

MASON CITY MASHUP



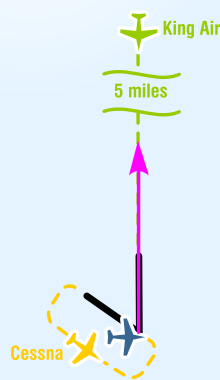
SCENARIO

Sometimes non-towered operations feel like the Wild West. That can be tough enough on a sunny day with the flexibility of VFR. When you're departing IFR in visual conditions, it's even tougher. The question is: How much flexibility do you have before you're tucked safely into ATC's warm embrace?

CHOICES

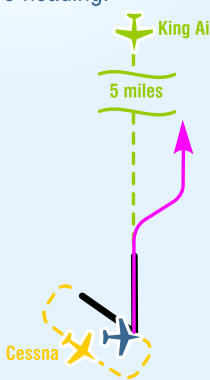
CHOICE 1

Depart straight out on Runway 36 per your IFR clearance.



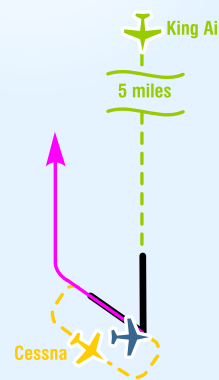
CHOICE 2

Depart Runway 36 and make an early right turn to offset from the inbound traffic, before returning to a 360 heading.



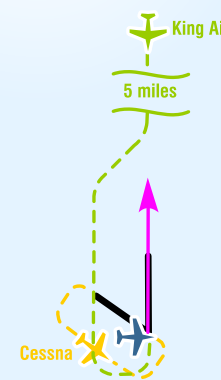
CHOICE 3

Depart Runway 30 and then turn to a 360 heading, which would be offset from the inbound traffic.



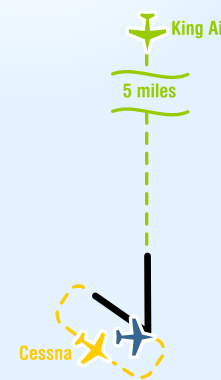
CHOICE 4

Ask the King Air to enter downwind for Runway 36. If they agree, depart straight out on Runway 36.



CHOICE 5

Call Center back and request a new release window.



Timeline

PREFLIGHT BRIEFING
0045Z / 1945 CDT

SUNSET
0203Z / 2103 CDT

DEPARTURE & DECISION TIME
0105Z / 2005 CDT

Scenario Month: July

Flight Planning Information

Aircraft Bellanca Super Viking SV 17-300A	Estimated Flight Time (hh:mm) 00:51	
Cruise Altitude 8000 feet	Fuel on Board (hh:mm) 05:14	
Cruise Speed 153 KTS	Number Aboard 1	
Departure KMCW	Destination KANE	Alternate KSTC
Route Direct		

