

**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.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
LEB	LEBANON	NH	4	

TAKEOFF MINIMUMS:

RWY 7: STANDARD WITH MINIMUM CLIMB OF 374 FT/NM TO 2500, OR 2000-3 FOR VCOA.
RWY 18: 500-3 WITH MINIMUM CLIMB OF 410 FT/NM TO 3400 OR STANDARD WITH MINIMUM CLIMB OF 441 FT/NM TO 3200, OR 2000-3 FOR VCOA.
RWY 25: 700-3 WITH MINIMUM CLIMB OF 290 FT/NM TO 4200 OR STANDARD WITH MINIMUM CLIMB OF 378 FT/NM TO 3000, OR 2000-3 FOR VCOA.
RWY 36: STANDARD WITH MINIMUM CLIMB OF 350 FT/NM TO 1900, OR 2000-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 7: CLIMB ON HEADING 075.30 TO 1500 BEFORE PROCEEDING ON COURSE.
RWY 18: CLIMB ON HEADING 183.97 TO 1400 BEFORE PROCEEDING ON COURSE.
RWY 25: CLIMB ON HEADING 255.32 TO 2100 BEFORE PROCEEDING ON COURSE.
RWY 36: CLIMB ON HEADING 003.98 TO 1500 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS LEBANON MUNI AIRPORT AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

RWY 7 LOW, CLOSE-IN OBSTACLES: TREES 1/4 NM FROM DER EXTENDING TO 1/2 NM FROM DER, RIGHT OF CENTERLINE, UP TO 776 FT MSL, 202 FT ABOVE DER. CROSSING DER 72 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 7, TAKEOFF MINIMUMS OBSTACLES: TREES 1.4 NM FROM DER EXTENDING TO 2.2 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 1145 FT MSL, 571 FT ABOVE DER.

RWY 18 LOW, CLOSE-IN OBSTACLES: POLES, TREES, TERRAIN 1/4 NM FROM DER EXTENDING TO 3/4 NM FROM DER, LEFT, RIGHT, AND CROSSING CENTERLINE, UP TO 770 FT MSL, 167 FT ABOVE DER. CROSSING DER 78 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 18, TAKEOFF MINIMUMS OBSTACLES: TREES, TERRAIN, TRANSMISSION LINE TOWERS 1/4 NM FROM DER EXTENDING TO 2.5 NM FROM DER, LEFT, RIGHT, AND CROSSING CENTERLINE, UP TO 1065 FT MSL, 462 FT ABOVE DER.

RWY 25 LOW, CLOSE-IN OBSTACLES: OBSTACLES 35 FT AND BELOW. CROSSING DER 26 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 25, TAKEOFF MINIMUMS OBSTACLES: TREES 1.4 NM FROM DER EXTENDING TO 2.6 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 1240 FT MSL, 677 FT ABOVE DER.

CONTROLLING OBSTACLES:

RWY 7: 1232 FT MSL TREE 433731.04N/0721710.92W (CLIMB-TO ALTITUDE), 2494 FT MSL AAO 434315.00N/0720845.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1513 FT MSL AAO 433939.00N/0721342.00W (CLIMB GRADIENT).

RWY 18: 1323 FT MSL TOWER 433717.19N/0721657.36W (CLIMB-TO ALTITUDE), 781 FT MSL TREE 433621.28N/0721810.97W (CLIMB GRADIENT), 1518 FT MSL TREE 433459.67N/0721527.76W (CLIMB GRADIENT), 983 FT MSL TREE 433435.40N/0721641.29W (VISIBILITY), 1065 FT MSL TREE 433526.06N/0721703.31W (CEILING), 2970 FT MSL AAO 432857.00N/0721309.00W (CLIMB GRADIENT TERMINATION ALTITUDE).

RWY 25: 1023 FT MSL TOWER 433650.67N/0721905.00W (CLIMB-TO ALTITUDE), 1013 FT MSL TREE 433643.42N/0722203.50W (VISIBILITY), 1240 FT MSL TREE 433646.08N/0722152.01W (CLIMB GRADIENT) (CEILING), 3301 FT MSL AAO 432648.00N/0722706.00W (CLIMB GRADIENT), 3337 FT MSL AAO 432639.00N/0722718.00W (CLIMB GRADIENT TERMINATION ALTITUDE).

