

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
CALDWELL, NJ	ESSEX COUNTY	8 NOVEMBER 2018	2A

TAKEOFF MINIMUMS:

RWY 10: NA - OBSTACLES.

RWYS 4, 28: STANDARD.

RWY 22: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 655 FT PER NM TO 400.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4: CLIMB HEADING 042.62 TO 1000 BEFORE TURNING RIGHT.

RWY 22: CLIMB HEADING 222.61 TO 900 BEFORE TURNING LEFT.

RWY 28: CLIMB HEADING 276.15 TO 1100 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 04: SIGN 18 FT FROM DER, 150 FT RIGHT OF CENTERLINE, 3 FT AGL/173 FT MSL.

TREE 20 FT FROM DER, 310 FT LEFT OF CENTERLINE, 257 FT MSL.

TREES, FENCE BEGINNING 21 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/268 FT MSL.

TREES BEGINNING 324 FT FROM DER, 322 FT LEFT OF CENTERLINE, UP TO 272 FT MSL.

TREES, POLE, BUILDINGS BEGINNING 385 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 110 FT AGL/277 FT MSL.

TREES BEGINNING 3620 FT FROM DER, 527 FT RIGHT OF CENTERLINE, UP TO 280 FT MSL.

NOTE: RWY 22: TREES, POLES, VEGETATION, BUILDINGS, NAVAID, FENCE, VEHICLE ON ROAD BEGINNING 1 FT FROM DER, ON CENTERLINE, UP TO 96 FT AGL/263 FT MSL.

TREES, BUILDINGS, POLES BEGINNING 952 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 269 FT MSL.

TREES, BUILDINGS, POLES BEGINNING 1101 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 270 FT MSL.

TREES, POLES, BUILDINGS BEGINNING 1464 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 273 FT MSL.

TREES BEGINNING 1535 FT FROM DER, 249 FT RIGHT OF CENTERLINE, UP TO 284 FT MSL.

TREES, BUILDINGS BEGINNING 1554 FT FROM DER, 358 FT RIGHT OF CENTERLINE, UP TO 285 FT MSL.

TREES, BUILDINGS, VEHICLE ON ROAD, TERRAIN BEGINNING 1580 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 293 FT MSL.

TREES BEGINNING 1787 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 295 FT MSL.

TREES, TERRAIN, BUILDINGS BEGINNING 1860 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/324 FT MSL.

TREES, TRAVERSE WAY, TERRAIN, BUILDINGS, POLES, FENCE, TOWER BEGINNING 2216 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/343 FT MSL.

NOTE: RWY 28: BUILDING 28 FT FROM DER, 475 FT LEFT OF CENTERLINE, 196 FT MSL.

TREES BEGINNING 51 FT FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/214 FT MSL.

TREES, BUILDINGS, TRAVERSE WAY, POLES BEGINNING 116 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/237 FT MSL.

TREE 357 FT FROM DER, 156 FT RIGHT OF CENTERLINE, 25 FT AGL/193 FT MSL.

TREES, BUILDINGS, TRAVERSE WAY, POLES BEGINNING 363 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 240 FT MSL.

TREES, POLES BEGINNING 533 FT FROM DER, 170 FT LEFT OF CENTERLINE, UP TO 241 FT MSL.

TREES, VEHICLE ON ROAD, BUILDINGS, POLES BEGINNING 592 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 242 FT MSL.

TREES, BUILDINGS, POLES BEGINNING 921 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/255 FT MSL.

TREES BEGINNING 1790 FT FROM DER, 201 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/249 FT MSL.

TREES BEGINNING 2287 FT FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 259 FT MSL.

TREES BEGINNING 2515 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/252 FT MSL.

TREES BEGINNING 3062 FT FROM DER, 62 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/259 FT MSL.

TREES BEGINNING 3093 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 264 FT MSL.

TREES BEGINNING 3131 FT FROM DER, 86 FT LEFT OF CENTERLINE, UP TO 260 FT MSL.

TREES BEGINNING 3216 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 265 FT MSL.

TREES BEGINNING 3360 FT FROM DER, 86 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/267 FT MSL.



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CITY, STATE
CALDWELL, NJ

AIRPORT
ESSEX COUNTY

EFFECTIVE DATE **AMDT NO**
8 NOVEMBER 2018 2A

CONTROLLING OBSTACLES:

RWY 22: 324 FEET MSL TREE, 405144.52N/0741714.83W (CLIMB GRADIENT), 343 FEET MSL TREE 405141.68N/0741717.63W (CLIMB-TO ALTITUDE, CEILING), 328 FEET MSL POLE 405102.69N/0741732.02W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 4: 1049 FEET MSL TOWER 405153.00N/0741202.00W.

RWY 22: 790 FEET MSL TREE 405023.37N/0741522.12W.

RWY 28: 1139 FEET MSL AAO 405509.09N/ 0742422.42W.

REMARKS:

WAIVER AND APPROVAL LETTER REQUESTED FOR CLIMB GRADIENT EXCEEDING 500 FT PER NM.

FLIGHT INSPECTED BY:

BOB S PRESSLER

Digitally signed by

BEV L BORDY

Sep 12, 2018

OFFICE SYMBOL:

FICO

DATE:

7/18/18

DEVELOPED BY:

LONNIE EVERHART
(NEAL BLOOMQUIST)

Digitally signed by

BEV L BORDY

Sep 12, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

04/20/2018

APPROVED BY:

LONNIE EVERHART

Digitally signed by

BEV L BORDY

Sep 12, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

NYC APP CON, CDW ATCT, AMGR

CHANGES - REASONS:

1. CHANGED RWY 4 CLIMB HEADING FROM 042.59 TO 042.62 - NEW AIRNAV DATA.
2. CHANGED RWY 22 CLIMB HEADING FROM 222.60 TO 222.61 - NEW AIRNAV DATA.
3. UPDATED RWY 22 MINIMUM CLIMB OF 613 FT PER NM TO 500 TO MINIMUM CLIMB OF 655 FT PER NM TO 400 - NEW TARGETS EVALUATION.
4. ADDED RWY 22 CONTROLLING OBSTACLE 324 MSL TREE, 405144.52N/0741714.83W (CLIMB GRADIENT) - NEW TARGETS EVALUATION.
5. CHANGED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT RWY 22 FROM 988 MSL TOWER 404825.00N/0741424.00W TO 790 MSL TREE 405023.37N/ 0741522.12W - NEW TARGETS EVALUATION.
6. ADDED OBSTACLES, ROUTE MANDATING ODP ROUTE DEVELOPMENT, AND TEXTUAL DP FOR RWY 28: RWY 28 1139 AAO 405509.09N/ 0742422.42W - NEW TARGETS EVALUATION, MAP STUDY.
7. UPDATED TAKEOFF OBSTACLE NOTES - NEW SURVEY.
8. CANCELS FDC 7/6024 - AMENDMENT 2A.

