

**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>
WILLOWS, CA	WILLOWS-GLENN COUNTY	22 JUNE 2017	2

TAKEOFF MINIMUMS:

RWY 13, 16, 31, 34: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 13: CLIMBING RIGHT TURN HEADING 150 TO 1000 THENCE...
RWY 16: CLIMBING LEFT TURN HEADING 145 TO 1000 THENCE...
RWY 31: CLIMBING LEFT TURN HEADING 140 TO 1000 THENCE...
RWY 34: CLIMBING RIGHT TURN HEADING 150 TO 1000 THENCE...

...ALL AIRCRAFT CONTINUE CLIMB DIRECT ILA VORTAC BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 13, VEHICLES BEGINNING 325 FT FROM DER, 563 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/146 FT MSL.

RWY 16, POLES BEGINNING 14 FT FROM DER, 409 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/172 FT MSL. TREE 232 FT FROM DER, 436 LEFT OF CENTERLINE, 149 FT MSL.

RWY 34, TOWER 869 FT FROM DER, 434 FT RIGHT OF CENTERLINE, 55 FT AGL/196 MSL. POLE 909 FT FROM DER, 305 RIGHT OF CENTERLINE, 24 FT AGL/165 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ROUTE DEVELOPMENT: RWY 13, 16, 31, 34: 6690 FT MSL AAO 392557.00N/1224136.00W.

REMARKS:



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WILLOWS, CA	WILLOWS-GLENN COUNTY	22 JUNE 2017	2

FLIGHT INSPECTED BY: THOMAS E. MOLOKIE	<i>Digitally signed by</i> DONALD H LANIER May 17, 2017	OFFICE SYMBOL: FICO	DATE: 05/15/2017
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DEVELOPED BY: ROBERT GRIM	ROBERT E GRIM II <i>Digitally signed by ROBERT E GRIM II Date: 2017.03.21 14:18:56 -05'00'</i>	OFFICE SYMBOL: AJV-5431	DATE: 02/16/2017
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APPROVED BY: PAT MULQUEEN	<i>Digitally signed by</i> DONALD H LANIER May 17, 2017	OFFICE SYMBOL: AJV-5430	DATE:
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REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER:

ZOA, CA AERO, AMGR, NORCAL DEP CON

CHANGES - REASONS:

1. REPLACED MXW VORTAC WITH ILA VORTAC - MXW VORTAC DECOMMISSIONING.
2. DELETED SECTORED CLIMB REQUIREMENT AND CLIMB IN HOLD. - AIRCRAFT WILL BE FLYING OVER 20 NM BEFORE PROCEEDING ON COURSE. TERRAIN IS NOT A FACTOR.
3. ADDED TAKEOFF OBSTACLE NOTES RWY 13 - ADDED OBSTACLE MANDATING ROUTE DEVELOPMENT - ALL RWYS.

05/17/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/16/17.

1. CHANGED TEXTUAL DEPARTURE PROCEDURES FROM: RWY 13, 34: CLIMBING RIGHT TURN, RWY 16, 31: CLIMBING LEFT TURN, TO: RWY 13: CLIMBING RIGHT TURN HEADING 150 TO 1000 FT THENCE... RWY 16: CLIMBING LEFT TURN HEADING 145 TO 1000 FT THENCE... RWY 31: CLIMBING LEFT TURN HEADING 140 TO 1000 FT THENCE...RWY 34: CLIMBING RIGHT TURN HEADING 150 TO 1000 FT THENCE.....ALL AIRCRAFT CONTINUE CLIMB DIRECT ILA VORTAC BEFORE PROCEEDING ON COURSE.

QUALITY
3
CHECKED