

**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 ID</u><br>ILE        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 1 | <u>ORIGINAL/AMENDMENT</u><br>1A       | <u>CITY</u><br>KILLEEN                    | <u>STATE</u><br>TX         |
| <u>AIRPORT ELEVATION</u><br>848 | <u>TDZE</u><br>843                        | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 1 | <u>ORIGINAL/AMENDMENT</u><br>1            | <u>DATED</u><br>09/15/2016 |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>          | <u>ACTUAL EFFECTIVE DATE</u>          | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>MAG VAR</u><br>5E       |
|                                 |                                           |                                       |                                           | <u>EPOCH YEAR</u><br>2010  |
|                                 |                                           |                                       |                                           | <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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| AGJ VORTAC  |                 | CIVIP     |                 | TF              | FB           | 1.00       | 131.31        | 20.36           | 3100            |
| DARTE       |                 | EHWAM     |                 | TF              | FB           | 1.00       | 301.04        | 11.26           | 3100            |
| CIVIP       | IAF             | IZSUN     | NOPT            | TF              | FB           | 1.00       | 101.71        | 6.50            | 3100            |
| EHWAM       | IAF             | IZSUN     | NOPT            | TF              | FB           | 1.00       | 281.83        | 6.50            | 3100            |
| IZSUN       | IF/IAF          | JOTCO     |                 | TF              | FB           | 1.00       | 011.77        | 7.00            | 2100            |
| JOTCO       | FAF             | RW01      | MAP             | TF              | FO           | 0.30       | 011.79        | 3.80            |                 |
| RW01        | MAP             | 1300 MSL  |                 | CA              |              |            | 011.79        |                 | 1300            |
| 1300 MSL    |                 | IZSUN     |                 | DF              | FO           | 1.00       |               |                 | 3100            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW01

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3100 DIRECT IZSUN AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

|                                                                          |                            |                |                       |                        |         |
|--------------------------------------------------------------------------|----------------------------|----------------|-----------------------|------------------------|---------|
| 1. PT                                                                    | SIDE OF COURSE             | OUTBOUND       | FT WITHIN             | MILES OF               | (IAF)   |
| 2. HOLD S IZSUN, RT, 011.77 INBOUND, 3100 IN LIEU OF PT (IAF), MAX 6000. |                            |                |                       |                        |         |
| 3. FAC: 011.79                                                           | FAF: JOTCO                 |                | DIST FAF TO MAP: 3.80 | DIST FAF TO THLD: 3.80 |         |
| 4. MIN ALT: IZSUN 3100, JOTCO 2100                                       |                            |                |                       |                        |         |
| 5. DIST TO THLD FROM OM:                                                 | MM:                        | IM:            | 150 HAT:              | 200 HAT: 0.49          | GS ANT: |
| 6. MIN GP INCPT: 2100                                                    | GP ALT AT PFAF: JOTCO 2100 |                |                       | OM:                    | MM:     |
| 7. GP ANGLE: 3.00                                                        | 34:1: IS CLEAR             | 20:1: IS CLEAR | TCH: 45.0             |                        | IM:     |
| 8. MSA FROM: RW01 4200                                                   |                            |                |                       |                        |         |

QUALITY  
23  
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON AGJ VORTAC AIRWAY RADIALS 185 CW 202.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DARTE ON V17 SOUTHBOUND.  
CHART NOTE: CIRCLING RWY 19 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART KHLR IN PLANVIEW.  
CHART FAS OBST: 1010 POLE (48-025568) 310148N/0974129W.  
CHART R-6302 A, B, C.  
CHART VDP AT 1.39 NM TO RW01.  
WAAS CHANNEL # 50239  
REFERENCE PATH ID: W01A  
LTP HAE: 230.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

| 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 |
| LPV DA       | 1043   | 3/4   | 200     | 1043   | 3/4   | 200     | 1043   | 3/4   | 200     |        | NA  |         |        |     |         |
| LNAV/VNAV DA | 1607   | 2 1/2 | 764     | 1607   | 2 1/2 | 764     | 1607   | 2 1/2 | 764     |        | NA  |         |        |     |         |
| LNAV MDA     | 1360   | 1     | 517     | 1360   | 1     | 517     | 1360   | 1 3/8 | 517     |        | NA  |         |        |     |         |
| CIRCLING     | 1360   | 1     | 512     | 1360   | 1     | 512     | 1440   | 1 1/2 | 592     |        | NA  |         |        |     |         |



