

Flight Plan Form

1. TYPE OF FLIGHT VFR IFR DVFR		2. AIRCRAFT TYPE SPECIAL EQUIP.		3. CRUISING ALTITUDE PROPOSED ACTUAL		4. TRUE AIRSPEED KTS		5. DEPARTURE POINT		6. DEPARTURE TIME (Z) PROPOSED ACTUAL		7. NUMBER ABOARD		8. PILOT'S NAME, ADDRESS, PHONE & AIRCRAFT HOME BASE		9. DESTINATION CONTACT/TELEPHONE (OPTIONAL)	
10. EST. TIME ENROUTE HOURS MINUTES		11. REMARKS		12. FUEL ON BOARD HOURS MINUTES		13. ALTERNATE AIRPORT(S)		14. PILOT'S NAME, ADDRESS, PHONE & AIRCRAFT HOME BASE		15. NUMBER ABOARD		16. COLOR OF AIRCRAFT		17. DESTINATION CONTACT/TELEPHONE (OPTIONAL)		18. CLOSE VFR FLIGHT PLAN WITH	

Guide to Airfield Signs

4-22 On taxiways at intersection with a runway and at a runway/runway intersection.

HS-1 Land and hold short for other than intersecting runways as instructed by ATC.

4-APCH Controlled Airport - Hold when instructed by ATC. Uncontrolled Airport - Proceed when no traffic conflict exists.

ILS Hold when instructed by ATC when approaches are being made with visibility less than 2 miles or ceiling less than 800 feet.

ILS Critical Area Areas where aircraft are forbidden to enter.

B Identifies taxiway on which aircraft is located.

22 Identifies runway on which aircraft is located.

4 Provides remaining runway length in 1000 feet increments.

These signs are used on controlled airports to identify the boundary of the runway protected area. It is intended that the pilots exiting this area would use this sign as a guide to judge when the aircraft is clear of the protected area.

These signs are used on controlled airports to identify the boundary of the ILS critical area. It is intended that pilots exiting this area would use this sign as a guide to judge when the aircraft is clear of the ILS critical area.

On Taxiways - Provides direction to turn at next intersection to maneuver aircraft onto named taxiway.

On Runways - Provides general taxiing direction to named runway.

Provides general taxiing direction to named runway.

Indicates taxiway does not continue.

Code

Phonetic Alphabet	Morse Code
A - Alpha	•••••
B - Bravo	•••••
C - Charlie	•••••
D - Delta	•••••
E - Echo	•••••
F - Foxtrot	•••••
G - Golf	•••••
H - Hotel	•••••
I - India	•••••
J - Juliet	•••••
K - Kilo	•••••
L - Lima	•••••
M - Mike	•••••
N - November	•••••
O - Oscar	•••••
P - Papa	•••••
Q - Quebec	•••••
R - Romeo	•••••
S - Sierra	•••••
T - Tango	•••••
U - Uniform	•••••
V - Victor	•••••
W - Whiskey	•••••
X - X-ray	•••••
Y - Yankee	•••••
Z - Zulu	•••••

Xpndr Req

Transponder ON while in controlled airspace.

