

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> ESSEX COUNTY | <u>AIRPORT ID</u> KCDW | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u> ORIG-C | <u>CITY</u> CALDWELL | <u>STATE</u> NJ |
| <u>AIRPORT ELEVATION</u> 172 | <u>TDZE</u> 172 | <u>SUPERSEDED</u> RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u> ORIG-B | <u>DATED</u> 01/08/2015 | <u>MAG VAR</u> 13W |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | <u>EPOCH YEAR</u> 1985 |

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> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| SAX VORTAC | | YOVUN | | TF | FO | 2.00 | 178.31 | 22.79 | 2700 |
| SBJ VOR/DME | IAF | YOVUN | NOPT | TF | FB | 1.00 | 077.98 | 16.62 | 2700 |
| YOVUN | IF/IAF | ZOGUD | | TF | FB | 1.00 | 042.53 | 6.04 | 2000 |
| ZOGUD | FAF | WISAL/2.90 NM TO RW04 | | TF | FB | 0.30 | 042.57 | 2.70 | |
| WISAL/2.90 NM TO RW04 | | RW04 | MAP | TF | FO | 0.30 | 042.57 | 2.90 | |
| RW04 | MAP | 572 MSL | | CA | | | 042.57 | | |
| 572 MSL | | JIRBO | | DF | FO | 1.00 | | | 2700 |

MISSED APPROACH

MAP:

LP: RW04
 LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT JIRBO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW YOVUN, RT, 042.53 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 5000.

3. FAC: 042.57

FAF: ZOGUD

DIST FAF TO MAP: 5.60

DIST FAF TO THLD: 5.60

4. MIN ALT: YOVUN 2700, ZOGUD 2000, WISAL/2.90 NM TO RW04 1140

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 NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: RW04 2900

PBN REQUIREMENTS NOTES:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 04 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SAX VORTAC AIRWAY RADIALS 093 CW 252.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBJ VOR/DME AIRWAY RADIALS 028 CW 147.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
WAAS CHANNEL #42622
REFERENCE PATH ID: W04A
CHART FAS OBST: 353 TREE 405137N/0741718W.
434 TREE 405026N/0741725W.
HOLD NE, RT, 222.70 INBOUND
LTP HAE: 19.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 900-2, CAT C 1000-2 3/4, CAT D 1300-3

| 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 | 620 | 1 | 448 | 620 | 1 | 448 | 620 | 1 3/8 | 448 | 620 | 1 3/8 | 448 | | | |
| LNAV MDA | 660 | 1 | 488 | 660 | 1 | 488 | 660 | 1 3/8 | 488 | 660 | 1 3/8 | 488 | | | |
| CIRCLING | 940 | 1 | 768 | 1040 | 1 1/4 | 868 | 1100 | 2 3/4 | 928 | 1400 | 3 | 1228 | | | |



CHANGES - REASONS

1. INCREASED CIRC CAT B MDA/HAA FROM 980/808 TO 1040/860, VISIBILITY FROM 1 MILE TO 1 1/4 MILE. INCREASED CIRC CAT C MDA/HAA FROM 1040/868 TO 1100/928, VISIBILITY FROM 2 1/2 MILE TO 2 3/4 MILE. INCREASED CIRC CAT D MDA/HAA FROM 1100/928 TO 1400/1228. - NEW CIRCLING CRITERIA APPLIED.
2. UPDATED INTERMEDIATE RNP FROM 0.50 TO 1.00. - IAW 8260.19H PARA 4-6-10 F.
3. LINE 7: ADDED 20:1 IS NOT CLEAR. - 20:1 PENETRATIONS EXIST.
4. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. ADDED PBN REQUIREMENT NOTE: RNP APCH. - IAW 8260.19H.
5. ADDED CHART NOTE: CHART CIRCLING ICON. - NEW CIRCLING CRITERIA APPLIED IAW 8260.3C.
6. INCORPORATED P-NOTAM ORIG-B (DELETE NOTE: WHEN VGS1 INOP, CIRCLING RWY 22 NA AT NIGHT.) - IAW 8260.19H 8-3-4 C(2).
7. UPDATED CHART NOTE: "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." - IAW 8260.19H SECTION 8-6-11 K(3).
8. UPDATED CHART NOTE: "STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT" TO "PROCEDURE NA AT NIGHT." - IAW 8260.19H SECTION 8-6-11 O(2)A.
9. DELETED CHART NOTE: CIRCLING TO RWY 10, 28 NA AT NIGHT. - REDUNDANT INFORMATION.
10. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST: FROM "351 TREE 405138N/0741724W" TO 353 TREE 405137N/0741718W." - UPDATED OBSTACLE SURVEY.
11. ADDITIONAL FLIGHT DATA: DELETED ZOGUD TO RW04: 3.00/45. ADDED PROFILE NOTE: VISUAL SEGMENT OBSTACLES. - INCORPORATE NOTAM FDC 7/2131.
12. MOVED ALTERNATE ALTIMETER CHART NOTE TO 8260-9 PART C - REMARKS. - IAW 8260.19H 8-6-9 F(3).
13. REMOVED "NA WHEN LOCAL WEATHER NOT AVAILABLE" FROM ALTERNATE MINIMUMS. - ALTERNATE MINIMUMS ARE AUTHORIZED FOR RNAV (GPS) PROCEDURES.
14. FAS DATA: LTP/FTP LATITUDE/LONGITUDE UPDATED FROM 405207.1540N/0741708.4075W TO 405207.1530N/0741708.4065W. LTP/FTP ELLIPSOIDAL HEIGHT UPDATED FROM +00199 TO +00198. - NEW AIRNAV DATA INCORPORATED.
15. FAS DATA: CRC REMAINDER UPDATED FROM 5B1BC989 TO 0DC8A249. - DUE TO CHANGE IN FPAP COORDINATES, GLIDEPATH ANGLE CHANGING FROM 03.00 TO 00.00 AND REMOVAL OF TCH VALUE.
16. LTP/FPAP ORTHOMETRIC HEIGHT UPDATED FROM +00523 TO +00524. - DUE TO CHANGE IN FPAP COORDINATES.
17. TERMINAL ROUTES: WISAL/2.90 NM TO RW04 COURSE UPDATED FROM 042.59 TO 042.57. - NEW AIRNAV DATA INCORPORATED.
18. TERMINAL ROUTES: CA LEG COURSE UPDATED FROM 042.59 TO 042.57. - NEW AIRNAV DATA INCORPORATED.
19. FAS DATA: GLIDEPATH ANGLE CHANGED FROM 3.00 TO 0.00. - VISUAL SEGMENT OBSTACLES REPORTED.
20. TERMINAL ROUTES: MISSED APPROACH DF LEG RNP 1.00 ADDED. - 8260.54A 4-3-1.



| | | | | | |
|--|---------------------------|---|-------------------------------------|-------------------------|--------------------|
| <u>AIRPORT</u> ESSEX COUNTY | <u>AIRPORT ID</u> KCDW | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u> ORIG-C | <u>CITY</u> CALDWELL | <u>STATE</u> NJ |
| <u>COORDINATED WITH:</u> | | | | | |
| A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> NYC APP CON, CDW ATCT, AIRPORT MGR | | | | | |
| <u>FLIGHT CHECKED BY</u> | | <u>OFFICE</u> | <u>DATE</u> | | |
| <u>DEVELOPED BY</u> | | <u>OFFICE</u> | <u>DATE</u> | | |
| LONNIE EVERHART (BARBARA GORMAN) | | AJV-5400 | 04/17/2018 | | |
| <u>APPROVED BY</u> | | <u>OFFICE</u> | <u>DATE</u> | <u>TITLE</u> | |
| LONNIE EVERHART | | AJV-5400 | | MANAGER | |



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|--------------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KCDW |
| RUNWAY | RW04 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W04A |
| LTP/FTP LATITUDE | 405207.1530N |
| LTP/FTP LONGITUDE | 0741708.4065W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00198 |
| FPAP LATITUDE | 405324.6600N |
| FPAP LONGITUDE | 0741610.3600W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00000.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 00.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1480 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| CRC REMAINDER | 0DC8A249 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +00524 |
| FPAP ORTHOMETRIC HEIGHT | +00524 |



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

| | | | | | | | |
|--------------------------------|---------------------------|---|---------------------------|-------------------------|--------------------|---------------------------------|-------------------------|
| <u>AIRPORT</u> ESSEX COUNTY | <u>AIRPORT ID</u> KCDW | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 4 | <u>AMDT NO.</u> ORIG-C | <u>CITY</u> CALDWELL | <u>STATE</u> NJ | <u>AIRPORT ELEVATION</u> 172 | <u>FACILITY</u> RNAV |
|--------------------------------|---------------------------|---|---------------------------|-------------------------|--------------------|---------------------------------|-------------------------|