CHANGES - REASONS

1. PROFILE LINE 2: ADDED "MAX 6000" – IAW 8260.19K PARA 8-6-7 B 2.
2. PROFILE LINE 5: ADDED "200 HAT: 0.49" - IAW 8260.19K PARA 8-6-7 E.
3. PROFILE LINE 7: CHANGED 20:1 FROM "BLANK" TO "IS CLEAR" – NO 20:1 OBSTACLES PRESENT FOR THIS APPROACH.
4. PROFILE LINE 8: MSA FROM CHANGED FROM "RW01 4100" TO "RW01 4200" – CONTROLLING OBSTACLE RESURVEYED.
5. PBN REQUIREMENTS NOTE: ADDED "RNP APCH – GPS" – IAW 8260.19K PARA 8-6-8 D(5).
6. NOTES: CHART NOTE: REMOVED "DME/DME RNP-0.3 NA"- IAW 8260.19K PARA 8-6-8.
7. NOTES: CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" – IAW 8260.19K PARA 8-6-9 R.
8. ADDITIONAL FLIGHT DATA: REMOVED CHART CIRCLING ICON – NO LONGER REQUIRED.
9. ADDITIONAL FLIGHT DATA: CHANGED LTP HAE FROM "203.2 M" TO "230.1 M" – DUE TO LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGE.
10. ADDITIONAL FLIGHT DATA: CHART FAS OBST, ADDED OBST ID "(48-025568)" – IAW 8260.19K C.
11. ADDITIONAL FLIGHT DATA: REMOVED "\*LNAV ONLY" – NO LONGER REQUIRED.
12. ADDITIONAL FLIGHT DATA: REMOVED "OBST: 1080 AAO 310134N/0974331W" – NO LONGER REQUIRED.
13. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART VDP AT 1.39 MILES TO RW01\*" TO "CHART VDP AT 1.39 MILES TO RW01" - REMOVED ASTERISK (\*), NO LONGER REQUIRED.
14. MINIMUMS: ALTERNATE CHANGED FROM "STANDARD" TO "CAT A, B, C 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" – IAW 8260.3G 3-4-1.
15. MINIMUMS: LPV DA'S ALL CATS CHANGED FROM "1044" TO "1043" – TDZE CHANGED.
16. MINIMUMS: LNAV/VNAV VIS ALL CATS CHANGED FROM "3" TO "2 ½" – IAW 8260.3G TABLE 3-3-1.
17. MINIMUMS: LNAV/VNAV DA'S ALL CATS CHANGED FROM "1608" TO "1607" – TDZE CHANGED.
18. MINIMUMS: LNAV HAA'S ALL CATS CHANGED FROM "516" TO "517" – TDZE CHANGED.
19. FAS DATA: CRC REMAINDER CHANGED FROM "80D0C519" TO "C7D3961F"- UPDATED LTP/FTP LATITUDE/LONGITUDE FROM "310450.9260N0974117.7500W" TO "310451.0200N/0974117.7145W;" LTP/FTP ELLIPSOIDAL HEIGHT FROM "+02302" TO "+02301" AND FPAP LATITUDE/LONGITUDE FROM "310616.4135N/0974047.7540W" TO "310616.5080N/0974047.7190W" AND LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM "+02572" TO "+02570."

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: GRK APP CON, AMGR

FLIGHT CHECKED BY

BRYAN S VEIT

Digitally signed by

ROBERT G HAMILTON

Jun 10, 2026

OFFICE

AJF

DATE

06/09/2026

DEVELOPED BY

ROBERT G HAMILTON (DANIEL R. JOHNSON)

Digitally signed by

ROBERT G HAMILTON

Jun 10, 2026

OFFICE

AJV-A433

DATE

01/21/2026

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Jun 10, 2026

OFFICE

AJV-A433

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

| DATA FIELD                               | DATA          |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KILE          |
| RUNWAY                                   | RW01          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W01A          |
| LTP/FTP LATITUDE                         | 310451.0200N  |
| LTP/FTP LONGITUDE                        | 0974117.7145W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +02301        |
| FPAP LATITUDE                            | 310616.5080N  |
| FPAP LONGITUDE                           | 0974047.7190W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00045.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1336          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |
| CRC REMAINDER                            | C7D3961F      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K4     |
| LTP ORTHOMETRIC HEIGHT  | +02570 |
| FPAP ORTHOMETRIC HEIGHT | +02570 |



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

| <u>AIRPORT ID</u> | <u>PROCEDURE NAME</u> | <u>AMDT NO.</u> | <u>CITY</u> | <u>STATE</u> | <u>AIRPORT ELEVATION</u> | <u>FACILITY</u> |
|-------------------|-----------------------|-----------------|-------------|--------------|--------------------------|-----------------|
| ILE               | RNAV (GPS) RWY 1      | 1A              | KILLEEN     | TX           | 848                      | RNAV            |

