

DES MOINES ONE DEPARTURE

AL-117 (FAA)

DES MOINES INTL (DSM)
DES MOINES, IOWA

**TOP ALTITUDE:
5000**

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

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

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

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

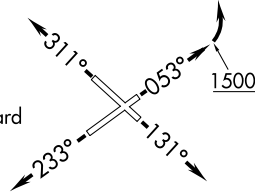
DUBUQUE
115.8 DBQ
Chan 105
N42°24.09'-W90°42.54'
L-28, H-5

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°35.80'-W93°58.06'
L-27, H-5

NOTE: Chart not to scale.



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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