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
SAX VORTAC

TO
YOVUN

| <u>RNP</u> | <u>DISTANCE</u> 22.79 | <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 | 410402.89N/0743217.91W | 1610 | 50 | 20 | 2C | 1000 | | | | | 2700 |
| 2.TERRAIN | 410402.89N/0743217.91W | 1410 (1400) | | | | | | | | AS1000 | 2400 |

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
SBJ VOR/DME

TO
YOVUN

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | | | <u>HMAS</u> | | | | |
|---------------------|------------------------|-----------------|-------------|-------------|-----------|------------|-------------|-----------|-------------|--------------------|----------------|
| | 16.62 | | | | | | | | | | |
| <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.TOWER (34-001003) | 403641.00N/0743411.00W | 920 | 500 | 125 | 5E | 1000 | | | | AT780 | 2700 |
| 4.TERRAIN | 403703.00N/0743439.00W | 673 (700) | | | | | | | | AS1000 | 1700 |

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:



INTERMEDIATE

FROM

YOYUN (IF/IAF)

TO

ZOGUD

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | | | <u>HMAS</u> | | | | | |
|--------------------|------------------------|------------|-----------------|-------------|-------------|-----------|-------------|------------|-----------|-------------|--------------------|----------------|
| | 6.04 | | | | | | | | | | | |
| <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> |
| 5.AAO | 404154.00N/0742218.00W | | 794 | 250 | 125 | 4E | 500 | | | | AT608 AC98 | 2000 |
| 6.TERRAIN | 404154.00N/0742218.00W | | 594 (600) | | | | | | | | AS1000 | 1600 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

FINAL: LP

FROM

ZOGUD

TO

WISAL/2.90 NM TO RW04

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | | | <u>HMAS</u> | | | | | |
|--------------------|------------------------|------------|-----------------|-------------|-------------|-----------|-------------|------------|-----------|-------------|--------------------|----------------|
| | 2.70 | | | | | | | | | | | |
| <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> |
| 7.AAO | 404843.14N/0741935.44W | | 659 | 50 | 20 | 2C | 250 | | | | RA50 DG181 | 1140 |

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 | | | | | | | | | | | |
| 15.TREE (34-020511) | 405214.42N/0741503.11W | 1.30 | 768 | 640 | 20 | 20 | 1C | 300 | | | 940 |
| CATEGORY B | | | | | | | | | | | |
| 16.TRANSMISSION_LINE (34-058048) | 405147.90N/0741442.19W | 1.81 | 868 | 732 | 20 | 10 | 1B | 300 | | | 1040 |
| CATEGORY C | | | | | | | | | | | |
| 17.TREE (34-049573) | 405023.37N/0741522.12W | 2.84 | 928 | 790 | 20 | 10 | 1B | 300 | | | 1100 |
| CATEGORY D | | | | | | | | | | | |
| 18.TOWER (34-000181) | 405153.75N/0741200.17W | 3.74 | 1228 | 1048 | 50 | 50 | 3D | 300 | | AC50 | 1400 |

CIRCLING REMARKS:

MSA

| CENTER | RADIUS |
|--------|--------|
| RW04 | 25 |

| SECTOR | OBSTRUCTION | COORDINATES | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---------|-------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | AAO | 411304.02N/0744314.99W | 330 | 28.8 | 1869 | 50 | 20 | 2C | 1000 | | | 2900 |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA
COMMUNICATIONS WITH
CDW TOWER, NYC APP CON



| <u>AIRPORT</u> | <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> |
|--|-------------------|-----------------------|-----------------|---|--------------|--------------------------|-----------------|
| ESSEX COUNTY | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 195 BUILDING (34-026560) 405235.11N/0741715.43W (7.59) | | | | 199 POLE (34-026699) 405234.81N/0741716.88W (5.88) | | | |
| 220 TREE (34-029398) 405237.07N/0741723.25W (3.95) | | | | 195 TREE (34-026798) 405237.07N/0741716.73W (3.82) | | | |
| 215 TREE (34-029255) 405239.64N/0741723.10W (1.08) | | | | 236 TREE (34-029225) 405234.87N/0741727.88W (0.97) | | | |
| 199 TREE (34-027864) 405236.62N/0741718.69W (0.07) | | | | | | | |
| Final Type | CIRCLING RWY 22 | | | | | | |
| 20:1 | | | | | | | |
| 179 FENCE (34-026827) 405244.31N/0741642.13W (5.70) | | | | 177 FENCE (34-024299) 405244.33N/0741642.40W (4.13) | | | |
| Final Type | CIRCLING RWY 28 | | | | | | |
| 20:1 | | | | | | | |
| 509 TREE (34-049863) 405238.42N/0741524.43W (78.24) | | | | 514 TREE (34-048545) 405238.06N/0741520.03W (66.68) | | | |
| 391 TREE (34-048991) 405238.55N/0741550.97W (61.38) | | | | 517 TREE (34-049200) 405238.27N/0741516.73W (56.97) | | | |
| 352 TREE (34-049659) 405239.65N/0741559.30W (53.48) | | | | 379 TREE (34-050354) 405239.56N/0741552.08W (53.00) | | | |
| 511 TREE (34-020451) 405239.70N/0741517.22W (51.97) | | | | 421 TREE (34-049488) 405238.47N/0741539.67W (48.33) | | | |
| 339 TREE (34-050801) 405239.50N/0741601.26W (48.05) | | | | 347 TREE (34-048835) 405238.65N/0741558.57W (46.30) | | | |
| 482 TREE (34-049338) 405237.73N/0741522.78W (45.36) | | | | 368 TREE (34-050966) 405238.46N/0741552.53W (44.38) | | | |
| 379 TREE (34-048999) 405238.54N/0741549.55W (43.97) | | | | 349 TREE (34-049712) 405239.55N/0741557.23W (42.65) | | | |
| 436 TREE (34-049799) 405241.10N/0741534.39W (41.61) | | | | 352 TREE (34-049073) 405239.79N/0741555.72W (39.74) | | | |
| 240 TREE (34-029291) 405244.45N/0741625.82W (39.72) | | | | 485 TREE (34-048542) 405239.77N/0741520.46W (38.29) | | | |
| 472 TREE (34-058054) 405240.37N/0741523.71W (37.32) | | | | 340 TREE (34-050829) 405240.38N/0741558.24W (37.00) | | | |
| 347 TREE (34-050167) 405240.66N/0741556.44W (36.97) | | | | 384 TREE (34-048766) 405239.11N/0741546.44W (36.76) | | | |
| 476 TREE (34-049218) 405240.21N/0741522.29W (36.00) | | | | 329 TREE (34-048801) 405240.53N/0741600.76W (35.52) | | | |
| 410 TREE (34-048856) 405239.88N/0741539.14W (34.46) | | | | 350 TREE (34-050313) 405241.05N/0741554.96W (34.09) | | | |
| 489 TREE (34-050625) 405238.63N/0741518.11W (34.01) | | | | 420 TREE (34-050762) 405239.59N/0741536.25W (33.61) | | | |
| 357 TREE (34-048573) 405241.19N/0741552.95W (33.34) | | | | 374 TREE (34-048673) 405238.32N/0741547.88W (32.73) | | | |
| 363 TREE (34-049133) 405241.00N/0741551.15W (32.59) | | | | 349 TREE (34-048556) 405238.82N/0741554.45W (32.48) | | | |
| 351 TREE (34-049807) 405240.00N/0741554.05W (32.25) | | | | 440 TREE (34-049829) 405238.97N/0741530.45W (31.87) | | | |
| 429 TREE (34-049085) 405239.04N/0741533.31W (31.73) | | | | 414 TREE (34-049190) 405240.39N/0741537.36W (31.37) | | | |
| 437 TREE (34-049637) 405241.37N/0741531.28W (30.59) | | | | 403 TREE (34-049491) 405240.66N/0741540.01W (30.31) | | | |
| 413 TREE (34-049063) 405241.94N/0741537.11W (28.48) | | | | 365 TREE (34-049150) 405239.76N/0741549.34W (28.43) | | | |
| 448 TREE (34-048610) 405239.52N/0741527.48W (28.21) | | | | 453 TREE (34-049475) 405239.56N/0741525.99W (27.50) | | | |