## PART A: OBSTRUCTION DATA SEGMENTS

### FEEDER

FROM AGJ VORTAC TO CIVIP

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
| 1.00       | 20.36           |            |            |            |             |

| <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> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| TOWER (48-032604)  | 310420.40N/0975840.20W | 1523            | 500         | 125         | 5E        | 1000       |            |           |             | AT577              | 3100           |
| TERRAIN            | 310739.00N/0980742.00W | 1210 (1200)     |             |             |           |            |            |           |             | AS1500             | 2700           |

## COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

## SEGMENT REMARKS:

### FEEDER

FROM DARTE TO EHWAM

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
| 1.00       | 11.26           |            |            |            |             |

| <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> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| TOWER (48-008577)  | 305133.01N/0973522.32W | 1249            | 250         | 50          | 4D        | 1000       |            |           |             | AT851              | 3100           |
| TERRAIN            | 305012.00N/0973606.00W | 915 (900)       |             |             |           |            |            |           |             | AS1500             | 2400           |

## COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

## SEGMENT REMARKS:



INITIAL

FROM

CIVIP

TO

IZSUN

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|-------------|-----------|-------------|--------------------|----------------|
| 1.00               | 6.50                   |                 |             |             |           |            |             |           |             |                    |                |
| <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> |
| AAO                | 305409.00N/0975015.00W | 1342            | 215         | 8           | 4B        | 1000       |             |           |             | AT758              | 3100           |
| TERRAIN            | 305409.00N/0975015.00W | 1141 (1100)     |             |             |           |            |             |           |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

EHWAM

TO

IZSUN

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|-------------|-----------|-------------|--------------------|----------------|
| 1.00               | 6.50                   |                 |             |             |           |            |             |           |             |                    |                |
| <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> |
| TOWER (48-000068)  | 305245.00N/0974328.00W | 1409            | 250         | 50          | 4D        | 1000       |             |           |             | AT691              | 3100           |
| TERRAIN            | 305342.00N/0974403.00W | 1095 (1100)     |             |             |           |            |             |           |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

IZSUN (IF/IAF)

TO

JOTCO

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            |            |           |             | <u>HMAS</u>        |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|------------|-----------|-------------|--------------------|----------------|
| 1.00               | 7.00                   |                 |             |             |            |            |            |           |             |                    |                |
| <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> |
| TOWER (48-000068)  | 305245.00N/0974328.00W | 1409            | 250         | 50          | 4D         | 500        |            |           |             | SA-69 AT60         | 1900           |
| TERRAIN            | 305506.00N/0974615.00W | 1099 (1100)     |             |             |            |            |            |           |             | AS1000             | 2100           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

JOTCO

TO

RW01

| <u>RNP</u>         | <u>DISTANCE</u>    | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            |            |           |             | <u>HMAS</u>        |                |
|--------------------|--------------------|-----------------|-------------|-------------|------------|------------|------------|-----------|-------------|--------------------|----------------|
| 0.30               | 3.80               |                 | DA          |             | 200        |            |            |           |             |                    |                |
| <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> |
|                    |                    |                 |             |             |            |            | ASC        |           |             |                    | 1043           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

JOTCO

TO

RW01

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|-------------|-----------|-------------|--------------------|----------------|
| 0.30               | 3.80                   |                 | DA          |             | 764        |            |             |           |             |                    |                |
| <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> |
| TOWER (48-136015)  | 310443.49N/0974159.96W | 973             | 20          | 3           | 1A         | 150        |             |           |             | MA484              | 1607           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

JOTCO

TO

RW01

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|-------------|-----------|-------------|--------------------|----------------|
| 0.30               | 3.80                   |                 | RW01        |             | 517        |            |             |           |             |                    |                |
| <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> |
| POLE (48-025568)   | 310148.30N/0974128.86W | 1010            | 20          | 3           | 1A         | 250        |             |           |             | MA113 SA-37        | 1360           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM  
IZSUN

TO  
P-5

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u><br>P-5 | <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> |
| TOWER (48-155952)  | 304947.10N/0974825.80W | 1445              | 250         | 50          | 4D        | 1000       |            |           |             | AT655              | 3100           |
| TERRAIN            | 305342.00N/0974915.00W | 1115 (1100)       |             |             |           |            |            |           |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM  
DA

