

**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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
LATROBE, PA	ARNOLD PALMER RGNL	29 MARCH 2018	7

TAKEOFF MINIMUMS:

RWY 24, STANDARD.

RWY 6, STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 3300 OR 1700-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6 - CLIMB HEADING 040.77 TO 3300 BEFORE PROCEEDING ON COURSE.

RWY 24 - CLIMB HEADING 235.78 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 6: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS ARNOLD PALMER RGNL AIRPORT AT OR ABOVE 2700 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6: BUILDING 143 FT FROM DER, 412 FT LEFT OF CENTERLINE, 14 FT AGL/1143 FT MSL. POLES BEGINNING 1184 FT FROM DER, 750 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/1300 FT MSL. TREE 2046 FT FROM DER, 234 FT LEFT OF CENTERLINE, 1187 FT MSL. TREE 3077 FT FROM DER, 264 FT RIGHT OF CENTERLINE, 57 FT AGL/1217 FT MSL. TREE 4788 FT FROM DER, 951 FT LEFT OF CENTERLINE, 82 FT AGL/1260 FT MSL.

NOTE: RWY 24, POLE 511 FT FROM DER, 578 FT LEFT OF CENTERLINE, 40 FT AGL/1239 FT MSL. TREES AND POLE BEGINNING 634 FT FROM DER, 389 FT LEFT OF CENTERLINE, UP TO 1256 FT MSL. TREES BEGINNING 1421 FT FROM DER, 774 FT RIGHT OF CENTERLINE, UP TO 1257 FT MSL. TREES BEGINNING 1824 FT FROM DER, 784 FT RIGHT OF CENTERLINE, UP TO 1275 FT MSL. TREES BEGINNING 2656 FT FROM DER, 1161 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/1296 FT MSL. TREE 3093 FT FROM DER, 1193 FT RIGHT OF CENTERLINE, 62 FT AGL/1310 FT MSL. TREES BEGINNING 3106 FT FROM DER, 958 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1322 FT MSL. TREES BEGINNING 3352 FT FROM DER, 1020 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1348 FT MSL.

CONTROLLING OBSTACLES:

RWY 6 (VCOA): 2419 FT MSL AAO 401242.50N/0792252.40W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 6 - 2953 FT MSL TOWER 402030.00N/0791402.00W.

RWY 24 - 2448 FT MSL TOWER 400919.82N/0792542.29W.

REMARKS:



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1. RWY 6 DEPARTURE COURSE OFFSET 15 DEGREES LEFT OF RUNWAY CENTERLINE TO ACHIEVE BEST TAKEOFF MINIMUMS.
2. SUITABLE NAVAID NOT AVAILABLE TO DEVELOP DEPARTURE PROCEDURE WITH POSITIVE COURSE GUIDANCE (AGC VOR AND CIP VOR ARE SCHEDULED TO BE DECOMMISSIONED AS PART OF VOR MON). A CLIMB GRADIENT WAS ESTABLISHED (220 FT PER NM) TO ENSURE DEAD RECKONING DOES NOT EXCEED 10 NM. A FLIGHT INSPECTION 4D ACCURACY REQUEST FOR THE CONTROLLING OBSTACLE WAS CONSIDERED, HOWEVER, EVEN WITHOUT HORIZONTAL AND VERTICAL ACCURACY ADJUSTMENTS, THE RESULTING THE DEAD RECKONING COURSE EXCEEDED 10 NM.

FLIGHT INSPECTED BY: *Digitally signed by*
THOMAS CONKLIN **JACOB POWERS**
Jan 16, 2018

OFFICE SYMBOL: **DATE:**
FICO 1/11/18

DEVELOPED BY: *Digitally signed by*
VICTOR C. BOONE **VICTOR C BOONE**
Nov 30, 2017

OFFICE SYMBOL: **DATE:**
AJV-5432 10/24/2017

APPROVED BY: *Digitally signed by*
PATRICK J. MULQUEEN **JACOB POWERS**
Jan 16, 2018

OFFICE SYMBOL: **DATE:**
AJV-5430

REQUIRED EFFECTIVE DATE:

ROUTINE.

COORDINATED WITH:

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

OTHER:

ZOB, JST APP CON, LBE ATCT, AMGR.

CHANGES - REASONS:

1. ADDED 3 DEGREES TO TAKEOFF RUNWAY HEADINGS - AIRPORT MAGVAR CHANGED FROM 7W TO 10W.
2. RE-NUMBERED RWY 5/23 TO RWY 6/24.
3. UPDATED TAKEOFF OBSTACLE NOTES FOR RWY 6.