QUALITY
19
CHECKED



| <u>AIRPORT</u> | <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> |
|---|-------------------|-----------------------|-----------------|---|--------------|--------------------------|-----------------|
| ESSEX COUNTY | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 363 TREE (34-049007) 405240.94N/0741549.79W (27.44) | | | | 438 TREE (34-049114) 405242.04N/0741530.28W (27.37) | | | |
| 404 TREE (34-048690) 405241.31N/0741538.77W (26.19) | | | | 426 TREE (34-050953) 405240.47N/0741532.62W (25.24) | | | |
| 439 TREE (34-050985) 405240.80N/0741529.00W (24.24) | | | | 446 TREE (34-048622) 405238.49N/0741526.76W (24.08) | | | |
| 464 TREE (34-057859) 405241.24N/0741522.21W (23.08) | | | | 412 TREE (34-050922) 405241.18N/0741535.75W (22.75) | | | |
| 365 TREE (34-048681) 405239.53N/0741547.78W (22.62) | | | | 464 TREE (34-049391) 405238.15N/0741521.49W (22.19) | | | |
| 320 TREE (34-057703) 405240.91N/0741559.42W (21.18) | | | | 401 TREE (34-049037) 405238.60N/0741537.77W (21.01) | | | |
| 421 TREE (34-050952) 405242.19N/0741533.04W (20.81) | | | | 481 TREE (34-057255) 405239.32N/0741516.83W (20.72) | | | |
| 262 TREE (34-028365) 405239.04N/0741614.01W (19.95) | | | | 373 TREE (34-050055) 405239.12N/0741544.85W (19.69) | | | |
| 458 TREE (34-049220) 405239.23N/0741522.09W (17.83) | | | | 421 TREE (34-050330) 405239.70N/0741531.65W (17.00) | | | |
| 346 TREE (34-049263) 405242.16N/0741551.28W (15.38) | | | | 302 TREE (34-048797) 405240.05N/0741602.44W (15.21) | | | |
| 222 TREE (34-029192) 405239.36N/0741622.91W (13.69) | | | | 521 TREE (34-055051) 405238.01N/0741504.22W (13.41) | | | |
| 413 TREE (34-050791) 405238.22N/0741532.49W (13.10) | | | | 425 TREE (34-049120) 405239.89N/0741529.53W (12.81) | | | |
| 233 TREE (34-029222) 405239.41N/0741619.48W (11.58) | | | | 249 TREE (34-028526) 405240.39N/0741615.22W (10.75) | | | |
| 352 TREE (34-048680) 405240.60N/0741548.11W (10.23) | | | | 364 TREE (34-049233) 405240.42N/0741544.72W (9.42) | | | |
| 385 TREE (34-048861) 405242.16N/0741539.48W (9.38) | | | | 432 TREE (34-048637) 405241.56N/0741527.04W (9.30) | | | |
| 329 TREE (34-049099) 405242.37N/0741554.12W (9.09) | | | | 503 TREE (34-050104) 405239.47N/0741507.80W (8.19) | | | |
| 428 TREE (34-048618) 405243.73N/0741528.02W (7.74) | | | | 389 TREE (34-048939) 405243.52N/0741538.12W (7.38) | | | |
| 401 TREE (34-049797) 405241.99N/0741534.65W (7.07) | | | | 517 TREE (34-050544) 405239.66N/0741503.84W (6.97) | | | |
| 321 TREE (34-048550) 405242.77N/0741555.71W (6.91) | | | | 521 TREE (34-050279) 405238.75N/0741502.50W (6.41) | | | |
| 381 TREE (34-048859) 405243.12N/0741539.87W (6.29) | | | | 479 TREE (34-050864) 405241.20N/0741513.68W (5.57) | | | |
| 369 TREE (34-049642) 405239.73N/0741542.25W (5.41) | | | | 296 TREE (34-050089) 405241.43N/0741601.55W (4.99) | | | |
| 238 TREE (34-020452) 405245.36N/0741617.37W (4.95) | | | | 374 TREE (34-049299) 405241.39N/0741540.94W (4.42) | | | |
| 363 TREE (34-050809) 405239.21N/0741543.46W (4.34) | | | | 236 TREE (34-028359) 405245.42N/0741617.72W (4.25) | | | |
| 391 TREE (34-056630) 405243.90N/0741536.83W (4.23) | | | | 352 TREE (34-050462) 405240.92N/0741546.46W (3.75) | | | |
| 424 TREE (34-048616) 405240.58N/0741527.42W (3.34) | | | | 529 TREE (34-048412) 405237.34N/0741459.33W (3.17) | | | |
| 408 TREE (34-050338) 405242.87N/0741531.89W (3.01) | | | | 300 TREE (34-049658) 405241.91N/0741600.04W (2.94) | | | |
| 390 TREE (34-056628) 405242.82N/0741536.39W (2.20) | | | | 310 TREE (34-051104) 405241.77N/0741557.14W (1.97) | | | |
| 175 SIGN (34-026740) 405239.88N/0741632.17W (1.69) | | | | 283 TREE (34-050070) 405239.94N/0741603.83W (1.58) | | | |
| 244 TREE (34-028991) 405241.72N/0741614.09W (0.64) | | | | | | | |
| Final Type | LNAV | | | | | | |

QUALITY
19
CHECKED



| <u>AIRPORT</u> | <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> |
|--|-------------------|-----------------------|-----------------|--|--------------|--------------------------|-----------------|
| ESSEX COUNTY | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 20:1 | | | | | | | |
| 240 TREE (34-057875) 405201.25N/0741709.34W (50.46) | | | | 343 TREE (34-050099) 405140.04N/0741720.40W (39.15) | | | |
| 333 TREE (34-049443) 405141.21N/0741720.57W (33.97) | | | | 293 TREE (34-049937) 405151.92N/0741724.59W (33.47) | | | |
| 227 TREE (34-020503) 405200.50N/0741709.73W (33.42) | | | | 332 TREE (34-020519) 405141.77N/0741721.82W (33.06) | | | |
| 308 TREE (34-049149) 405147.08N/0741722.22W (31.67) | | | | 307 TREE (34-020521) 405147.33N/0741722.33W (31.56) | | | |
| 308 TREE (34-049310) 405146.65N/0741722.93W (28.43) | | | | 285 TREE (34-049803) 405152.33N/0741724.87W (26.74) | | | |
| 311 TREE (34-048896) 405145.22N/0741722.14W (26.64) | | | | 290 TREE (34-050972) 405149.33N/0741720.98W (25.92) | | | |
| 304 TREE (34-049301) 405147.29N/0741724.01W (25.20) | | | | 292 TREE (34-049124) 405146.99N/0741717.92W (23.43) | | | |
| 295 TREE (34-049843) 405148.35N/0741723.70W (21.45) | | | | 284 TREE (34-048585) 405148.30N/0741719.07W (19.01) | | | |
| 263 TREE (34-058258) 405151.69N/0741716.25W (18.28) | | | | 292 TREE (34-048998) 405147.37N/0741721.88W (17.59) | | | |
| 273 TREE (34-050488) 405151.90N/0741723.56W (15.33) | | | | 208 TREE (34-050513) 405202.27N/0741713.84W (14.40) | | | |
| 215 TREE (34-049144) 405200.96N/0741714.92W (13.59) | | | | 262 TREE (34-020527) 405151.63N/0741718.86W (12.06) | | | |
| 209 TREE (34-050081) 405201.65N/0741714.41W (11.59) | | | | 242 TREE (34-020528) 405154.12N/0741715.18W (10.00) | | | |
| 209 TREE (34-057881) 405159.57N/0741710.71W (9.46) | | | | 303 TREE (34-050059) 405145.32N/0741727.27W (9.34) | | | |
| 251 TREE (34-050995) 405151.46N/0741714.94W (7.75) | | | | 327 TREE (34-049187) 405137.40N/0741722.98W (6.64) | | | |
| 311 TREE (34-050097) 405141.35N/0741723.96W (6.16) | | | | 267 TREE (34-049098) 405150.29N/0741721.81W (5.57) | | | |
| 219 BUILDING (34-020516) 405157.42N/0741713.45W (4.80) | | | | 212 POLE (34-050669) 405158.14N/0741711.44W (4.79) | | | |
| 278 TREE (34-049842) 405149.20N/0741725.61W (4.56) | | | | 230 TREE (34-049625) 405157.42N/0741719.53W (4.27) | | | |
| 199 BUILDING (34-049958) 405202.34N/0741715.11W (3.30) | | | | 217 BUILDING (34-050045) 405157.36N/0741713.28W (2.86) | | | |
| 198 BUILDING (34-020510) 405202.20N/0741714.75W (2.37) | | | | 192 TREE (34-038260) 405202.96N/0741713.46W (2.16) | | | |
| 210 POLE (34-024387) 405158.09N/0741711.76W (1.96) | | | | 337 TREE (34-049802) 405137.94N/0741731.97W (1.95) | | | |
| 261 TREE (34-049938) 405151.09N/0741722.75W (1.31) | | | | 211 TREE (34-049327) 405159.57N/0741716.27W (0.91) | | | |
| 193 POLE (34-048788) 405202.70N/0741714.22W (0.57) | | | | 211 POLE (34-024389) 405157.57N/0741712.03W (0.16) | | | |
| 328 TREE (34-050772) 405138.42N/0741729.30W (0.13) | | | | | | | |
| Final Type | LNAV | | | | | | |
| 34:1 | | | | | | | |
| 343 TREE (34-050099) 405140.04N/0741720.40W (93.52) | | | | 333 TREE (34-049443) 405141.21N/0741720.57W (86.36) | | | |
| 332 TREE (34-020519) 405141.77N/0741721.82W (85.41) | | | | 308 TREE (34-049149) 405147.08N/0741722.22W (74.71) | | | |
| 307 TREE (34-020521) 405147.33N/0741722.33W (74.23) | | | | 311 TREE (34-048896) 405145.22N/0741722.14W (72.99) | | | |
| 308 TREE (34-049310) 405146.65N/0741722.93W (72.81) | | | | 293 TREE (34-049937) 405151.92N/0741724.59W (69.59) | | | |