Pilot Experience

Total Time: 756 hours
Time in Type: 624 hours
Instrument-rated

Entire Route

MINNESOTA

St. Cloud

KANE

St. Paul

Eau Claire

Rochester

Winona

La Crosse

Albert Lea

Spencer

KMCW in City

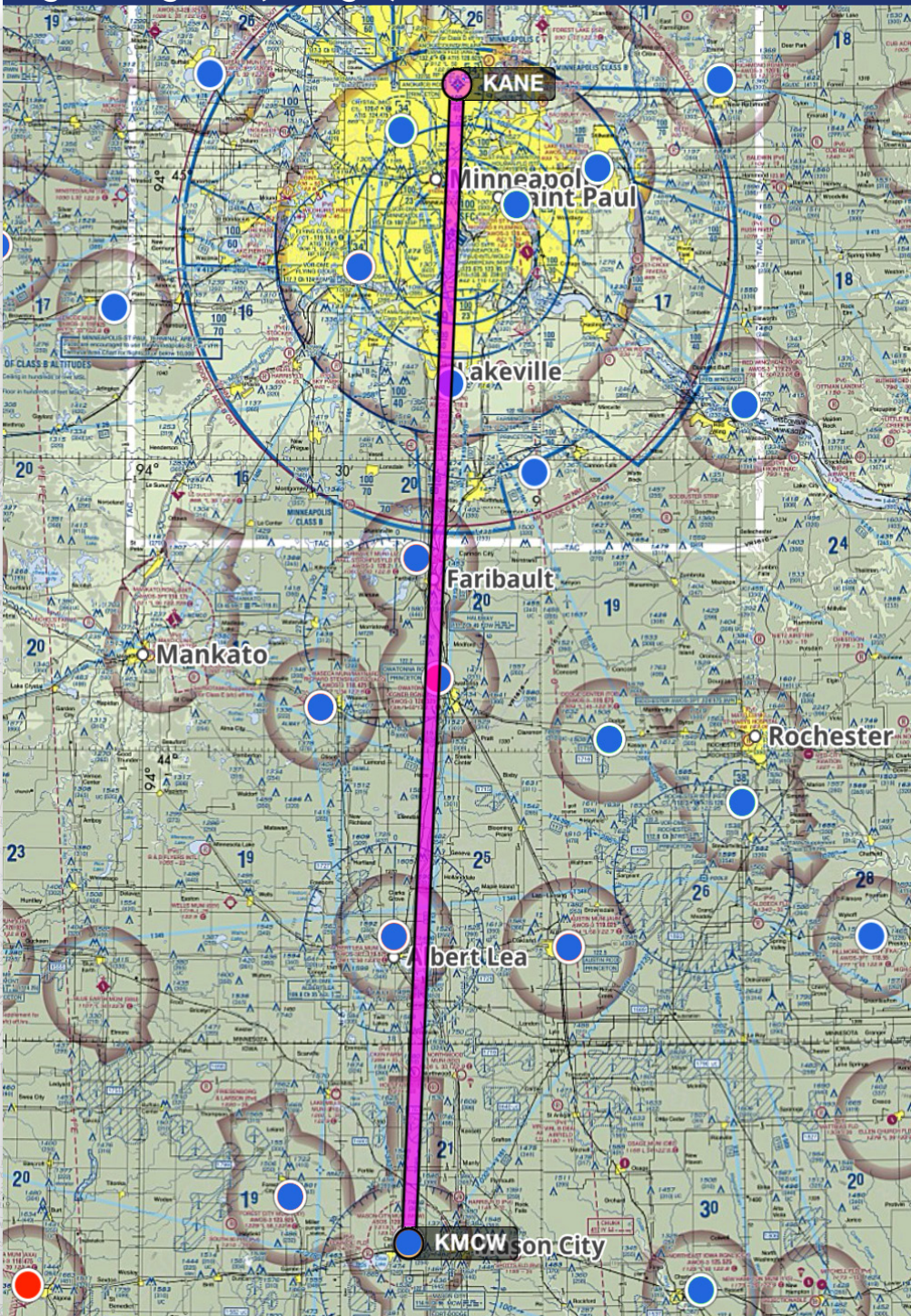
Fort Dodge

Waterloo

IOWA

Cedar Rapids

Flight Categories (Preflight)



METARs and TAFs (Preflight)

Departure

KMCW 012353Z AUTO 0000KT 10SM OVC25 26/20 A2986

► TAF KMCW 012326Z 0200/0300 30004KT P6SM OVC25
FM021000 29006KT P6SM BKN025 BKN100
FM021500 31012KT P6SM SCT040
FM022200 21005KT P6SM SCT250