TO  
IZSUN

| <u>RNP</u><br>0.30-1.00 | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u><br>878 |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|--------------------|-------------|--------------------|----------------|
| <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> |
|                         |                        |                 |             |             |           |            | ASC        |                    |             |                    | 3100           |
| TOWER (48-001922)       | 305909.00N/0973753.00W | 2049            | 250         | 50          | 4D        | 1000       |            |                    |             |                    | 3100           |
| TERRAIN                 | 305506.00N/0974615.00W | 1099 (1100)     |             |             |           |            |            |                    |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

IZSUN

| <u>RNP</u><br>0.30-1.00 | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u><br>1457 |           |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|------------|------------|---------------------|-----------|-------------|--------------------|----------------|
| <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> |
| TOWER (48-001922)       | 305909.00N/0973753.00W | 2049            | 250         | 50          | 4D         |            | ASC                 |           |             |                    | 3100           |
| TOWER (48-001922)       | 305909.00N/0973753.00W | 2049            | 250         | 50          | 4D         | 1000       |                     |           |             |                    | 3100           |
| TERRAIN                 | 305506.00N/0974615.00W | 1099 (1100)     |             |             |            |            |                     |           |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW01

TO

IZSUN

| <u>RNP</u><br>0.30-1.00 |                        | <u>DISTANCE</u> | <u>PAT</u>  | <u>MAP</u>  |           |            | <u>HAT</u> | <u>HMAS</u><br>1259 |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|---------------------|-------------|--------------------|----------------|
| <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> |
| TOWER (48-001922)       | 305909.00N/0973753.00W | 2049            | 250         | 50          | 4D        |            | ASC        |                     |             |                    | 3100           |
| TOWER (48-001922)       | 305909.00N/0973753.00W | 2049            | 250         | 50          | 4D        | 1000       |            |                     |             |                    | 3100           |
| TERRAIN                 | 305506.00N/0974615.00W | 1099 (1100)     |             |             |           |            |            |                     |             | AS1500             | 2600           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

ILE

PROCEDURE NAME

RNAV (GPS) RWY 1

AMDT NO.

1A

CITY

KILLEEN

STATE

TX

AIRPORT ELEVATION

848

FACILITY

RNAV

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        |                        |        |     |          |      |      |    |     |     |             |         |
| AAO               | 310430.00N/0974012.00W | 1.30   | 512 | 999      | 215  | 8    | 4B | 300 |     | SI          | 1360    |
| CATEGORY B        |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (48-007860) | 310630.01N/0973952.96W | 1.83   | 512 | 1035     | 20   | 3    | 1A | 300 |     | SI          | 1360    |
| CATEGORY C        |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (48-003153) | 310418.00N/0973830.00W | 2.89   | 592 | 1037     | 100  | 50   | 3D | 300 |     | XP53 AC50   | 1440    |

CIRCLING REMARKS:  
TO MAINTAIN CURRENT PUBLISHED MINIMA.

MSA

CENTER  
RW01

RADIUS  
25

| SECTOR  | OBSTRUCTION       | COORDINATES            | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC  | OCS | ADJUSTMENTS | MIN ALT |
|---------|-------------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | TOWER (48-005422) | 304334.30N/0975925.40W | 211     | 26.3     | 3125     | 250  | 50   | 4D | 1000 |     |             | 4200    |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

GRK APP CON, FTW FSS

| WX SERVICE         | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | WMSCR | ADJUSTMENTS |
|--------------------|----------|---------------|------------------|----------|-------|-------------|
| AWOS-3             | ILE      | 24            | ILE              |          | Y     | 0           |
| BACK-UP WX SERVICE | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | WMSCR | ADJUSTMENTS |
| FSS                | GRK      | 24            | GRK              | 7.41     | Y     | 42          |

WX REMARKS:

RASS PRESSURE PATTERNS SAME  
KILE 848 KGRK 1021  
RA= 41.6

| PRIMARY NAVAID | MONITOR POINT | HRS OPERATION | CAT |
|----------------|---------------|---------------|-----|
|----------------|---------------|---------------|-----|



| AIRPORT ID<br>ILE                   | PROCEDURE NAME<br>RNAV (GPS) RWY 1 | AMDT NO.<br>1A  | CITY<br>KILLEEN | STATE<br>TX         | AIRPORT ELEVATION<br>848 | FACILITY<br>RNAV |
|-------------------------------------|------------------------------------|-----------------|-----------------|---------------------|--------------------------|------------------|
| APPROACH AND RUNWAY LIGHTING SYSTEM |                                    | RUNWAY MARKINGS |                 | RUNWAY VISUAL RANGE |                          |                  |
| RW19 - MIRL (PCL), REIL, PAPI-4L    |                                    | BSC-G           |                 |                     |                          |                  |
| RW01 - MIRL (PCL), REIL, PAPI-4L    |                                    | PIR-G           |                 |                     |                          |                  |