QUALITY
19
CHECKED



| <u>AIRPORT</u> | | <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> |
|---|--|-------------------|-----------------------|-----------------|---|--------------|--------------------------|-----------------|
| ESSEX COUNTY | | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 304 TREE (34-049301) 405147.29N/0741724.01W (69.26) | | | | | 337 TREE (34-049802) 405137.94N/0741731.97W (69.17) | | | |
| 327 TREE (34-049187) 405137.40N/0741722.98W (67.81) | | | | | 328 TREE (34-050772) 405138.42N/0741729.30W (64.39) | | | |
| 332 TREE (34-048957) 405137.14N/0741730.29W (63.98) | | | | | 290 TREE (34-050972) 405149.33N/0741720.98W (63.92) | | | |
| 295 TREE (34-049843) 405148.35N/0741723.70W (63.35) | | | | | 292 TREE (34-049124) 405146.99N/0741717.92W (63.28) | | | |
| 285 TREE (34-049803) 405152.33N/0741724.87W (62.34) | | | | | 329 TREE (34-048956) 405135.33N/0741725.34W (61.82) | | | |
| 311 TREE (34-050097) 405141.35N/0741723.96W (60.94) | | | | | 292 TREE (34-048998) 405147.37N/0741721.88W (59.84) | | | |
| 303 TREE (34-050059) 405145.32N/0741727.27W (59.52) | | | | | 327 TREE (34-056382) 405136.31N/0741728.88W (58.40) | | | |
| 314 TREE (34-048867) 405138.33N/0741722.21W (58.08) | | | | | 240 TREE (34-057875) 405201.25N/0741709.34W (57.76) | | | |
| 284 TREE (34-048585) 405148.30N/0741719.07W (57.38) | | | | | 321 TREE (34-050923) 405137.39N/0741727.38W (56.87) | | | |
| 330 TREE (34-049639) 405134.16N/0741728.96W (55.75) | | | | | 322 TREE (34-048955) 405135.76N/0741726.57W (54.56) | | | |
| 317 TREE (34-050921) 405138.68N/0741730.63W (52.58) | | | | | 273 TREE (34-050488) 405151.90N/0741723.56W (50.69) | | | |
| 318 TREE (34-049082) 405134.44N/0741723.40W (50.68) | | | | | 321 TREE (34-050951) 405135.20N/0741727.92W (50.60) | | | |
| 311 TREE (34-049065) 405137.40N/0741724.73W (49.86) | | | | | 292 TREE (34-056377) 405144.95N/0741725.91W (49.08) | | | |
| 313 TREE (34-050300) 405135.50N/0741723.13W (48.72) | | | | | 298 TREE (34-049975) 405144.81N/0741731.28W (48.72) | | | |
| 263 TREE (34-058258) 405151.69N/0741716.25W (48.31) | | | | | 312 TREE (34-050924) 405136.73N/0741725.83W (47.89) | | | |
| 289 TREE (34-056641) 405146.34N/0741727.62W (47.77) | | | | | 278 TREE (34-049842) 405149.20N/0741725.61W (46.41) | | | |
| 316 TREE (34-050954) 405133.98N/0741724.57W (46.18) | | | | | 315 TREE (34-050790) 405137.12N/0741732.10W (44.90) | | | |
| 318 TREE (34-049818) 405132.85N/0741725.25W (44.50) | | | | | 262 TREE (34-020527) 405151.63N/0741718.86W (44.24) | | | |
| 294 TREE (34-056905) 405143.92N/0741730.10W (43.74) | | | | | 293 TREE (34-050091) 405143.16N/0741727.98W (43.14) | | | |
| 267 TREE (34-049098) 405150.29N/0741721.81W (42.48) | | | | | 227 TREE (34-020503) 405200.50N/0741709.73W (42.39) | | | |
| 275 TREE (34-049173) 405148.10N/0741725.54W (40.64) | | | | | 261 TREE (34-049938) 405151.09N/0741722.75W (37.50) | | | |
| 251 TREE (34-050995) 405151.46N/0741714.94W (37.17) | | | | | 313 TREE (34-055619) 405131.96N/0741725.94W (36.43) | | | |
| 280 TREE (34-049411) 405144.02N/0741725.36W (35.29) | | | | | 242 TREE (34-020528) 405154.12N/0741715.18W (34.79) | | | |
| 300 TREE (34-050179) 405139.08N/0741732.30W (34.75) | | | | | 284 TREE (34-049980) 405142.38N/0741726.06W (34.26) | | | |
| 284 TREE (34-049159) 405144.64N/0741732.84W (32.54) | | | | | 261 TREE (34-049134) 405150.30N/0741726.77W (30.97) | | | |
| 272 TREE (34-050470) 405147.27N/0741729.78W (30.76) | | | | | 308 TREE (34-049254) 405133.55N/0741730.52W (30.43) | | | |
| 296 TREE (34-049790) 405139.19N/0741733.83W (29.33) | | | | | 248 TREE (34-049224) 405150.47N/0741717.37W (28.90) | | | |
| 317 TREE (34-057441) 405134.51N/0741742.41W (28.64) | | | | | 273 TREE (34-055878) 405143.28N/0741723.69W (28.23) | | | |
| 302 TREE (34-049822) 405133.66N/0741727.82W (27.73) | | | | | 230 TREE (34-049625) 405157.42N/0741719.53W (26.47) | | | |
| 236 TREE (34-048987) 405155.19N/0741719.98W (26.20) | | | | | 215 TREE (34-049144) 405200.96N/0741714.92W (25.78) | | | |



