

# DES MOINES ONE DEPARTURE

AL-117 (FAA)

DES MOINES INTL (DSM)  
DES MOINES, IOWA

**TOP ALTITUDE:  
5000**

SIoux FALLS  
115.0 FSD   
Chan 97  
N43°38.97'-W96°46.87'  
L-12, H-5

GOPHER  
117.3 GEP   
Chan 120  
N45°08.74'-W93°22.39'  
L-12-14, H-2

WATERLOO  
112.2 ALO   
Chan 59  
N42°33.39'-W92°23.94'  
L-28, H-5

CLINC DEL  
134.15 317.55  
DES MOINES DEP CON  
WEST 135.2 360.7  
EAST 123.9 307.15

MASON CITY  
114.9 MCW   
Chan 96  
N43°05.69'-W93°19.79'  
L-12, H-5

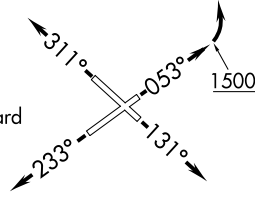
DUBUQUE  
115.8 DBQ   
Chan 105  
N42°24.09'-W90°42.54'  
L-28, H-5

OMAHA  
116.3 OVR   
Chan 110  
N41°10.03'-W95°44.21'  
L-10-12, H-5

CEDAR RAPIDS  
114.1 CID   
Chan 88  
N41°53.25'-W91°47.14'  
L-28, H-5

**TAKEOFF MINIMUMS**  
Rws 5, 13, 23, 31: Standard

NOTE: RADAR required



LINCOLN  
116.1 LNK   
Chan 108  
N40°55.43'-W96°44.52'  
L-10, H-5

IOWA CITY  
116.2 IOW   
Chan 109  
N41°31.14'-W91°36.80'  
L-28, H-5

ST JOSEPH  
115.5 STJ   
Chan 102  
N39°57.63'-W94°55.51'  
L-10, H-5

DES MOINES  
117.5 DSM   
Chan 122  
N41°26.26'-W93°38.91'  
L-12-27, H-5

BURLINGTON  
111.4 BRL   
Chan 51  
N40°43.41'-W90°55.55'  
L-27, H-5

TOPEKA  
117.8 TOP   
Chan 125  
N39°08.22'-W95°32.95'  
L-10

KANSAS CITY  
113.25 MCI   
Chan 79(Y)  
N39°17.12'-W94°44.22'  
L-10, H-5

LAMONI  
116.7 LMN   
Chan 114  
N40°35.81'-W93°58.06'  
L-27, H-5

NOTE: Chart not to scale.

NC-3, 21 APR 2022 to 19 MAY 2022

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## DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 5:** Climb on heading 053° to 1500 before turning left for RADAR vectors to assigned route/fix, thence . . .
- TAKEOFF RUNWAY 13:** Climb on heading 131° for RADAR vectors to assigned route/fix, thence . . .
- TAKEOFF RUNWAY 23:** Climb on heading 233° for RADAR vectors to assigned route/fix, thence . . .
- TAKEOFF RUNWAY 31:** Climb on heading 311° for RADAR vectors to assigned route/fix, thence . . .
- . . . maintain 5000 or assigned lower altitude.
- Expect clearance to filed altitude 10 minutes after departure.

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