| GLIDESLOPE ANGLE | ELEV RWY THRESHOLD | TCH  | ELEV GS ANTENNA | DISTANCE FROM RWY | VGSI ANGLE | TCH  |
|------------------|--------------------|------|-----------------|-------------------|------------|------|
| 3.00             | 843.2              | 45.0 |                 |                   | 3.00       | 71.6 |

FINAL APPROACH COURSE AIMING

|                  |                                     |                    |                              |     |
|------------------|-------------------------------------|--------------------|------------------------------|-----|
| RUNWAY THRESHOLD | <input checked="" type="checkbox"/> | FT FROM THRESHOLD  | DISPLACED THRESHOLD DISTANCE | 854 |
| ON CENTERLINE    | <input checked="" type="checkbox"/> | FT FROM CENTERLINE |                              |     |

CRITICAL TEMPERATURES

| CRITICAL LOW | CRITICAL HIGH | ACT  | APT ISA |
|--------------|---------------|------|---------|
| -16C         | +54C          | -16C | +13.32C |

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 828 HIGH TEMP 1176.

"VISUAL PORTION OF FINAL" PENETRATIONS

|                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| FINAL TYPE                                             | CIRCLING                                               |
| 20:1                                                   |                                                        |
| 860 POLE (48-110562) 310540.4500N/0974102.9700W (4.05) | 860 POLE (48-110564) 310540.6000N/0974102.8300W (3.15) |
| 860 POLE (48-110565) 310540.6700N/0974102.7800W (2.75) | 859 POLE (48-110563) 310540.5300N/0974102.9100W (2.59) |
| 860 POLE (48-118396) 310540.7300N/0974102.7100W (2.37) | 863 TREE (48-110199) 310540.7700N/0974100.1500W (1.96) |
| 878 TREE (48-110212) 310544.3000N/0974100.5200W (0.35) |                                                        |
| PENETRATIONS REMARKS:                                  |                                                        |
|                                                        |                                                        |

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

|                       |
|-----------------------|
| PENETRATIONS REMARKS: |
|                       |



PART C: GENERAL REMARKS:

THRESHOLD DISPLACED 854 FEET.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

50 FT VEGETATION.

NO CAT D AIRCRAFT - CAT D MISSED APPROACH TRACK PENETRATES THE RESTRICTED AREAS.

BARO-VNAV AND VDP NA WHEN USING GRK ALTIMETER SETTING.

BACKUP ALTIMETER NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRK ALTIMETER SETTING AND INCREASE LPV DA TO 1085 FEET; INCREASE LNAV/VNAV DA TO 1649 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1093 AAO 310139.00N/0974339.00W.

ORDER 8260.3, 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                 | 3.13   |
| WIDTH OF        | FINAL        | SEGMENT AT 1000FT POINT         | 1.51   |
| TRUE COURSE OF  | FINAL        | SEGMENT CONTAINING 1000FT POINT | 016.79 |
| HIGH TERRAIN IN | FINAL        | SEGMENT CONTAINING 1000FT POINT | 900    |
| DISTANCE FROM   | THLD         | TO 1500FT POINT                 | 9.40   |
| WIDTH OF        | INTERMEDIATE | SEGMENT AT 1500FT POINT         | 3.87   |
| TRUE COURSE OF  | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 016.77 |
| HIGH TERRAIN IN | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 1100   |

|                                            |                           |
|--------------------------------------------|---------------------------|
| THRESHOLD COORDINATES (IF STR-IN)          | 310451.02N/0974117.71W    |
| ARP COORDINATES                            | 310509.00N/0974111.40W    |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 1 DISTANCE 0.45 NM |
| FAF COORDINATES                            | 310111.97N/0974234.51W    |
| FIX NAME COORDINATES                       |                           |

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

THLD DISPLACED 854FT, ACTUAL COORDINATES: 310442.93N/0974120.55W

PART E: PREPARED BY

|                                       |          |            |                                     |
|---------------------------------------|----------|------------|-------------------------------------|
| NAME                                  | OFFICE   | DATE       | TITLE                               |
| ROBERT G HAMILTON (DANIEL R. JOHNSON) | AJV-A433 | 01/21/2026 | AERONAUTICAL INFORMATION SPECIALIST |