| <u>AIRPORT</u> | <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> |
|---|-------------------|-----------------------|-----------------|---|--------------|--------------------------|-----------------|
| ESSEX COUNTY | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 310 TREE (34-048824) 405135.72N/0741741.59W (25.69) | | | | 311 TREE (34-049477) 405133.40N/0741737.38W (25.38) | | | |
| 241 TREE (34-049709) 405153.57N/0741721.56W (25.24) | | | | 300 TREE (34-048981) 405135.64N/0741734.21W (23.72) | | | |
| 208 TREE (34-050513) 405202.27N/0741713.84W (23.38) | | | | 292 TREE (34-049087) 405135.89N/0741728.28W (22.98) | | | |
| 219 BUILDING (34-020516) 405157.42N/0741713.45W (22.26) | | | | 209 TREE (34-050081) 405201.65N/0741714.41W (22.14) | | | |
| 307 TREE (34-049673) 405130.60N/0741730.91W (21.36) | | | | 209 TREE (34-057881) 405159.57N/0741710.71W (20.88) | | | |
| 238 TREE (34-055332) 405151.92N/0741719.46W (20.32) | | | | 217 BUILDING (34-050045) 405157.36N/0741713.28W (20.30) | | | |
| 296 TREE (34-048979) 405135.18N/0741732.97W (19.91) | | | | 299 TREE (34-048594) 405131.35N/0741727.06W (19.60) | | | |
| 258 TREE (34-048755) 405148.39N/0741729.87W (19.56) | | | | 212 POLE (34-050669) 405158.14N/0741711.44W (19.37) | | | |
| 223 TREE (34-048794) 405154.81N/0741713.77W (19.15) | | | | 293 TREE (34-049826) 405135.02N/0741731.65W (17.97) | | | |
| 297 TREE (34-056383) 405132.64N/0741729.96W (17.70) | | | | 266 BUILDING (34-024539) 405141.44N/0741722.85W (17.41) | | | |
| 216 POLE (34-024396) 405156.22N/0741712.66W (17.04) | | | | 210 POLE (34-024387) 405158.09N/0741711.76W (16.88) | | | |
| 211 TREE (34-049327) 405159.57N/0741716.27W (16.68) | | | | 211 POLE (34-024389) 405157.57N/0741712.03W (16.24) | | | |
| 303 TREE (34-049684) 405134.28N/0741740.50W (16.18) | | | | 306 TREE (34-048884) 405133.62N/0741741.80W (16.02) | | | |
| 212 BUILDING (34-049925) 405158.70N/0741716.01W (15.72) | | | | 307 TREE (34-049341) 405133.95N/0741744.06W (15.35) | | | |
| 264 BUILDING (34-049976) 405141.42N/0741723.09W (15.09) | | | | 216 BUILDING (34-049433) 405155.10N/0741712.71W (14.08) | | | |
| 209 TREE (34-050595) 405159.40N/0741716.61W (13.86) | | | | 262 BUILDING (34-055616) 405141.60N/0741722.89W (13.78) | | | |
| 290 TREE (34-048982) 405136.68N/0741736.60W (13.74) | | | | 262 BUILDING (34-049452) 405141.44N/0741722.57W (13.72) | | | |
| 199 BUILDING (34-049958) 405202.34N/0741715.11W (13.14) | | | | 262 BUILDING (34-055615) 405141.25N/0741722.74W (13.04) | | | |
| 209 TREE (34-050910) 405158.30N/0741714.95W (12.86) | | | | 206 POLE (34-050670) 405200.58N/0741717.64W (12.76) | | | |
| 214 BUILDING (34-050074) 405155.99N/0741714.24W (12.68) | | | | 214 BUILDING (34-050073) 405156.05N/0741714.38W (12.68) | | | |
| 209 BUILDING (34-050039) 405157.71N/0741713.96W (12.44) | | | | 209 BUILDING (34-050046) 405157.20N/0741712.82W (12.40) | | | |
| 209 BUILDING (34-050042) 405157.68N/0741713.98W (12.34) | | | | 198 BUILDING (34-020510) 405202.20N/0741714.75W (12.18) | | | |
| 221 TREE (34-048810) 405154.00N/0741716.47W (12.04) | | | | 213 BUILDING (34-050072) 405156.12N/0741714.53W (11.69) | | | |
| 213 BUILDING (34-050075) 405155.92N/0741714.09W (11.67) | | | | 226 TREE (34-055326) 405152.68N/0741718.44W (11.42) | | | |
| 208 BUILDING (34-050047) 405157.17N/0741712.75W (11.40) | | | | 296 TREE (34-048828) 405130.44N/0741729.61W (11.39) | | | |
| 208 BUILDING (34-050157) 405157.10N/0741712.59W (11.39) | | | | 204 POLE (34-024383) 405159.99N/0741715.85W (11.23) | | | |
| 211 TREE (34-048953) 405158.44N/0741718.54W (11.22) | | | | 212 BUILDING (34-050071) 405156.20N/0741714.70W (10.71) | | | |
| 212 TREE (34-050066) 405156.85N/0741716.21W (10.71) | | | | 207 BUILDING (34-055067) 405158.21N/0741714.92W (10.67) | | | |
| 304 TREE (34-049217) 405132.85N/0741743.23W (10.43) | | | | 207 BUILDING (34-050049) 405157.15N/0741712.70W (10.40) | | | |
| 274 FENCE (34-024325) 405136.62N/0741725.62W (9.84) | | | | 206 BUILDING (34-049923) 405158.92N/0741716.49W (9.75) | | | |



| <u>AIRPORT</u> ESSEX COUNTY | | <u>AIRPORT ID</u> KCDW | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 4 | <u>AMDT NO.</u> ORIG-C | <u>CITY</u> CALDWELL | <u>STATE</u> NJ | <u>AIRPORT ELEVATION</u> 172 | <u>FACILITY</u> RNAV |
|--|--|---------------------------|---|---------------------------|--|--------------------|---------------------------------|-------------------------|
| 211 BUILDING (34-050184) 405155.86N/0741713.96W (9.65) | | | | | 192 TREE (34-038260) 405202.96N/0741713.46W (9.59) | | | |
| 207 BUILDING (34-049398) 405159.14N/0741718.06W (9.57) | | | | | 207 BUILDING (34-055069) 405157.86N/0741715.20W (9.45) | | | |
| 208 BUILDING (34-048775) 405158.01N/0741716.59W (9.28) | | | | | 202 POLE (34-024384) 405200.00N/0741715.87W (9.24) | | | |
| 193 POLE (34-048788) 405202.70N/0741714.22W (9.07) | | | | | 284 TREE (34-049949) 405138.00N/0741738.52W (9.01) | | | |
| 250 TERRAIN (34-050615) 405142.68N/0741718.93W (9.00) | | | | | 205 TREE (34-050756) 405159.52N/0741717.68W (8.97) | | | |
| 205 BUILDING (34-024518) 405159.49N/0741717.79W (8.77) | | | | | 205 BUILDING (34-055325) 405159.09N/0741716.88W (8.75) | | | |
| 203 TREE (34-049499) 405159.01N/0741715.02W (8.62) | | | | | 208 TREE (34-050627) 405156.98N/0741715.10W (8.28) | | | |
| 214 TREE (34-050647) 405156.15N/0741718.64W (8.18) | | | | | 201 POLE (34-024385) 405159.17N/0741714.13W (8.03) | | | |
| 273 BUILDING (34-050177) 405137.47N/0741728.33W (8.02) | | | | | 209 BUILDING (34-050185) 405155.81N/0741713.83W (7.67) | | | |
| 206 BUILDING (34-049605) 405158.79N/0741718.33W (7.36) | | | | | 206 BUILDING (34-048776) 405157.88N/0741716.28W (7.29) | | | |
| 274 FENCE (34-024326) 405135.43N/0741725.22W (7.21) | | | | | 271 BUILDING (34-050920) 405137.43N/0741727.24W (7.13) | | | |
| 206 POLE (34-024397) 405157.15N/0741715.06W (6.77) | | | | | 208 BUILDING (34-050069) 405156.34N/0741715.03W (6.70) | | | |
| 208 BUILDING (34-058257) 405156.28N/0741714.90W (6.69) | | | | | 208 BUILDING (34-050186) 405155.78N/0741713.76W (6.67) | | | |
| 208 BUILDING (34-058252) 405155.73N/0741713.66W (6.65) | | | | | 271 BUILDING (34-024541) 405137.79N/0741728.73W (6.40) | | | |
| 205 BUILDING (34-049606) 405158.60N/0741717.92W (6.33) | | | | | 205 BUILDING (34-048774) 405158.12N/0741716.83W (6.30) | | | |
| 201 TREE (34-050598) 405157.65N/0741712.16W (6.30) | | | | | 301 TREE (34-057587) 405132.98N/0741744.55W (6.29) | | | |
| 205 BUILDING (34-048780) 405157.50N/0741715.47W (6.21) | | | | | 249 TERRAIN (34-050063) 405142.50N/0741720.21W (6.10) | | | |
| 284 TREE (34-049257) 405134.03N/0741732.02W (6.00) | | | | | 271 BUILDING (34-050301) 405136.95N/0741727.43W (5.68) | | | |
| 290 TREE (34-048823) 405132.38N/0741734.20W (5.29) | | | | | 271 BUILDING (34-024542) 405137.85N/0741729.90W (5.25) | | | |
| 224 POLE (34-024420) 405150.13N/0741716.31W (5.20) | | | | | 196 BUILDING (34-050364) 405200.66N/0741715.83W (4.99) | | | |
| 198 POLE (34-024386) 405158.52N/0741712.70W (4.95) | | | | | 271 BUILDING (34-049615) 405137.31N/0741728.93W (4.93) | | | |
| 270 BUILDING (34-056384) 405137.52N/0741728.83W (4.59) | | | | | 220 POLE (34-024414) 405152.68N/0741719.51W (4.23) | | | |
| 192 POLE (34-024378) 405201.35N/0741714.69W (4.05) | | | | | 255 TERRAIN (34-049156) 405140.58N/0741723.04W (3.97) | | | |
| 217 POLE (34-024410) 405153.59N/0741719.20W (3.93) | | | | | 269 BUILDING (34-050180) 405137.87N/0741729.45W (3.80) | | | |
| 286 TREE (34-048633) 405130.13N/0741726.75W (3.79) | | | | | 216 POLE (34-024409) 405153.56N/0741718.37W (3.78) | | | |
| 293 TREE (34-049028) 405128.31N/0741729.23W (3.31) | | | | | 221 POLE (34-024418) 405150.99N/0741717.34W (3.28) | | | |
| 220 POLE (34-051097) 405151.80N/0741718.41W (3.18) | | | | | 218 POLE (34-024413) 405153.51N/0741720.59W (3.17) | | | |
| 220 POLE (34-024417) 405151.70N/0741718.27W (3.08) | | | | | 288 TREE (34-048825) 405134.46N/0741739.25W (3.04) | | | |
| 257 TERRAIN (34-049493) 405139.55N/0741723.29W (3.03) | | | | | 191 POLE (34-024379) 405201.35N/0741714.71W (3.03) | | | |
| 197 POLE (34-024388) 405158.84N/0741714.40W (2.88) | | | | | 195 TREE (34-058408) 405200.13N/0741715.67W (2.80) | | | |