Enroute

KAEL 012355Z AUTO 32008KT 280V340 10SM SCT025 OVC030 26/20 A2983

KOWA 012353Z AUTO 30008KT 10SM BKN027 26/19 A2982

KFBL 012355Z AUTO 28005KT 10SM BKN021 26/19 A2981

KLVN 012355Z AUTO 29005KT 10SM SCT025 BKN030 26/16 A2980

KMSP 012353Z 30007KT 10SM SCT024 BKN030 26/16 A2979

► TAF KMSP 012341Z 0200/0312 30005KT P6SM BKN025 OVC070
FM020900 29008KT P6SM BKN030
FM021800 26006KT P6SM BKN070

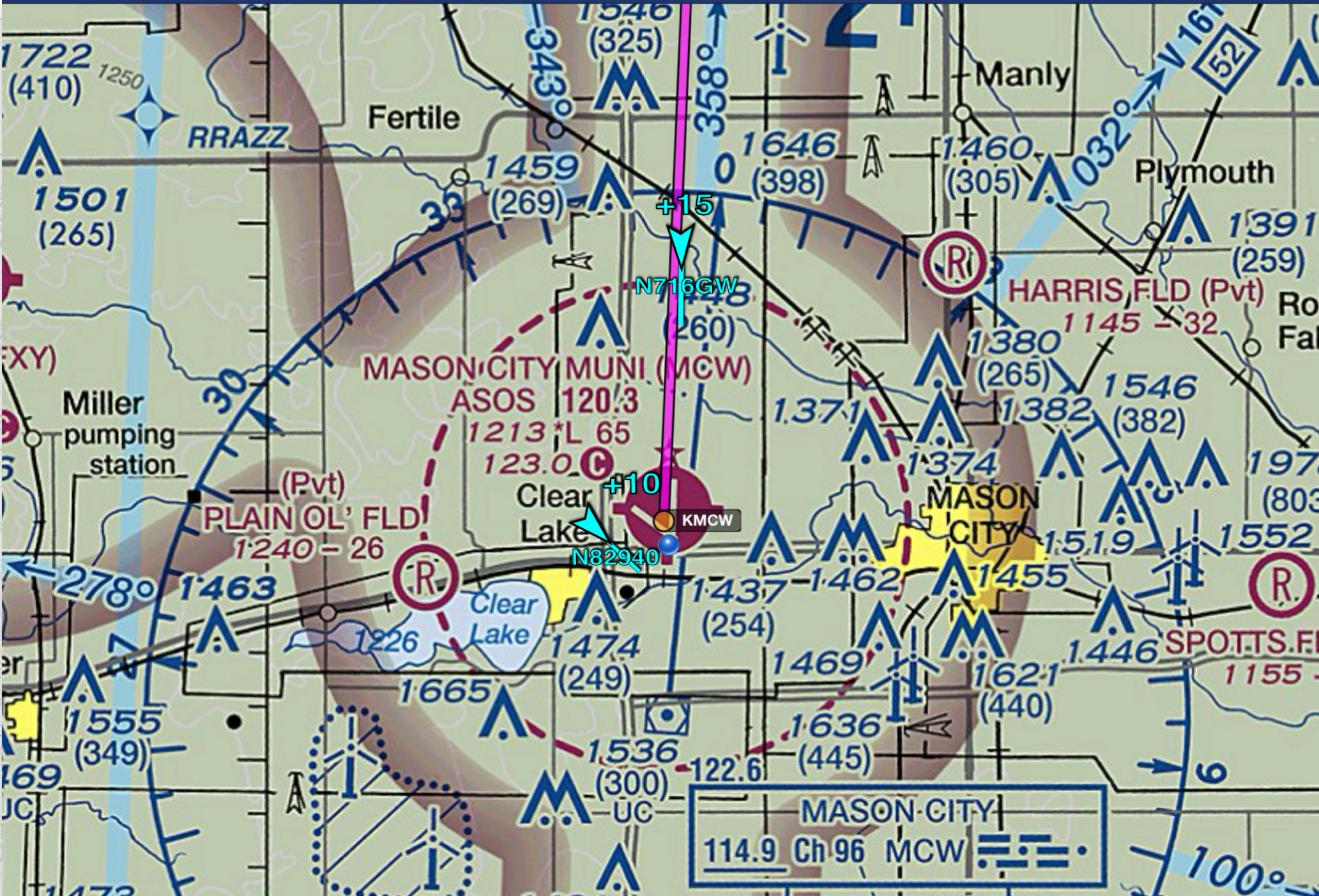
Destination

KANE 012350Z 30007KT 10SM BKN030 27/16 A2978

ASOS (Preflight)

"Mason City Municipal Airport, automated weather observation, 0101Z. Wind calm. Visibility 10. Sky condition overcast 2500. Temperature 25, dewpoint 20. Altimeter 29.87."





