | 164 | 98 | 4E | 2000 | | | | | 11000 |
| 2.TERRAIN | 395836.00N/1194436.00W | | 8704 (8700) | | | | | | | | AS1500 | 10200 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:

FEEDER

| | |
|----------------------|--------------------|
| <u>FROM</u> WIDUT | <u>TO</u> IYELE |
|----------------------|--------------------|

| <u>RNP</u> | <u>DISTANCE</u> 12.75 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> | | | | | | | |
|--------------------|--------------------------|------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u> | | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| 3.AAO | 403115.00N/1195618.00W | | 6332 | 164 | 98 | 4E | 2000 | | | | AT1668 | 10000 |
| 4.TERRAIN | 403054.00N/1195606.00W | | 5967 (6000) | | | | | | | | AS1500 | 7500 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:



INITIAL

FROM

IYELE

TO

JEBED

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS | | | | | |
|-------------|------------------------|-----|-------------|------|------|----|------|-----|----|------|--------------|---------|
| | 7.84 | | | | | | | | | | | |
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 5.AAO | 401639.00N/1195103.00W | | 5725 | 164 | 98 | 4E | 1000 | | | | PR110 AT1165 | 8000 |
| 6.TERRAIN | 401639.00N/1195103.00W | | 5525 (5500) | | | | | | | | AS1500 | 7000 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

ATC WILL NOT VECTOR TO IYELE. BELOW RADAR COVERAGE.

INITIAL

FROM

SEDTO

TO

JEBED

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS | | | | | |
|-------------|------------------------|-----|-------------|------|------|----|------|-----|----|------|-------------|---------|
| | 6.16 | | | | | | | | | | | |
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 7.AAO | 400642.00N/1194712.00W | | 6060 | 164 | 98 | 4E | 1000 | | | | PR240 AT700 | 8000 |
| 8.TERRAIN | 400745.00N/1194803.00W | | 5669 (5700) | | | | | | | | AS1500 | 7200 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

ATC WILL NOT VECTOR TO SEDTO. BELOW RADAR COVERAGE.



INTERMEDIATE

FROM
JEBED

TO
COKGA

| RNP | DISTANCE 4.55 | PAT | MAP | HAT | | | HMAS | | | | | |
|-------------|------------------------|-----|-------------|------|------|----|------|-----|----|------|--------------------|---------|
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 9.AAO | 401536.00N/1195339.00W | | 6004 | 164 | 98 | 4E | 500 | | | | PR90 AC98 AT308 | 7000 |
| 10.TERRAIN | 401536.00N/1195339.00W | | 5804 (5800) | | | | | | | | AS1000 | 6800 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

IR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
COKGA

TO
YESUY

| RNP | DISTANCE 1.90 | PAT | MAP | HAT | | | HMAS | | | | | |
|-------------|------------------------|-----|-------------|------|------|----|------|-----|----|------|-------------|---------|
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 11.AAO | 401609.00N/1195424.00W | | 5863 | 164 | 98 | 4E | 500 | | | | AC98 | 6500 |
| 12.TERRAIN | 401618.00N/1195524.00W | | 5045 (5000) | | | | | | | | AS1000 | 6000 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

IR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: STEPDOWN

FROM
YESUY

TO
WEBMA

| RNP | DISTANCE 1.95 | PAT | MAP | HAT | | | HMAS | | | | | |
|-------------|------------------------|-----|-------------|------|------|----|------|-----|----|------|-------------|---------|
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 13.AAO | 401633.00N/1195633.00W | | 5181 | 164 | 98 | 4E | 500 | | | | SA-45 AC98 | 5800 |
| 14.TERRAIN | 401536.00N/1195754.00W | | 4895 (4900) | | | | | | | | AS1000 | 5900 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
WEBMA

TO
RW27

| RNP | DISTANCE 5.59 | PAT | MAP RW27 | HAT 528 | | | HMAS | | | | | |
|-------------|------------------------|-----|-------------|------------|------|----|------|-----|----|------|-------------|---------|
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| 15.AAO | 401545.70N/1200137.83W | | 4280 | 50 | 20 | 2C | 250 | | | | | 4540 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM
RW27

TO
IYELE

| RNP | DISTANCE | PAT | MAP | HAT | | | HMAS 4440 | | | | | |
|-------------|------------------------|-----|-------------|------|------|----|--------------|-----|----|------|-------------|---------|
| OBSTRUCTION | COORDINATES | | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| | | | | | | | | ASC | | | | 10000 |
| 9.AAO | 401536.00N/1195339.00W | | 6004 | 164 | 98 | 4E | 1000 | | | | PR180 | 7200 |
| 10.TERRAIN | 401536.00N/1195339.00W | | 5804 (5800) | | | | | | | | AS1500 | 7300 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

| OBSTRUCTION | COORDINATES | RADIUS | HAA | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|--------|-----|----------|------|------|----|-----|-----|-------------|---------|
| CATEGORY A | | | | | | | | | | | |
| 16.TREE | 401715.00N/1200821.00W | 1.37 | 528 | 4097 | 250 | 125 | 4E | 300 | | SI | 4540 |
| CATEGORY B | | | | | | | | | | | |
| 17.TREE | 401749.85N/1200820.84W | 1.96 | 668 | 4379 | 50 | 20 | 2C | 300 | | | 4680 |
| CATEGORY C | | | | | | | | | | | |
| 17.TREE | 401749.85N/1200820.84W | 3.09 | 668 | 4379 | 50 | 20 | 2C | 300 | | | 4680 |
| CATEGORY D | | | | | | | | | | | |
| 17.TREE | 401749.85N/1200820.84W | 4.05 | 668 | 4379 | 50 | 20 | 2C | 300 | | | 4680 |

CIRCLING REMARKS:

CAT B CONTROLLER ALSO DOCUMENTED AS CAT C-D CONTROLLER INSTEAD OF USING XP TO RAISE ACTUAL OBSTACLES TO MEET CAT B MINIMUMS.