| <u>AIRPORT</u> | | <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> |
|--|--|-------------------|-----------------------|-----------------|--|--------------|--------------------------|-----------------|
| ESSEX COUNTY | | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 219 POLE (34-024416) 405151.39N/0741717.02W (2.67) | | | | | 269 BUILDING (34-049792) 405137.82N/0741730.74W (2.23) | | | |
| 261 TREE (34-057103) 405141.48N/0741732.29W (1.98) | | | | | 192 POLE (34-024380) 405200.67N/0741715.25W (1.66) | | | |
| 215 POLE (34-024411) 405154.69N/0741722.11W (1.53) | | | | | 192 BUILDING (34-024438) 405158.93N/0741711.35W (1.51) | | | |
| 266 BUILDING (34-056639) 405138.08N/0741729.46W (1.34) | | | | | 267 BUILDING (34-050305) 405137.66N/0741729.43W (1.28) | | | |
| 220 POLE (34-024419) 405151.96N/0741720.49W (1.27) | | | | | 287 TREE (34-049675) 405132.30N/0741735.55W (0.58) | | | |
| Final Type | | LP | | | | | | |
| 20:1 | | | | | | | | |
| 240 TREE (34-057875) 405201.25N/0741709.34W (50.46) | | | | | 343 TREE (34-050099) 405140.04N/0741720.40W (39.15) | | | |
| 333 TREE (34-049443) 405141.21N/0741720.57W (33.97) | | | | | 293 TREE (34-049937) 405151.92N/0741724.59W (33.47) | | | |
| 227 TREE (34-020503) 405200.50N/0741709.73W (33.42) | | | | | 332 TREE (34-020519) 405141.77N/0741721.82W (33.06) | | | |
| 308 TREE (34-049149) 405147.08N/0741722.22W (31.67) | | | | | 307 TREE (34-020521) 405147.33N/0741722.33W (31.56) | | | |
| 308 TREE (34-049310) 405146.65N/0741722.93W (28.43) | | | | | 285 TREE (34-049803) 405152.33N/0741724.87W (26.74) | | | |
| 311 TREE (34-048896) 405145.22N/0741722.14W (26.64) | | | | | 290 TREE (34-050972) 405149.33N/0741720.98W (25.92) | | | |
| 304 TREE (34-049301) 405147.29N/0741724.01W (25.20) | | | | | 292 TREE (34-049124) 405146.99N/0741717.92W (23.43) | | | |
| 295 TREE (34-049843) 405148.35N/0741723.70W (21.45) | | | | | 284 TREE (34-048585) 405148.30N/0741719.07W (19.01) | | | |
| 263 TREE (34-058258) 405151.69N/0741716.25W (18.28) | | | | | 292 TREE (34-048998) 405147.37N/0741721.88W (17.59) | | | |
| 273 TREE (34-050488) 405151.90N/0741723.56W (15.33) | | | | | 208 TREE (34-050513) 405202.27N/0741713.84W (14.40) | | | |
| 215 TREE (34-049144) 405200.96N/0741714.92W (13.59) | | | | | 262 TREE (34-020527) 405151.63N/0741718.86W (12.06) | | | |
| 209 TREE (34-050081) 405201.65N/0741714.41W (11.59) | | | | | 242 TREE (34-020528) 405154.12N/0741715.18W (10.00) | | | |
| 209 TREE (34-057881) 405159.57N/0741710.71W (9.46) | | | | | 303 TREE (34-050059) 405145.32N/0741727.27W (9.34) | | | |
| 251 TREE (34-050995) 405151.46N/0741714.94W (7.75) | | | | | 327 TREE (34-049187) 405137.40N/0741722.98W (6.64) | | | |
| 311 TREE (34-050097) 405141.35N/0741723.96W (6.16) | | | | | 267 TREE (34-049098) 405150.29N/0741721.81W (5.57) | | | |
| 219 BUILDING (34-020516) 405157.42N/0741713.45W (4.80) | | | | | 212 POLE (34-050669) 405158.14N/0741711.44W (4.79) | | | |
| 278 TREE (34-049842) 405149.20N/0741725.61W (4.56) | | | | | 230 TREE (34-049625) 405157.42N/0741719.53W (4.27) | | | |
| 199 BUILDING (34-049958) 405202.34N/0741715.11W (3.30) | | | | | 217 BUILDING (34-050045) 405157.36N/0741713.28W (2.86) | | | |
| 198 BUILDING (34-020510) 405202.20N/0741714.75W (2.37) | | | | | 192 TREE (34-038260) 405202.96N/0741713.46W (2.16) | | | |
| 210 POLE (34-024387) 405158.09N/0741711.76W (1.96) | | | | | 337 TREE (34-049802) 405137.94N/0741731.97W (1.95) | | | |
| 261 TREE (34-049938) 405151.09N/0741722.75W (1.31) | | | | | 211 TREE (34-049327) 405159.57N/0741716.27W (0.91) | | | |
| 193 POLE (34-048788) 405202.70N/0741714.22W (0.57) | | | | | 211 POLE (34-024389) 405157.57N/0741712.03W (0.16) | | | |
| 328 TREE (34-050772) 405138.42N/0741729.30W (0.13) | | | | | | | | |

