

**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>
CLEVELAND, OH	CLEVELAND-HOPKINS INTL	24 MAY 2018	16A

TAKEOFF MINIMUMS:

RWY 6R, 6L, 10, 24R, 24L, 28 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 6R, 6L, 10 - CLIMBING LEFT TURN TO INTERCEPT DJB VOR/DME R-082 INBOUND TO 2600 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, TREE 828 FT FROM DER, 656 FT RIGHT OF CENTERLINE, 821 FT MSL. TREE 880 FT FROM DER, 662 FT RIGHT OF CENTERLINE, 830 FT MSL. SIGN 906 FT FROM DER, 717 FT LEFT OF CENTERLINE, 28 FT AGL/830 FT MSL. POLE 1415 FT FROM DER, 785 FT RIGHT OF CENTERLINE, 48 FT AGL/842 FT MSL. SIGN 2149 FT FROM DER, 955 FT LEFT OF CENTERLINE, 59 FT AGL/857 FT MSL. TOWER 3826 FT FROM DER, 1455 FT RIGHT OF CENTERLINE, 137 FT AGL/922 FT MSL.

NOTE: RWY 24L, TREE 1903 FT FROM DER, 492 FT LEFT OF CENTERLINE, 69 FT AGL/839 FT MSL. TREES BEGINNING 1959 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/848 FT MSL. POLE, TREE BEGINNING 2273 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/849 FT MSL.

NOTE: RWY 24R, TOWER 2565 FT FROM DER, 1028 FT RIGHT OF CENTERLINE, 191 FT AGL/870 FT MSL. TREE 3653 FT FROM DER, 1047 FT LEFT OF CENTERLINE, 103 FT AGL/863 FT MSL. TREE 3754 FT FROM DER, 861 FT LEFT OF CENTERLINE, 98 FT AGL/868 FT MSL.

NOTE: RWY 28, TREE, BUILDING BEGINNING 80 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 788 FT MSL. TREES BEGINNING 890 FT FROM DER, 212 FT RIGHT OF CENTERLINE, UP TO 803 FT MSL. TREES BEGINNING 1042 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 811 FT MSL. TREE 1250 FT FROM DER, 107 FT LEFT OF CENTERLINE, 813 FT MSL. BUILDING, TREES BEGINNING 1267 FT FROM DER, 66 FT LEFT OF CENTERLINE, UP TO 92 FT AGL/851 FT MSL. POLE 2970 FT FROM DER, 947 FT RIGHT OF CENTERLINE, 82 FT AGL/842 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPEMENT RWY 6R, 6L, 10: 1998 FT MSL TOWER 412245.00N/0814311.00W

REMARKS:

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED - PROCESSED IAW FLIGHT
INSPECTION TEAM (AJW-333) MEMO DATED MAY 30, 2017

Digitally signed by

ROBERT G HAMILTON

Dec 22, 2017

OFFICE SYMBOL:

AJV-333

DATE:

DEVELOPED BY:

JIMMY SANG HUGHES

Digitally signed by

JIMMY S HUGHES

Dec 11, 2017

OFFICE SYMBOL:

AJV-5422

DATE:

11/27/2017

APPROVED BY:

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Dec 22, 2017

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA



OTHER:

ZOB, CLE APP CON, CLE ATCT, AMGR

CHANGES - REASONS:

1. UPDATED TAKEOFF OBSTACLE NOTES. - NEW SURVEY.
2. REVISED CONTROLLING OBSTACLES TO REFLECT OBSTACLES MANDATING ODP DEVELOPEMENT

QUALITY
3
CHECKED