RWY 36: 1256 FT MSL TOWER 433914.29N/0721742.52W (CLIMB-TO ALTITUDE), 2494 FT MSL AAO 434315.00N/0720845.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1428 FT MSL AAO 434048.00N/0722015.00W (CLIMB GRADIENT).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7: 1232 FT MSL TREE 433731.04N/0721710.92W, RWY 18: 1323 FT MSL TOWER 433717.19N/0721657.36W, RWY 25: 1023 FT MSL TOWER 433650.67N/0721905.00W, RWY 36: 1256 FT MSL TOWER 433914.29N/0721742.52W.

VISUAL CLIMB AREA OBSTACLE: 1608 FT MSL AAO 433439.00N/0721430.00W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 2970 FT MSL AAO 432857.00N/0721309.00W.

REMARKS:

LOWER MINIMUMS EVALUATION COMPLETE FOR 2023-2026. - PER FPT REQUEST.

100 FT VEGETATION HEIGHT USED.

ORDER 8260.3G – ICA USED FOR DESIGN AND EVALUATION.

CLIMB GRADIENT CONTROLLING OBS.

RWY 18: 781 FT MSL TREE 441 FT/NM CLIMB GRADIENT, 1518 FT MSL TREE 410 FT/NM CLIMB GRADIENT.

RWY 25: 3301 FT MSL AAO 290 FT/NM CLIMB GRADIENT, 1240 FT MSL TREE 378 FT/NM CLIMB GRADIENT.

FLIGHT INSPECTED BY

OFFICE

DATE



<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
LEB	LEBANON	NH	4	
<u>DEVELOPED BY</u>	<u>OFFICE</u>		<u>DATE</u>	
LEO PALMER	AJV-A432		04/15/2026	
<u>APPROVED BY</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
APRIL SARMENTO	AJV-A432	09/24/2026	MANAGER	

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER: ZBW, LEB ATCT, ARPT MGR.

CHANGES - REASONS:

CHANGED TAKEOFF MINIMUMS: NEW ICA APPLIED IAW 8260.3G, RE-EVALUTED IAW 8264.46K 2-1-2

- RWY 7: FROM "600-2 3/4 WITH MINIMUM CLIMB OF 385 FEET PER NM TO 3100, OR 2100-3 FOR VCOA." TO "RWY 7: STANDARD WITH MINIMUM CLIMB OF 374 FT/NM TO 2500, OR 2000-3 FOR VCOA."

- RWY 18: FROM "500-2 1/2 WITH MINIMUM CLIMB OF 380 FEET PER NM TO 3800, OR 2100-3 FOR VCOA." TO "500-3 WITH MINIMUM CLIMB OF 410 FT/NM TO 3400 OR STANDARD WITH MINIMUM CLIMB OF 441 FT/NM TO 3200, OR 2000-3 FOR VCOA."

- RWY 25: FROM "700-3 WITH MINIMUM CLIMB OF 380 FEET PER NM TO 3400, OR 2100 -3 FOR VCOA." TO "700-3 WITH MINIMUM CLIMB OF 290 FT/NM TO 4200 OR STANDARD WITH MINIMUM CLIMB OF 378 FT/NM TO 3000, OR 2000-3 FOR VCOA."

- RWY 36: FROM "STANDARD WITH MINIMUM CLIMB OF 365 FEET PER NM TO 1900, OR 2100 - 3 FOR VCOA." TO "RWY 36: STANDARD WITH MINIMUM CLIMB OF 350 FT/NM TO 1900, OR 2000-3 FOR VCOA."

CHANGED TEXTUAL DEPARTURE PROCEDURES:NEW ICA APPLIED IAW 8260.3G, RE-EVALUTED IAW 8264.46K 2-1-2

- RWY 36: FROM "CLIMB ON HEADING 003.98 TO 1900 BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 003.98 TO 1500 BEFORE PROCEEDING ON COURSE."

- RWY 18: FROM "CLIMB ON HEADING 183.97 TO 2100 BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 183.97 TO 1400 BEFORE PROCEEDING ON COURSE."

- RWY 7: FROM "CLIMB ON HEADING 075.30 TO 2100 BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 075.30 TO 1500 BEFORE PROCEEDING ON COURSE."

CHANGED VISUAL CLIMB OVER AIRPORT: TARGETS IDENTIFIED OBST. WITH MITRE 3DEP.