QUALITY
19
CHECKED



| <u>AIRPORT</u> | | <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> |
|---|----|-------------------|-----------------------|---|-------------|--------------|--------------------------|-----------------|
| ESSEX COUNTY | | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| Final Type | LP | | | | | | | |
| 34:1 | | | | | | | | |
| 304 TREE (34-049301) 405147.29N/0741724.01W (69.26) | | | | 337 TREE (34-049802) 405137.94N/0741731.97W (69.17) | | | | |
| 327 TREE (34-049187) 405137.40N/0741722.98W (67.81) | | | | 328 TREE (34-050772) 405138.42N/0741729.30W (64.39) | | | | |
| 332 TREE (34-048957) 405137.14N/0741730.29W (63.98) | | | | 290 TREE (34-050972) 405149.33N/0741720.98W (63.92) | | | | |
| 295 TREE (34-049843) 405148.35N/0741723.70W (63.35) | | | | 292 TREE (34-049124) 405146.99N/0741717.92W (63.28) | | | | |
| 285 TREE (34-049803) 405152.33N/0741724.87W (62.34) | | | | 329 TREE (34-048956) 405135.33N/0741725.34W (61.82) | | | | |
| 311 TREE (34-050097) 405141.35N/0741723.96W (60.94) | | | | 292 TREE (34-048998) 405147.37N/0741721.88W (59.84) | | | | |
| 303 TREE (34-050059) 405145.32N/0741727.27W (59.52) | | | | 327 TREE (34-056382) 405136.31N/0741728.88W (58.40) | | | | |
| 314 TREE (34-048867) 405138.33N/0741722.21W (58.08) | | | | 240 TREE (34-057875) 405201.25N/0741709.34W (57.76) | | | | |
| 284 TREE (34-048585) 405148.30N/0741719.07W (57.38) | | | | 321 TREE (34-050923) 405137.39N/0741727.38W (56.87) | | | | |
| 330 TREE (34-049639) 405134.16N/0741728.96W (55.75) | | | | 322 TREE (34-048955) 405135.76N/0741726.57W (54.56) | | | | |
| 317 TREE (34-050921) 405138.68N/0741730.63W (52.58) | | | | 273 TREE (34-050488) 405151.90N/0741723.56W (50.69) | | | | |
| 318 TREE (34-049082) 405134.44N/0741723.40W (50.68) | | | | 321 TREE (34-050951) 405135.20N/0741727.92W (50.60) | | | | |
| 311 TREE (34-049065) 405137.40N/0741724.73W (49.86) | | | | 292 TREE (34-056377) 405144.95N/0741725.91W (49.08) | | | | |
| 313 TREE (34-050300) 405135.50N/0741723.13W (48.72) | | | | 298 TREE (34-049975) 405144.81N/0741731.28W (48.72) | | | | |
| 263 TREE (34-058258) 405151.69N/0741716.25W (48.31) | | | | 312 TREE (34-050924) 405136.73N/0741725.83W (47.89) | | | | |
| 289 TREE (34-056641) 405146.34N/0741727.62W (47.77) | | | | 278 TREE (34-049842) 405149.20N/0741725.61W (46.41) | | | | |
| 316 TREE (34-050954) 405133.98N/0741724.57W (46.18) | | | | 315 TREE (34-050790) 405137.12N/0741732.10W (44.90) | | | | |
| 318 TREE (34-049818) 405132.85N/0741725.25W (44.50) | | | | 262 TREE (34-020527) 405151.63N/0741718.86W (44.24) | | | | |
| 294 TREE (34-056905) 405143.92N/0741730.10W (43.74) | | | | 293 TREE (34-050091) 405143.16N/0741727.98W (43.14) | | | | |
| 267 TREE (34-049098) 405150.29N/0741721.81W (42.48) | | | | 227 TREE (34-020503) 405200.50N/0741709.73W (42.39) | | | | |
| 275 TREE (34-049173) 405148.10N/0741725.54W (40.64) | | | | 261 TREE (34-049938) 405151.09N/0741722.75W (37.50) | | | | |
| 251 TREE (34-050995) 405151.46N/0741714.94W (37.17) | | | | 313 TREE (34-055619) 405131.96N/0741725.94W (36.43) | | | | |
| 280 TREE (34-049411) 405144.02N/0741725.36W (35.29) | | | | 242 TREE (34-020528) 405154.12N/0741715.18W (34.79) | | | | |
| 300 TREE (34-050179) 405139.08N/0741732.30W (34.75) | | | | 284 TREE (34-049980) 405142.38N/0741726.06W (34.26) | | | | |
| 284 TREE (34-049159) 405144.64N/0741732.84W (32.54) | | | | 261 TREE (34-049134) 405150.30N/0741726.77W (30.97) | | | | |
| 272 TREE (34-050470) 405147.27N/0741729.78W (30.76) | | | | 308 TREE (34-049254) 405133.55N/0741730.52W (30.43) | | | | |
| 296 TREE (34-049790) 405139.19N/0741733.83W (29.33) | | | | 248 TREE (34-049224) 405150.47N/0741717.37W (28.90) | | | | |
| 317 TREE (34-057441) 405134.51N/0741742.41W (28.64) | | | | 273 TREE (34-055878) 405143.28N/0741723.69W (28.23) | | | | |

QUALITY
19
CHECKED



| <u>AIRPORT</u> | | <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> |
|---|--|-------------------|-----------------------|-----------------|---|--------------|--------------------------|-----------------|
| ESSEX COUNTY | | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 302 TREE (34-049822) 405133.66N/0741727.82W (27.73) | | | | | 230 TREE (34-049625) 405157.42N/0741719.53W (26.47) | | | |
| 236 TREE (34-048987) 405155.19N/0741719.98W (26.20) | | | | | 215 TREE (34-049144) 405200.96N/0741714.92W (25.78) | | | |
| 310 TREE (34-048824) 405135.72N/0741741.59W (25.69) | | | | | 311 TREE (34-049477) 405133.40N/0741737.38W (25.38) | | | |
| 241 TREE (34-049709) 405153.57N/0741721.56W (25.24) | | | | | 300 TREE (34-048981) 405135.64N/0741734.21W (23.72) | | | |
| 208 TREE (34-050513) 405202.27N/0741713.84W (23.38) | | | | | 292 TREE (34-049087) 405135.89N/0741728.28W (22.98) | | | |
| 219 BUILDING (34-020516) 405157.42N/0741713.45W (22.26) | | | | | 209 TREE (34-050081) 405201.65N/0741714.41W (22.14) | | | |
| 307 TREE (34-049673) 405130.60N/0741730.91W (21.36) | | | | | 209 TREE (34-057881) 405159.57N/0741710.71W (20.88) | | | |
| 238 TREE (34-055332) 405151.92N/0741719.46W (20.32) | | | | | 217 BUILDING (34-050045) 405157.36N/0741713.28W (20.30) | | | |
| 296 TREE (34-048979) 405135.18N/0741732.97W (19.91) | | | | | 299 TREE (34-048594) 405131.35N/0741727.06W (19.60) | | | |
| 258 TREE (34-048755) 405148.39N/0741729.87W (19.56) | | | | | 212 POLE (34-050669) 405158.14N/0741711.44W (19.37) | | | |
| 223 TREE (34-048794) 405154.81N/0741713.77W (19.15) | | | | | 293 TREE (34-049826) 405135.02N/0741731.65W (17.97) | | | |
| 297 TREE (34-056383) 405132.64N/0741729.96W (17.70) | | | | | 266 BUILDING (34-024539) 405141.44N/0741722.85W (17.41) | | | |
| 216 POLE (34-024396) 405156.22N/0741712.66W (17.04) | | | | | 210 POLE (34-024387) 405158.09N/0741711.76W (16.88) | | | |
| 211 TREE (34-049327) 405159.57N/0741716.27W (16.68) | | | | | 211 POLE (34-024389) 405157.57N/0741712.03W (16.24) | | | |
| 303 TREE (34-049684) 405134.28N/0741740.50W (16.18) | | | | | 306 TREE (34-048884) 405133.62N/0741741.80W (16.02) | | | |
| 212 BUILDING (34-049925) 405158.70N/0741716.01W (15.72) | | | | | 307 TREE (34-049341) 405133.95N/0741744.06W (15.35) | | | |
| 264 BUILDING (34-049976) 405141.42N/0741723.09W (15.09) | | | | | 216 BUILDING (34-049433) 405155.10N/0741712.71W (14.08) | | | |
| 209 TREE (34-050595) 405159.40N/0741716.61W (13.86) | | | | | 262 BUILDING (34-055616) 405141.60N/0741722.89W (13.78) | | | |
| 290 TREE (34-048982) 405136.68N/0741736.60W (13.74) | | | | | 262 BUILDING (34-049452) 405141.44N/0741722.57W (13.72) | | | |
| 199 BUILDING (34-049958) 405202.34N/0741715.11W (13.14) | | | | | 262 BUILDING (34-055615) 405141.25N/0741722.74W (13.04) | | | |
| 209 TREE (34-050910) 405158.30N/0741714.95W (12.86) | | | | | 206 POLE (34-050670) 405200.58N/0741717.64W (12.76) | | | |
| 214 BUILDING (34-050074) 405155.99N/0741714.24W (12.68) | | | | | 214 BUILDING (34-050073) 405156.05N/0741714.38W (12.68) | | | |
| 209 BUILDING (34-050039) 405157.71N/0741713.96W (12.44) | | | | | 209 BUILDING (34-050046) 405157.20N/0741712.82W (12.40) | | | |
| 209 BUILDING (34-050042) 405157.68N/0741713.98W (12.34) | | | | | 198 BUILDING (34-020510) 405202.20N/0741714.75W (12.18) | | | |
| 221 TREE (34-048810) 405154.00N/0741716.47W (12.04) | | | | | 213 BUILDING (34-050072) 405156.12N/0741714.53W (11.69) | | | |
| 213 BUILDING (34-050075) 405155.92N/0741714.09W (11.67) | | | | | 226 TREE (34-055326) 405152.68N/0741718.44W (11.42) | | | |
| 208 BUILDING (34-050047) 405157.17N/0741712.75W (11.40) | | | | | 296 TREE (34-048828) 405130.44N/0741729.61W (11.39) | | | |
| 208 BUILDING (34-050157) 405157.10N/0741712.59W (11.39) | | | | | 204 POLE (34-024383) 405159.99N/0741715.85W (11.23) | | | |
| 211 TREE (34-048953) 405158.44N/0741718.54W (11.22) | | | | | 212 BUILDING (34-050071) 405156.20N/0741714.70W (10.71) | | | |
| 212 TREE (34-050066) 405156.85N/0741716.21W (10.71) | | | | | 207 BUILDING (34-055067) 405158.21N/0741714.92W (10.67) | | | |