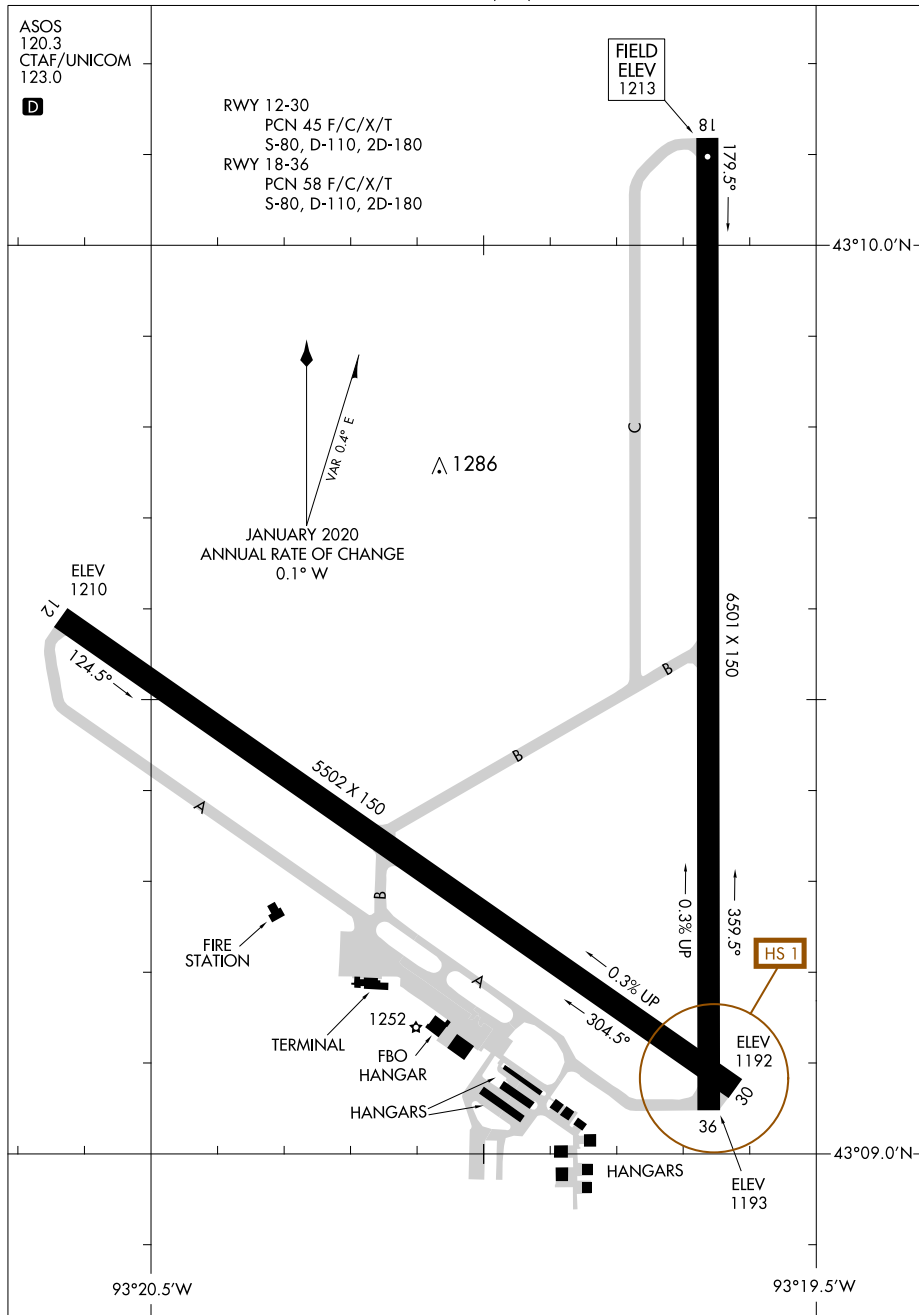
KMCW Airport Diagram

22251

AIRPORT DIAGRAM

AL-667 (FAA)