MSA

CENTER
RW27

RADIUS
25

| SECTOR | OBSTRUCTION | COORDINATES | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---------|-------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | AAO | 395836.00N/1194436.00W | 121 | 24.9 | 8905 | 164 | 98 | 4E | 1000 | | | 10000 |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZOA ARTCC

| | | | | | | |
|-----------------------------------|-------------------------|----------------------------|---------------------------------|---------------------------|-----------------------|--------------------------|
| <u>WX SERVICE</u> AWOS | <u>LOCATION</u> KAHC | <u>HRS OPERATION</u> 24 | <u>ALTIMETER SOURCE</u> KAHC | <u>DISTANCE</u> 0 | <u>SERVICE-A</u> N | <u>ADJUSTMENTS</u> 0 |
| <u>BACK-UP WX SERVICE</u> AWOS | <u>LOCATION</u> KSVE | <u>HRS OPERATION</u> 24 | <u>ALTIMETER SOURCE</u> KSVE | <u>DISTANCE</u> 20.525 | <u>SERVICE-A</u> Y | <u>ADJUSTMENTS</u> 66 |

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME KAHC 4011.6, KSVE 4149.1 RA = 65.19.

| | | | |
|--------------------------------------------|----------------------|------------------------|----------------------------|
| <u>PRIMARY NAVAID</u> | <u>MONITOR POINT</u> | <u>HRS OPERATION</u> | <u>CAT</u> |
| <u>APPROACH AND RUNWAY LIGHTING SYSTEM</u> | | <u>RUNWAY MARKINGS</u> | <u>RUNWAY VISUAL RANGE</u> |
| RW09 | | PIR-G | |
| RW27 - PAPI-4L | | PIR-G | |

| | | | | | | |
|-------------------------|---------------------------|------------|------------------------|--------------------------|---------------------------|--------------------|
| <u>GLIDESLOPE ANGLE</u> | <u>ELEV RWY THRESHOLD</u> | <u>TCH</u> | <u>ELEV GS ANTENNA</u> | <u>DISTANCE FROM RWY</u> | <u>VGSI ANGLE</u> 3.00 | <u>TCH</u> 86.9 |
|-------------------------|---------------------------|------------|------------------------|--------------------------|---------------------------|--------------------|

FINAL APPROACH COURSE AIMING

| | | | |
|------------------|-------------------------------------|--------------------|------------------------------|
| RUNWAY THRESHOLD | <input checked="" type="checkbox"/> | FT FROM THRESHOLD | DISPLACED THRESHOLD DISTANCE |
| ON CENTERLINE | <input checked="" type="checkbox"/> | FT FROM CENTERLINE | |

CRITICAL TEMPERATURES

| | | | |
|---------------------|----------------------|------------|----------------|
| <u>CRITICAL LOW</u> | <u>CRITICAL HIGH</u> | <u>ACT</u> | <u>APT ISA</u> |
|---------------------|----------------------|------------|----------------|

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 4643 AAO 401630.00N/1200021.00W.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

| | | | |
|-----------------|---------------|---------------------------------|--------|
| DISTANCE FROM | THLD | TO 1000FT POINT | 3.26 |
| WIDTH OF | FINAL | SEGMENT AT 1000FT POINT | 1.20 |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1000FT POINT | 279.08 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 4153 |
| DISTANCE FROM | THLD | TO 1500FT POINT | 12.59 |
| WIDTH OF | INTERMEDIATE | SEGMENT AT 1500FT POINT | 4.00 |
| TRUE COURSE OF | INTERMEDIATE* | SEGMENT CONTAINING 1500FT POINT | 279.21 |
| HIGH TERRAIN IN | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 5803 |

THRESHOLD
COORDINATES
(IF STR-IN)401549.59N/1200758.50W

ARP COORDINATES401557.31N/1200902.21W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 9 DISTANCE 0.82 NM

FAF
COORDINATES401456.90N/1200046.21W

FIX NAME
COORDINATES

REMARKS

*COURSE FROM IF TO 1ST SDF. COURSE FROM 1ST SDF TO FAF 279.11.



PART E: PREPARED BY

| | | | |
|----------------------------|---------------------------|---------------------------|-----------------------------------------------------|
| <u>NAME</u> IVAN BLANCO | <u>OFFICE</u> AJV-A450 | <u>DATE</u> 05/15/2019 | <u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST |
|----------------------------|---------------------------|---------------------------|-----------------------------------------------------|

