

**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</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
WORTHINGTON MUNI	KOTG	WORTHINGTON	MN	4	27 JANUARY 2022

TAKEOFF MINIMUMS:

RWY 11, 29, 36: STANDARD
RWY 18: 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 1900.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, GENERAL_UTILITY POLE 34 FT FROM DER, 78 FT LEFT OF CENTERLINE, 5 FT AGL/1577 FT MSL. GENERAL_UTILITY POLE 34 FT FROM DER, 77 FT RIGHT OF CENTERLINE, 4 FT AGL/1577 FT MSL. POLE 454 FT FROM DER, 529 FT RIGHT OF CENTERLINE, 25 FT AGL/1598 FT MSL. POLE 517 FT FROM DER, 616 FT RIGHT OF CENTERLINE, 36 FT AGL/1609 FT MSL. POLE 593 FT FROM DER, 536 FT RIGHT OF CENTERLINE, 37 FT AGL/1610 FT MSL. BUILDING 702 FT FROM DER, 626 FT RIGHT OF CENTERLINE, 37 FT AGL/1611 FT MSL. NAVAID 1200 FT FROM DER, 432 FT LEFT OF CENTERLINE, 36 FT AGL/1606 FT MSL. POLE 4280 FT FROM DER, 1613 FT RIGHT OF CENTERLINE, 106 FT AGL/1682 FT MSL.

NOTE: RWY 29, TERRAIN 17 FT FROM DER, 2 FT RIGHT OF CENTERLINE, 1574 FT MSL. VEHICLES BEGINNING 105 FT FROM DER, 257 FT LEFT OF CENTERLINE, UP TO 1587 FT MSL. TREES BEGINNING 1082 FT FROM DER, 474 FT LEFT OF CENTERLINE, UP TO 1625 FT MSL.

CONTROLLING OBSTACLES:

RWY 18: 1795 FT MSL ELEVATOR 433747.00N/0953433.00W

REMARKS:

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i> DONALD H LANIER Nov 29, 2021	<u>OFFICE</u>	<u>DATE</u>	
MICHAEL A GREENWOOD		FPO	11/18/2021	
<u>DEVELOPED BY</u>	<i>Digitally signed by</i> DONALD H LANIER Nov 29, 2021	<u>OFFICE</u>	<u>DATE</u>	
KELLY DEAN		AJV-A431	09/21/2021	
<u>APPROVED BY</u>	<i>Digitally signed by</i> DONALD H LANIER Nov 29, 2021	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART		AJV-A430		MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, ARPT MGR

CHANGES - REASONS:

1. CHANGED RWY 18 TAKEOFF MINIMUMS FROM "300-11/2 OR STANDARD WITH MINIMUM CLIMB OF 233 FT PER NM TO 1900, OR ALTERNATELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FT PRIOR TO DER" TO "300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 1900" - EXISTING CONTROLLER ALTITUDE CHANGED FROM 1794 TO 1795 RESULTING IN TARGETS EVAL REQUIRING INCREASED CLIMB GRADIENT FROM 233 TO 240, AND REMOVAL OF REDUCED TAKEOFF DISTANCE WITH STANDARD MINIMUMS.
2. REMOVED RWY 29 DEPARTURE PROCEDURE - PREVIOUSLY IDENTIFIED 2307 MSL CONTROLLER NO LONGER EXISTS, STANDARD CLIMB CLEAR.
3. UPDATED RWY 18 AND RWY 36 TAKEOFF NOTES - NEW TARGETS EVAL.
4. REMOVED RWY 29 TAKEOFF NOTES - NEW TARGETS EVAL SHOWS ICA 40:1 CLEAR.