- CTA FROM "AT OR ABOVE 2600 BEFORE PROCEEDING ON COURSE." TO "AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE."

UPDATED TAKEOFF OBSTACLE NOTES: NEW ICA APPLIED IAW 8260.3G, RE-ORGINAIZED AND FORMATTED IAW 8260.46K, INCLUDING VG SURVEYS FROM 2023.

CONTROLLING OBSTACLES: EVALUATED IAW 8260.46K 2-1-2, APPLYING SECONDARY MINIMUMS FOR STANDARD AND CEILING/VIS MINIMUMS.

- RWY 7 FROM: 1134 FT MSL TREE 433924.79N/0721530.26W (CEILING), 962 FT MSL TREE 433941.83N/0721527.75W (VISIBILITY), 1539 FT MSL AAO 433939.00N/0721342.11W (CLIMB GRADIENT), 2471 FT MSL AAO 434315.00N/0720845.00W (CLIMB-TO ALTITUDE)." TO "RWY 7: 1232 FT MSL TREE 433731.04N/0721710.92W (CLIMB-TO ALTITUDE), 2494 FT MSL AAO 434315.00N/0720845.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1513 FT MSL AAO 433939.00N/0721342.00W (CLIMB GRADIENT).

- RWY 18 FROM: 1055 FT MSL TREE 433526.06N/0721703.29W (CEILING), 903 FT MSL TREE 433454.06N/0721826.38W (VISIBILITY), 2871 FT MSL AAO 433008.31N/0721210.55W (CLIMB GRADIENT/CLIMB-TO ALTITUDE)." TO "RWY 18: 1323 FT MSL TOWER 433717.19N/0721657.36W (CLIMB-TO ALTITUDE), 781 FT MSL TREE 433621.28N/0721810.97W (CLIMB GRADIENT), 1518 FT MSL TREE 433459.67N/0721527.76W (CLIMB GRADIENT), 983 FT MSL TREE 433435.40N/0721641.29W (VISIBILITY), 1065 FT MSL TREE 433526.06N/0721703.31W (CEILING), 2970 FT MSL AAO 432857.00N/0721309.00W (CLIMB GRADIENT TERMINATION ALTITUDE)."

- RWY 25 FROM: 1232 FT MSL TREE 433646.09N/0722152.02W (CEILING/CLIMB GRADIENT), 1013 FT MSL TREE 433654.00N/0722209.00 (VISIBILITY), 3304 FT MSL AAO 432645.00N/0722709.00W (CLIMB-TO ALTITUDE)." TO RWY 25: 1023 FT MSL TOWER 433650.67N/0721905.00W (CLIMB-TO ALTITUDE), 1013 FT MSL TREE 433643.42N/0722203.50W (VISIBILITY), 1240 FT MSL TREE 433646.08N/0722152.01W (CLIMB GRADIENT) (CEILING), 3301 FT MSL AAO 432648.00N/0722706.00W (CLIMB GRADIENT), 3337 FT MSL AAO 432639.00N/0722718.00W (CLIMB GRADIENT TERMINATION ALTITUDE)."

- RWY 36 FROM: "1473 FT MSL AAO 434050.92N/0722011.89W." TO "RWY 36: RWY 36: 1256 FT MSL TOWER 433914.29N/0721742.52W (CLIMB-TO ALTITUDE), 2494 FT MSL AAO 434315.00N/0720845.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1428 FT MSL AAO 434048.00N/0722015.00W (CLIMB GRADIENT)."

REMARKS: FOR FUTURE PROCEDURE DEV. CONSIDERATION.

- ADDED "LOWER MINIMUMS EVALUATION COMPLETE FOR 2023-2026. - PER FPT REQUEST.", "100 FT VEGETATION HEIGHT USED."

- ADDED: MULTIPLE CLIMB GRADIENT CONTROLLING OBS. IDENTIFICATION.

RWY 18:781 FT MSL TREE 445 FT/NM CLIMB GRADIENT,1518 FT MSL TREE 410 FT/NM CLIMB GRADIENT.

RWY 25: 3301 FT MSL AAO 290 FT/NM CLIMB GRADIENT, 1240 FT MSL TREE 378 FT/NM CLIMB GRADIENT..

QUALITY
42
CHECKED