

**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.

**CITY, STATE**  
SIDNEY, MT

**AIRPORT**  
SIDNEY-RICHLAND RGNL

**EFFECTIVE DATE**      **AMDT NO**  
17 AUGUST 2017              6

**TAKEOFF MINIMUMS:**

RWY 1, 11, 19: STANDARD.

RWY 29: 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 2300.

**TEXTUAL DEPARTURE PROCEDURES:**

**RWY 11:** CLIMB HEADING 108.02 TO 2700 BEFORE TURNING RIGHT.

**RWY 29:** CLIMB HEADING 288.03 TO 2800 BEFORE TURNING LEFT.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 01:** RWY LT, NAVAID BEGINNING 9 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 1983 FT MSL. TREE 86 FT FROM DER, 358 FT LEFT OF CENTERLINE, 2004 FT MSL. TREE 145 FT FROM DER, 376 FT RIGHT OF CENTERLINE, 2039 FT MSL. TREE 171 FT FROM DER, 538 FT LEFT OF CENTERLINE, 2019 FT MSL. TREES BEGINNING 188 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 2040 FT MSL. TREE 193 FT FROM DER, 470 FT LEFT OF CENTERLINE, 2026 FT MSL. TREE, VEHICLE ON RD BEGINNING 304 FT FROM DER, 99 FT LEFT OF CENTERLINE, UP TO 2037 FT MSL. TREE 640 FT FROM DER, 585 FT LEFT OF CENTERLINE, 2038 FT MSL. TREE, GRD BEGINNING 763 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 2049 FT MSL. TREES BEGINNING 1094 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 2041 FT MSL. TREES BEGINNING 1218 FT FROM DER, 269 FT RIGHT OF CENTERLINE, UP TO 2044 FT MSL. TREES BEGINNING 1313 FT FROM DER, 270 FT RIGHT OF CENTERLINE, UP TO 2052 FT MSL. TREES BEGINNING 1341 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 2053 FT MSL. TREES BEGINNING 1410 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 2051 FT MSL. TREES BEGINNING 1708 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 2080 FT MSL.

**NOTE: RWY 11:** TERRAIN+VEG, VEHICLE ON RD, TREE BEGINNING 50 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/1996 FT MSL. TREE 86 FT FROM DER, 310 FT LEFT OF CENTERLINE, 1977 FT MSL. TERRAIN+VEG, VEHICLE ON RD BEGINNING 94 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/1996 FT MSL. TREE, TERRAIN+VEG BEGINNING 809 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 2020 FT MSL. TREES BEGINNING 2102 FT FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 2035 FT MSL.

**NOTE: RWY 19:** NAVAID 18 FT FROM DER, 125 FT RIGHT OF CENTERLINE, 2 FT AGL/1984 FT MSL. VEHICLE ON RD 19 FT FROM DER, 336 FT RIGHT OF CENTERLINE, 1997 FT MSL.

**NOTE: RWY 29:** NAVAID BEGINNING 7 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 1983 FT MSL. FENCE, NAVAID BEGINNING 26 FT FROM DER, 124 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/1984 FT MSL. TREES BEGINNING 55 FT FROM DER, 195 FT RIGHT OF CENTERLINE, UP TO 1997 FT MSL. TREE, FENCE, BUSH BEGINNING 146 FT FROM DER, 178 FT RIGHT OF CENTERLINE, UP TO 2012 FT MSL. GRD BEGINNING 155 FT FROM DER, 400 FT LEFT OF CENTERLINE, UP TO 1989 FT MSL. TREE, VEHICLE ON RD BEGINNING 193 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 2023 FT MSL. TREES BEGINNING 400 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 1998 FT MSL. TREE, VEHICLE ON RD BEGINNING 516 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 2000 FT MSL. TREES BEGINNING 590 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 2026 FT MSL. TREE 611 FT FROM DER, 91 FT LEFT OF CENTERLINE, 2001 FT MSL. TREES BEGINNING 651 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 2006 FT MSL. TREES BEGINNING 677 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 2039 FT MSL. TREES BEGINNING 891 FT FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 2007 FT MSL. GRD, TREE BEGINNING 942 FT FROM DER, 0 FT OF CENTERLINE, UP TO 2052 FT MSL. TREE 953 FT FROM DER, 76 FT LEFT OF CENTERLINE, 2008 FT MSL. TREE 999 FT FROM DER, 120 FT LEFT OF CENTERLINE, 2010 FT MSL. TREES BEGINNING 1076 FT FROM DER, 122 FT LEFT OF CENTERLINE, UP TO 2012 FT MSL. POLE, TREE BEGINNING 1166 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/2021 FT MSL. GRD, TREE BEGINNING 1184 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 2054 FT MSL. GRD 1389 FT FROM DER, 847 FT RIGHT OF CENTERLINE, 2067 FT MSL. GRD 1396 FT FROM DER, 814 FT LEFT OF CENTERLINE, 2023 FT MSL. OIL PUMP 1438 FT FROM DER, 211 FT LEFT OF CENTERLINE, 36 FT AGL/2027 FT MSL. POLE, TREE BEGINNING 1517 FT FROM DER, 710 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/2104 FT MSL. GRD BEGINNING 1540 FT FROM DER, 603 FT LEFT OF CENTERLINE, UP TO 2051 FT MSL. POLE, TREE BEGINNING 1786 FT FROM DER, 720 FT LEFT OF CENTERLINE, UP TO 19 FT AGL/2104 FT MSL. TREE, GRD, POLE, CATENARY, FENCE BEGINNING 1865 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 2120 FT MSL. GRD BEGINNING 1919 FT FROM DER, 858 FT LEFT OF CENTERLINE, UP TO 2107 FT MSL. GRD, TREE BEGINNING 2536 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 2108 FT MSL. TRMSN TWR, GRD, TREE BEGINNING 3107 FT FROM DER, 1037 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/2132 FT MSL. POLE, GRD, TREE BEGINNING 4435 FT FROM DER, 494 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/2133 FT MSL. CATENARY, GRD BEGINNING 5121 FT FROM DER, 1729 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/2159 FT MSL. POLE, GRD BEGINNING 5227 FT FROM DER, 1469 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/2180 FT MSL. POLE, TRMSN TWR, GRD, VEHICLE ON RD, FENCE BEGINNING 5280 FT FROM DER, 1205 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/2186 FT MSL. GRD BEGINNING 5280 FT FROM DER, 1255 FT LEFT OF CENTERLINE, UP TO 2135 FT MSL. GRD BEGINNING 5544 FT FROM DER, 1382 FT LEFT OF CENTERLINE, UP TO 2142 FT MSL. GRD BEGINNING 1.1 NM FROM DER, 2019 FT LEFT OF CENTERLINE, UP TO 2158 FT MSL. TREE 1.1 NM FROM DER, 1644 FT LEFT OF CENTERLINE, 2163 FT MSL. GRD, TREE BEGINNING 1.1 NM FROM DER, 1976 FT LEFT OF CENTERLINE, UP TO 2162 FT MSL. TREE 1.2 NM FROM DER, 1747 FT LEFT OF CENTERLINE, 2166 FT MSL. GRD 1.2 NM

