

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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
DUCHESNE, UT	DUCHESNE MUNI	10 OCTOBER 2019	1

**TAKEOFF MINIMUMS:**

RWY 8, 26: NA - ENVIRONMENTAL.

RWY 17: STANDARD

RWY 35: STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 6900 OR 1100-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 17: CLIMBING LEFT TURN DIRECT MTU VOR/DME, THENCE...

RWY 35: CLIMBING RIGHT TURN DIRECT MTU VOR/DME, THENCE...

...CONTINUE CLIMB IN MTU VOR/DME HOLDING PATTERN (HOLD NORTHEAST, RIGHT TURNS, 213.00 INBOUND) TO CROSS MTU VOR/DME AT OR ABOVE MEA FOR ROUTE OF FLIGHT.

**VISUAL CLIMB OVER AIRPORT:**

RWY 35: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS DUSCHENE MUNI AIRPORT AT OR ABOVE 6800 THEN ON MTU VOR/DME R-269 TO MTU VOR/DME. CONTINUE CLIMB IN MTU VOR/DME HOLDING PATTERN (HOLD NORTHEAST, RIGHT TURNS, 213 INBOUND) TO CROSS MTU VOR/DME AT OR ABOVE MEA FOR ROUTE OF FLIGHT.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 35, VEHICLES ON ROAD BEGINNING 315 FT FROM DER, 95 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/5844 FT MSL.

VEHICLES ON ROAD BEGINNING 327 FT FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/5854 FT MSL.

EQUIPMENT 415 FT FROM DER, 515 FT LEFT OF CENTERLINE, 17 FT AGL/5856 FT MSL.

BUILDING 876 FT FROM DER, 617 FT LEFT OF CENTERLINE, 30 FT AGL/5869 FT MSL.

POLE 1048 FT FROM DER, 682 FT LEFT OF CENTERLINE, 40 FT AGL/5889 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 35: 6709 FT MSL AAO 401650.30N/1102044.00W.

RWY 35 VISUAL CLIMB AREA OBSTACLE: 6539 FT MSL AAO 400821.00N/1102724.00W.

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

RWYS 17, 35: 13615 FT MSL AAO 404245.00N/1101812.00W.

RWY 35 VCOA: 13615 FT MSL AAO 404245.00N/1101812.00W.

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**REMARKS:**

40 FT. VEGETATION USED PER WFPT.

**FLIGHT INSPECTED BY:**

BRYAN VEIT

*Digitally signed by*

**MARK D ADAMS**

Jun 28, 2019

**OFFICE SYMBOL:**

FICO

**DATE:**

6/25/19

**DEVELOPED BY:**

JOHN THORNTON

*Digitally signed by*

**JOHN R THORNTON**

May 07, 2019

**OFFICE SYMBOL:**

AJV-A412

**DATE:**

05/07/2019

**APPROVED BY:**

JULIE MORGAN

*Digitally signed by*

**MARK D ADAMS**

May 24, 2019

**OFFICE SYMBOL:**

AJV-A410

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

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

                            

**OTHER:**

ZLC, AMGR, UT AERO

**CHANGES - REASONS:**

1. CHANGED TAKEOFF MINIMUMS FROM "RUNWAYS 7, 26, 16, 34 STANDARD" TO "RWY 8, 26: NA - ENVIRONMENTAL. RWY 17: STANDARD. RWY 35: STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 6900 OR 1100-3 FOR VCOA." - RWY DESIGNATORS CHANGED 11/25/2004, RWYS 8, 26 ARE TURF AND DO NOT HAVE RAPT APPROVAL FOR INSTRUMENT PROCEDURE USE; RWY 35 REQUIRES A CLIMB GRADIENT/VCOA DUE TO NEW OBSTACLE.
2. DELETED DEPARTURE PROCEDURE "CLIMB DIRECT TO MTU VORTAC TO DEPART AT OR ABOVE 7200' EASTBOUND OR 10000' WESTBOUND" - PROCEDURE IMPLIED A CLIMB-IN-HOLD BUT DID NOT DIRECT AIRCRAFT PROCEEDING WESTBOUND TO CLIMB-IN-HOLD UNTIL 10000 FT.
3. ADDED RWY 17/35 TEXTUAL DEPARTURE PROCEDURE TO INCLUDE DIRECTION OF TURN UPON DEPARTURE AND CLIMB-IN-HOLD - CLARIFY DEPARTURE PROCEDURE REQUIREMENTS, SPECIFY CLIMB-IN-HOLD, AND REQUIRE AIRCRAFT TO BE AT APPROPRIATE MEA PRIOR TO DEPARTING MTU VOR/DME.
4. ADDED RWY 35 VISUAL CLIMB OVER AIRPORT - 6709 FT MSL AAO OUTSIDE THE ICA MANDATES RWY 35 VCOA DEVELOPMENT.
5. ADDED TAKEOFF OBSTACLE NOTES - NEW OBSTACLE STUDY. GROUPED AND FORMATTED IAW DEPARTURE OBSTACLES GROUPER SOP (1.0).
6. ADDED OBSTACLE MANDATING ROUTE DEVELOPMENT FOR ALL RWYS AND RWY 35 VCOA: 13615 FT MSL AAO, 404245.00N/1101812.00W - NOT PREVIOUSLY LISTED ON FORM.
7. ADDED CONTROLLING OBSTACLE FOR RWY 35 - 8260.46G, APPENDIX D, PARA 11A.
8. ADDED VISUAL CLIMB AREA CONTROLLING OBSTACLE FOR RWY 35 - 8260.46G, APPENDIX D, PARA 11D.

