

**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.

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
LEHIGH VALLEY INTL	KABE	ALLENTOWN	PA	8	

TAKEOFF MINIMUMS:

RWY 6, 13, 24, 31 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6, CLIMB ON HEADING 063.26 TO 900 BEFORE TURNING SOUTH.

RWY 13, CLIMBING LEFT TURN ON A HEADING BETWEEN 315 CW TO 100 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 415 FT PER NM TO 1600 FOR HEADINGS 101 THROUGH 314.

RWY 24, CLIMB ON HEADING 243.27 TO 1400 BEFORE TURNING SOUTH.

RWY 31, CLIMB ON HEADING 315.00 TO 1400 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 06

LIGHTING 10 FT FROM DER, 54 FT RIGHT OF CENTERLINE, 2 FT AGL/383 FT MSL.

TERRAIN BEGINNING 23 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 385 FT MSL.

TERRAIN 169 FT FROM DER, 472 FT LEFT OF CENTERLINE, 386 FT MSL.

LIGHTING 174 FT FROM DER, 479 FT LEFT OF CENTERLINE, 3 FT AGL/389 FT MSL.

BUILDING 322 FT FROM DER, 287 FT RIGHT OF CENTERLINE, 19 FT AGL/396 FT MSL.

TRAVERSE WAY 350 FT FROM DER, 509 FT LEFT OF CENTERLINE, 407 FT MSL.

TRAVERSE WAY, FENCE BEGINNING 378 FT FROM DER, 558 FT LEFT OF CENTERLINE, UP TO 409 FT MSL.

TREE 1220 FT FROM DER, 812 FT RIGHT OF CENTERLINE, 427 FT MSL.

TREES, POLE BEGINNING 1242 FT FROM DER, 97 FT LEFT OF CENTERLINE, UP TO 441 FT MSL.

TREES, POLES BEGINNING 1434 FT FROM DER, 110 FT LEFT OF CENTERLINE, UP TO 454 FT MSL.

TREES BEGINNING 1622 FT FROM DER, 152 FT RIGHT OF CENTERLINE, UP TO 429 FT MSL.

TREES, POLE, TRANSMISSION LINE BEGINNING 1666 FT FROM DER, 91 FT RIGHT OF CENTERLINE, UP TO 464 FT MSL.

RWY 13

LIGHTING 10 FT FROM DER, 55 FT RIGHT OF CENTERLINE, 2 FT AGL/381 FT MSL.

POLE, 124 FT FROM DER, 436 FT LEFT OF CENTERLINE, UP TO 387 FT MSL.

POLE, TREE BEGINNING 191 FT FROM DER, 329 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/407 FT MSL.

POLE 766 FT FROM DER, 692 FT RIGHT OF CENTERLINE, 28 FT AGL/408 FT MSL.

TREE 792 FT FROM DER, 632 FT RIGHT OF CENTERLINE, 411 FT MSL.

TREE, POLE BEGINNING 851 FT FROM DER, 408 FT RIGHT OF CENTERLINE, UP TO 413 FT MSL.

TREE 1370 FT FROM DER, 511 FT RIGHT OF CENTERLINE, 415 FT MSL.

TREE 1598 FT FROM DER, 58 FT RIGHT OF CENTERLINE, 429 FT MSL.

TREES BEGINNING 1681 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 431 FT MSL.

TREE 1769 FT FROM DER, 757 FT RIGHT OF CENTERLINE, 435 FT MSL.

TREES BEGINNING 1852 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 437 FT MSL.

TREES BEGINNING 2140 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 441 FT MSL.

RWY 24

SIGN, LIGHTING BEGINNING 4 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/396 FT MSL.

LIGHTING 10 FT FROM DER, 55 FT LEFT OF CENTERLINE, 3 FT AGL/396 FT MSL.

VERTICAL STRUCTURE 931 FT FROM DER, 667 FT RIGHT OF CENTERLINE, 423 FT MSL.

RWY 31

LIGHTING 9 FT FROM DER, 5 FT LEFT OF CENTERLINE, 1 FT AGL/384 FT MSL.

TRAVERSE WAY 31 FT FROM DER, 412 FT RIGHT OF CENTERLINE, 385 FT MSL.

TREES BEGINNING 624 FT FROM DER, 510 FT LEFT OF CENTERLINE, UP TO 414 FT MSL.

TREES BEGINNING 986 FT FROM DER, 715 FT LEFT OF CENTERLINE, UP TO 431 FT MSL.



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CONTROLLING OBSTACLES:

RWY 13: 1174 FT MSL TOWER 403555.00N 0752511.00W

OBSTACLES MANDATING OPD ROUTE DEVELOPMENT:

RWY 6, 24, 31: 1597 FT MSL TOWER 403352.00N 0752623.00W

RWY 13: 1174 FT MSL TOWER 403555.00N 0752511.00W

REMARKS:

FLIGHT INSPECTED BY

OFFICE

DATE

DEVELOPED BY

OFFICE

DATE

ALLAN WILL (JOSEPH BLANCO)

AJV-A423

10/07/2019

APPROVED BY

OFFICE

DATE

TITLE

MARLON ROBINSON

AJV-A420

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZNY, ALLENTOWN APP CON, AMGR

CHANGES - REASONS:

1. ADDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS
2. ADDED DEPARTURE PROCEDURES FOR RUNWAYS 6 AND 31
3. ADDED CONTROLLING OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR ALL RUNWAYS
4. UPDATED DEPARTURE PROCEDURE FOR RUNWAY 13 FROM CLIMB RUNWAY HEADING TO 1600 BEFORE PROCEEDING ON COURSE TO CLIMBING LEFT TURN ON A HEADING BETWEEN 315 CW TO 100 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 415 FT PER NM TO 1600 FOR HEADINGS 101 THROUGH 314.
5. UPDATED DEPARTURE PROCEDURE FOR RUNWAY 24 FROM CLIMB RUNWAY HEADING TO 1600 BEFORE PROCEEDING SOUTHBOUND ON COURSE TO CLIMB ON HEADING 243.27 TO 1400 BEFORE TURNING SOUTH.

QUALITY
24
CHECKED