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FROM DER, 2280 FT LEFT OF CENTERLINE, 2171 FT MSL. GRD 1.3 NM FROM DER, 2458 FT LEFT OF CENTERLINE, 2184 FT MSL. GRD BEGINNING 1.3 NM FROM DER, 2355 FT LEFT OF CENTERLINE, UP TO 2197 FT MSL. GRD, FENCE BEGINNING 1.4 NM FROM DER, 2126 FT LEFT OF CENTERLINE, UP TO 2204 FT MSL. GRD BEGINNING 1.4 NM FROM DER, 2625 FT LEFT OF CENTERLINE, UP TO 2206 FT MSL. GRD 1.5 NM FROM DER, 2775 FT LEFT OF CENTERLINE, 2212 FT MSL. GRD 1.5 NM FROM DER, 2909 FT LEFT OF CENTERLINE, 2216 FT MSL. FENCE 1.8 NM FROM DER, 3160 FT LEFT OF CENTERLINE, 3 FT AGL/2263 FT MSL. GRD 1.8 NM FROM DER, 3123 FT LEFT OF CENTERLINE, 2261 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 29: 2186 FEET MSL POLE 474321.51N/1041233.57W (CLIMB GRADIENT)(CLIMB TO ALTITUDE),  
2263 FEET MSL FENCE 474303.90N/1041418.48W (CEILING),  
2261 FEET MSL GND 474305.46N/1041421.84W (VISIBILITY)

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

RWY 11: 2534 FEET MSL TOWER 473937.77N/1040701.36W  
RWY 29: 2980 FEET MSL TOWER 474244.00N/1042121.00W

**REMARKS:**

**FLIGHT INSPECTED BY:**

*Digitally signed by*

Zack Smyer

**DONALD H LANIER**

Jun 05, 2017

**OFFICE SYMBOL:**

FICO

**DATE:**

6/1/17

**DEVELOPED BY:**

KELLY DEAN

**KELLY D DEAN**

*Digitally signed by KELLY D DEAN  
Date: 2017.03.24 10:45:25 -05'00'*

**OFFICE SYMBOL:**

AJV-5431

**DATE:**

03/24/2017

**APPROVED BY:**

*Digitally signed by*

PATRICK MULQUEEN, MANAGER

**DONALD H LANIER**

Jun 05, 2017

**OFFICE SYMBOL:**

AJV-5430

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**      **ALPA**      **AOPA**      **APA**      **HAI**      **NBAA**



**OTHER:**

ZLC, ARPT MGR

**CHANGES - REASONS:**

1. CHANGED RWY 29 TAKEOFF MINIMUMS FROM 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 315 FT PER NM TO 2500 TO 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 2300 - TARGETS OBSTACLE REVIEW.
2. CHANGED RWY 29 TEXTUAL DEPARTURE PROCEDURES FROM CLIMB HEADING 288.03 TO 2800 BEFORE PROCEEDING ON COURSE TO CLIMB HEADING 288.03 TO 2800 BEFORE TURNING LEFT - ALLOW RIGHT TURN IMMEDIATELY ONCE CLEARING ICA AND STANDARDIZE WITH RWY 11 INSTRUCTIONS.
3. UPDATED TAKEOFF OBSTACLE NOTES - TARGETS OBSTACLE REVIEW.
4. UPDATED CONTROLLING OBSTACLES - TARGETS OBSTACLE REVIEW.
5. AIRPORT NAME CHANGED FROM SIDNEY-RICHLAND MUNI TO SIDNEY-RICHLAND RGNL.

QUALITY  
10  
CHECKED