| <u>AIRPORT</u> | | <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> |
|--|--|-------------------|-----------------------|-----------------|---|--------------|--------------------------|-----------------|
| ESSEX COUNTY | | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 304 TREE (34-049217) 405132.85N/0741743.23W (10.43) | | | | | 207 BUILDING (34-050049) 405157.15N/0741712.70W (10.40) | | | |
| 274 FENCE (34-024325) 405136.62N/0741725.62W (9.84) | | | | | 206 BUILDING (34-049923) 405158.92N/0741716.49W (9.75) | | | |
| 211 BUILDING (34-050184) 405155.86N/0741713.96W (9.65) | | | | | 192 TREE (34-038260) 405202.96N/0741713.46W (9.59) | | | |
| 207 BUILDING (34-049398) 405159.14N/0741718.06W (9.57) | | | | | 207 BUILDING (34-055069) 405157.86N/0741715.20W (9.45) | | | |
| 208 BUILDING (34-048775) 405158.01N/0741716.59W (9.28) | | | | | 202 POLE (34-024384) 405200.00N/0741715.87W (9.24) | | | |
| 193 POLE (34-048788) 405202.70N/0741714.22W (9.07) | | | | | 284 TREE (34-049949) 405138.00N/0741738.52W (9.01) | | | |
| 250 TERRAIN (34-050615) 405142.68N/0741718.93W (9.00) | | | | | 205 TREE (34-050756) 405159.52N/0741717.68W (8.97) | | | |
| 205 BUILDING (34-024518) 405159.49N/0741717.79W (8.77) | | | | | 205 BUILDING (34-055325) 405159.09N/0741716.88W (8.75) | | | |
| 203 TREE (34-049499) 405159.01N/0741715.02W (8.62) | | | | | 208 TREE (34-050627) 405156.98N/0741715.10W (8.28) | | | |
| 214 TREE (34-050647) 405156.15N/0741718.64W (8.18) | | | | | 201 POLE (34-024385) 405159.17N/0741714.13W (8.03) | | | |
| 273 BUILDING (34-050177) 405137.47N/0741728.33W (8.02) | | | | | 209 BUILDING (34-050185) 405155.81N/0741713.83W (7.67) | | | |
| 206 BUILDING (34-049605) 405158.79N/0741718.33W (7.36) | | | | | 206 BUILDING (34-048776) 405157.88N/0741716.28W (7.29) | | | |
| 274 FENCE (34-024326) 405135.43N/0741725.22W (7.21) | | | | | 271 BUILDING (34-050920) 405137.43N/0741727.24W (7.13) | | | |
| 206 POLE (34-024397) 405157.15N/0741715.06W (6.77) | | | | | 208 BUILDING (34-050069) 405156.34N/0741715.03W (6.70) | | | |
| 208 BUILDING (34-058257) 405156.28N/0741714.90W (6.69) | | | | | 208 BUILDING (34-050186) 405155.78N/0741713.76W (6.67) | | | |
| 208 BUILDING (34-058252) 405155.73N/0741713.66W (6.65) | | | | | 271 BUILDING (34-024541) 405137.79N/0741728.73W (6.40) | | | |
| 205 BUILDING (34-049606) 405158.60N/0741717.92W (6.33) | | | | | 205 BUILDING (34-048774) 405158.12N/0741716.83W (6.30) | | | |
| 201 TREE (34-050598) 405157.65N/0741712.16W (6.30) | | | | | 301 TREE (34-057587) 405132.98N/0741744.55W (6.29) | | | |
| 205 BUILDING (34-048780) 405157.50N/0741715.47W (6.21) | | | | | 249 TERRAIN (34-050063) 405142.50N/0741720.21W (6.10) | | | |
| 284 TREE (34-049257) 405134.03N/0741732.02W (6.00) | | | | | 271 BUILDING (34-050301) 405136.95N/0741727.43W (5.68) | | | |
| 290 TREE (34-048823) 405132.38N/0741734.20W (5.29) | | | | | 271 BUILDING (34-024542) 405137.85N/0741729.90W (5.25) | | | |
| 224 POLE (34-024420) 405150.13N/0741716.31W (5.20) | | | | | 196 BUILDING (34-050364) 405200.66N/0741715.83W (4.99) | | | |
| 198 POLE (34-024386) 405158.52N/0741712.70W (4.95) | | | | | 271 BUILDING (34-049615) 405137.31N/0741728.93W (4.93) | | | |
| 270 BUILDING (34-056384) 405137.52N/0741728.83W (4.59) | | | | | 220 POLE (34-024414) 405152.68N/0741719.51W (4.23) | | | |
| 192 POLE (34-024378) 405201.35N/0741714.69W (4.05) | | | | | 255 TERRAIN (34-049156) 405140.58N/0741723.04W (3.97) | | | |
| 217 POLE (34-024410) 405153.59N/0741719.20W (3.93) | | | | | 269 BUILDING (34-050180) 405137.87N/0741729.45W (3.80) | | | |
| 286 TREE (34-048633) 405130.13N/0741726.75W (3.79) | | | | | 216 POLE (34-024409) 405153.56N/0741718.37W (3.78) | | | |
| 293 TREE (34-049028) 405128.31N/0741729.23W (3.31) | | | | | 221 POLE (34-024418) 405150.99N/0741717.34W (3.28) | | | |
| 220 POLE (34-051097) 405151.80N/0741718.41W (3.18) | | | | | 218 POLE (34-024413) 405153.51N/0741720.59W (3.17) | | | |
| 220 POLE (34-024417) 405151.70N/0741718.27W (3.08) | | | | | 288 TREE (34-048825) 405134.46N/0741739.25W (3.04) | | | |



| <u>AIRPORT</u> | <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> |
|--|-------------------|-----------------------|-----------------|--|--------------|--------------------------|-----------------|
| ESSEX COUNTY | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |
| 257 TERRAIN (34-049493) 405139.55N/0741723.29W (3.03) | | | | 191 POLE (34-024379) 405201.35N/0741714.71W (3.03) | | | |
| 197 POLE (34-024388) 405158.84N/0741714.40W (2.88) | | | | 195 TREE (34-058408) 405200.13N/0741715.67W (2.80) | | | |
| 219 POLE (34-024416) 405151.39N/0741717.02W (2.67) | | | | 269 BUILDING (34-049792) 405137.82N/0741730.74W (2.23) | | | |
| 261 TREE (34-057103) 405141.48N/0741732.29W (1.98) | | | | 192 POLE (34-024380) 405200.67N/0741715.25W (1.66) | | | |
| 215 POLE (34-024411) 405154.69N/0741722.11W (1.53) | | | | 192 BUILDING (34-024438) 405158.93N/0741711.35W (1.51) | | | |
| 266 BUILDING (34-056639) 405138.08N/0741729.46W (1.34) | | | | 267 BUILDING (34-050305) 405137.66N/0741729.43W (1.28) | | | |
| 220 POLE (34-024419) 405151.96N/0741720.49W (1.27) | | | | 287 TREE (34-049675) 405132.30N/0741735.55W (0.58) | | | |

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PART C: GENERAL REMARKS:
VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NOT DEVELOPED PER FPO.

100' AVERAGE VEGETATION HEIGHT.

FPT NOTIFIED OF VISUAL SURFACE PENETRATIONS.

3.00/45 USED FOR IPDS PROCEDURE BUILD.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, LNAV CAT C AND D VISIBILITY 1/8 MILE, AND CIRCLING CAT A AND C VISIBILITY 1/4 MILE.

434 TREE (34-057436) 405025.80N/0741725.36W (2C) LOCATED 289.68 FT INTO SECONDARY.

NO ADDITIONAL AIRSPACE REQUIRED.

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 | 3.93 |
| WIDTH OF | FINAL | SEGMENT AT 1000FT POINT | 1.20 |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1000FT POINT | 29.57 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 459 |
| DISTANCE FROM | THLD | TO 1500FT POINT | 5.60 |
| WIDTH OF | FINAL | SEGMENT AT 1500FT POINT | 2.13 |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1500FT POINT | 29.57 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 459 |

THRESHOLD
COORDINATES
(IF STR-IN) 405207.15N/0741708.41W

ARP COORDINATES 405230.80N/0741652.90W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 4 DISTANCE 0.50 NM

FAF
COORDINATES 404714.79N/0742046.97W

FIX NAME
COORDINATES

REMARKS
THLD DISPLACED 375FT, ACTUAL COORDINATES: 405203.94N/0741710.82W.



| <u>AIRPORT</u> | <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> |
|----------------|-------------------|-----------------------|-----------------|-------------|--------------|--------------------------|-----------------|
| ESSEX COUNTY | KCDW | RNAV (GPS) RWY 4 | ORIG-C | CALDWELL | NJ | 172 | RNAV |

PART E: PREPARED BY

NAME

LONNIE EVERHART (BARBARA GORMAN)

OFFICE

AJV-5400

DATE

04/17/2018

TITLE

AERONAUTICAL INFORMATION SPECIALIST