MASON CITY MUNI (MCW)
MASON CITY, IOWA



AIRPORT DIAGRAM

22251

MASON CITY, IOWA
MASON CITY MUNI (MCW)

KMCW Chart Supplement

MASON CITY MUNI (MCW)(KMCW) 5 W UTC-6(-5DT) N43°09.47' W93°19.88'

1213 B TPA-2013(800) ARFF Index-See Remarks NOTAM FILE MCW

RWY 18-36: H6501X150 (ASPH-GRVD) S-80, D-110, 2S-140,

2D-180 PCN 58 F/C/X/T HIRL 0.3% up N

RWY 18: MALS. VASI(V4L)-GA 3.0° TCH 39'.

RWY 36: MALS. PAPI(P4L)-GA 2.9° TCH 62'.

RWY 12-30: H5502X150 (ASPH-GRVD) S-80, D-110, 2S-140,

2D-180 PCN 45 F/C/X/T MIRL 0.3% up NW

RWY 12: REIL. PAPI(P4L)-GA 3.0° TCH 39'. Tree.

RWY 30: PAPI(P4L)-GA 3.0° TCH 51'. Bldg.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-5501 TODA-5501 ASDA-5501 LDA-5501

RWY 18: TORA-6501 TODA-6501 ASDA-6501 LDA-6501

RWY 30: TORA-5501 TODA-5501 ASDA-5501 LDA-5501

RWY 36: TORA-6501 TODA-6501 ASDA-6401 LDA-6401

SERVICE: S4 FUEL 100LL, JET A LGT Actvt HIRL Rwy 18-36; MIRL

Rwy 12-30; REIL Rwy 12; MALS Rwy 18; MALS Rwy 36; VASI

Rwy 18; PAPI Rwy 12; 30 and 36-CTAF. All PAPIs on durg dalgt hrs.

AIRPORT REMARKS: Attended 1300-2300Z. Airport operations

641-430-0980. For svc or fuel after hrs PPR call 641-430-9898.

Bird activity on and invof arpt. Class I, ARFF Index A. ARFF Index B

provided. All general aviation t/c remain clear of air carrier ramp during

airline opns. Air carrier ramp defined by red line. Rwy 30 is calm wind rwy. Due to rwy and twy end elevation differentials

and acft height; pilots may lose line of sight of other acft on opposing rwy and twy ends. All departure/arrival acft use

CTAF. Ldg fee for all commercial operated acft.

AIRPORT MANAGER: 641-421-3397

WEATHER DATA SOURCES: ASOS 120.300 (641) 357-8490.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.6 (FORT DODGE RADIO)

MINNEAPOLIS CENTER APP/DEP CON 127.3

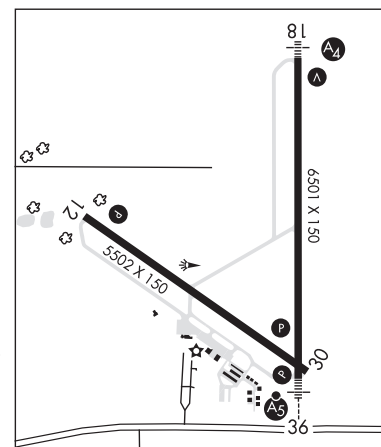
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Minneapolis ARTCC at 651-463-5588.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MCW.

(VH) (H) VORW/DME 114.9 MCW Chan 96 N43°05.69' W93°19.79' 353° 3.8 NM to fld. 1209/6E.

ILS 109.5 I-MCW Rwy 36. Class IE. Backcourse unusable w/ 2.1 NM.



OMAHA
H-5D, L-12J
IAP, AD

Bonus Resources

For additional resources, visit the IFR Mastery Hangar for this scenario.