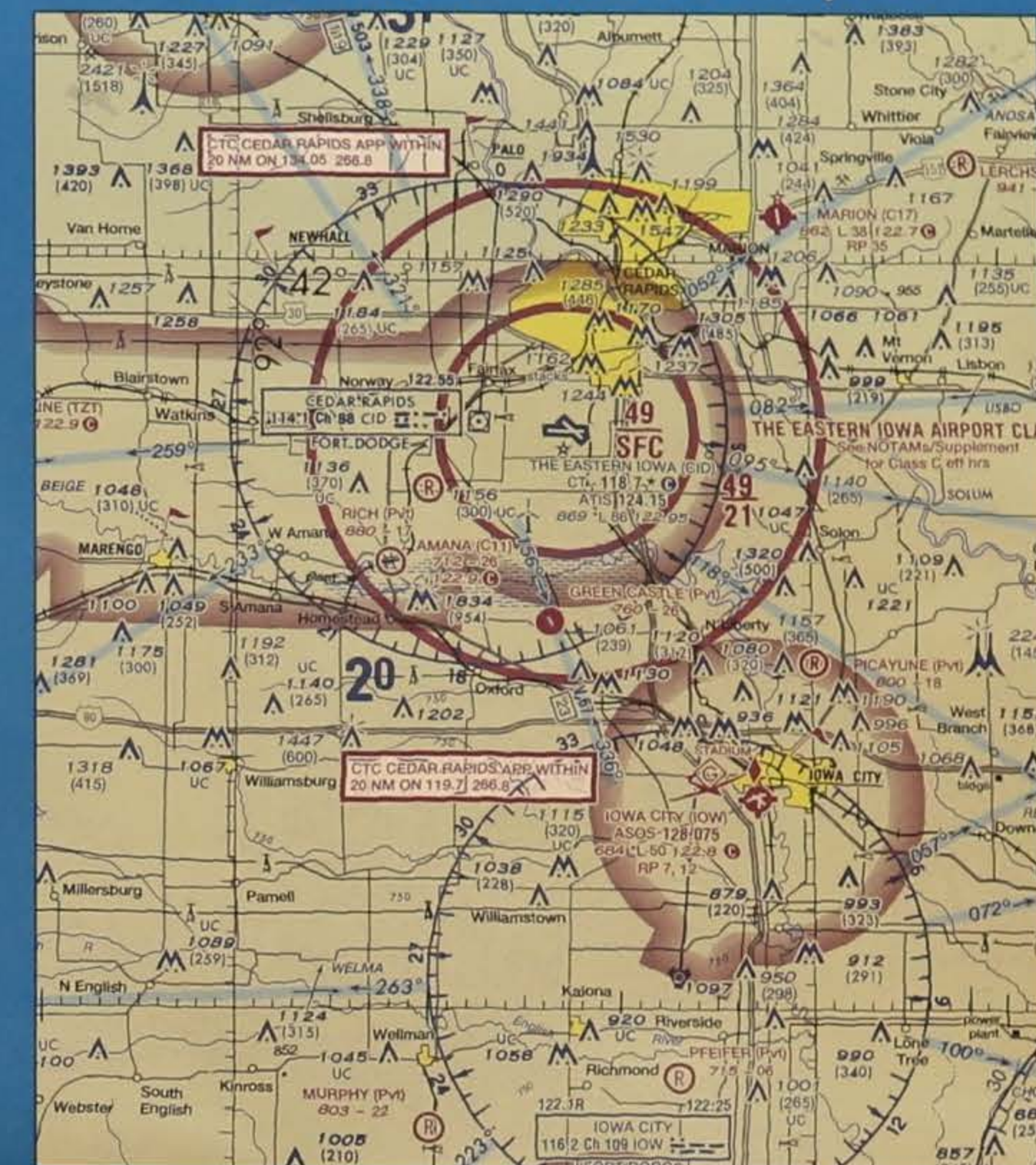
Mode C Required When:

- Above 10,000'
- In and above Class C
- In and above near Class B

Des Moines Class C Airspace



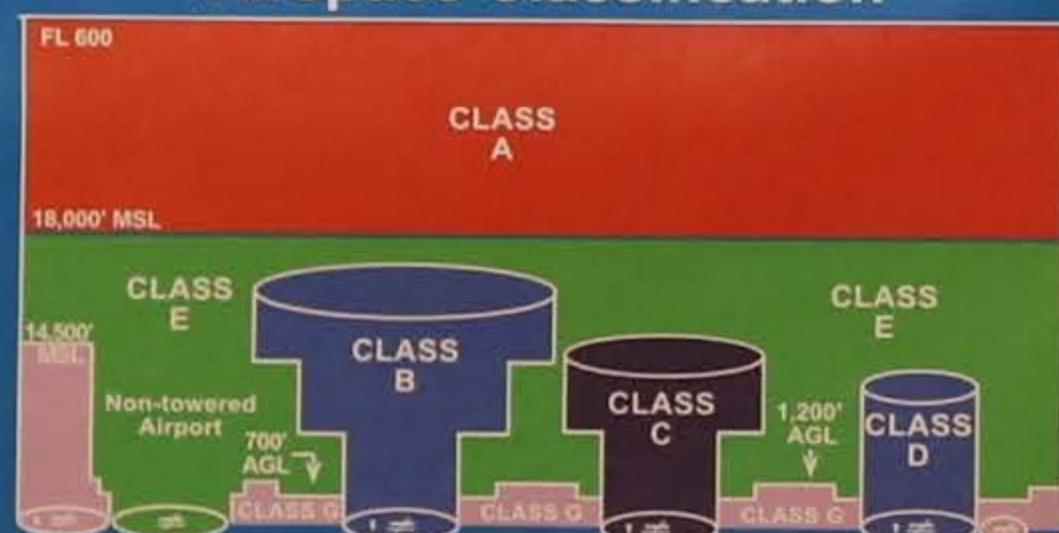
Cedar Rapids Class C Airspace



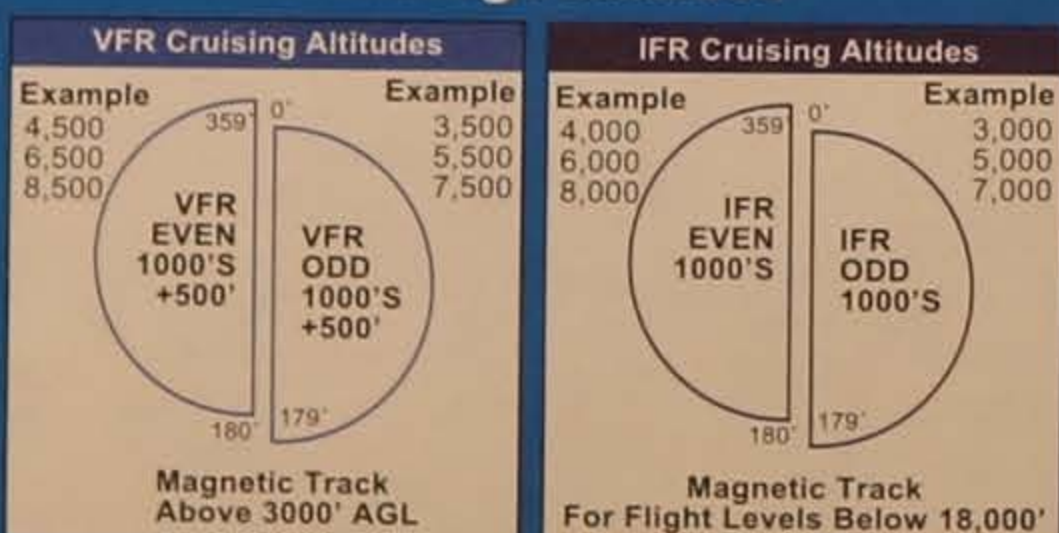
Special Equipment Suffix

SUFFIX	EQUIPMENT
/X	No Transponder
/T	Transponder (No Mode C)
/U	Transponder (Mode C)
/D	No Transponder
/B	Transponder (No Mode C)
/A	Transponder (Mode C)
/M	TACAN Only
/N	Transponder (No Mode C)
/P	Transponder (Mode C)
/Y	RNAV
/G	LORAN, VOR/DME, or INS with no transponder
/I	LORAN, VOR/DME, or INS with transponder (No Mode C)
/L	LORAN, VOR/DME, or INS with transponder (Mode C)
/E	Advanced RNAV (With Transponder)
/F	Flight Management System (FMS) with DME/DME and IRU position updating
/G	Global Navigation Satellite System (GNSS), including GPS or WAAS, with enroute and terminal capability
/R	Required Navigational Performance. The aircraft meets the RNP type prescribed for the route segment(s), route(s) and/or area concerned.
/J	Reduced Vertical Separation (RVSM)
/K	F with RVSM
/Q	R with RVSM
/W	RVSM

Airspace Classification



Cruising Altitudes



Light Gun Signals

COLOR AND TYPE OF SIGNAL	ON THE GROUND	IN FLIGHT
Steady Green	Cleared for takeoff	Cleared to land
Flashing Green	Cleared for taxi	Return for landing
Steady Red	Stop	Give way to aircraft and continue circling
Flashing White	Return to starting point on airport	No assigned meaning
Alt. Red and Green	General Warning	General Warning

Time Conv

Time Conversion to UTC (Z)

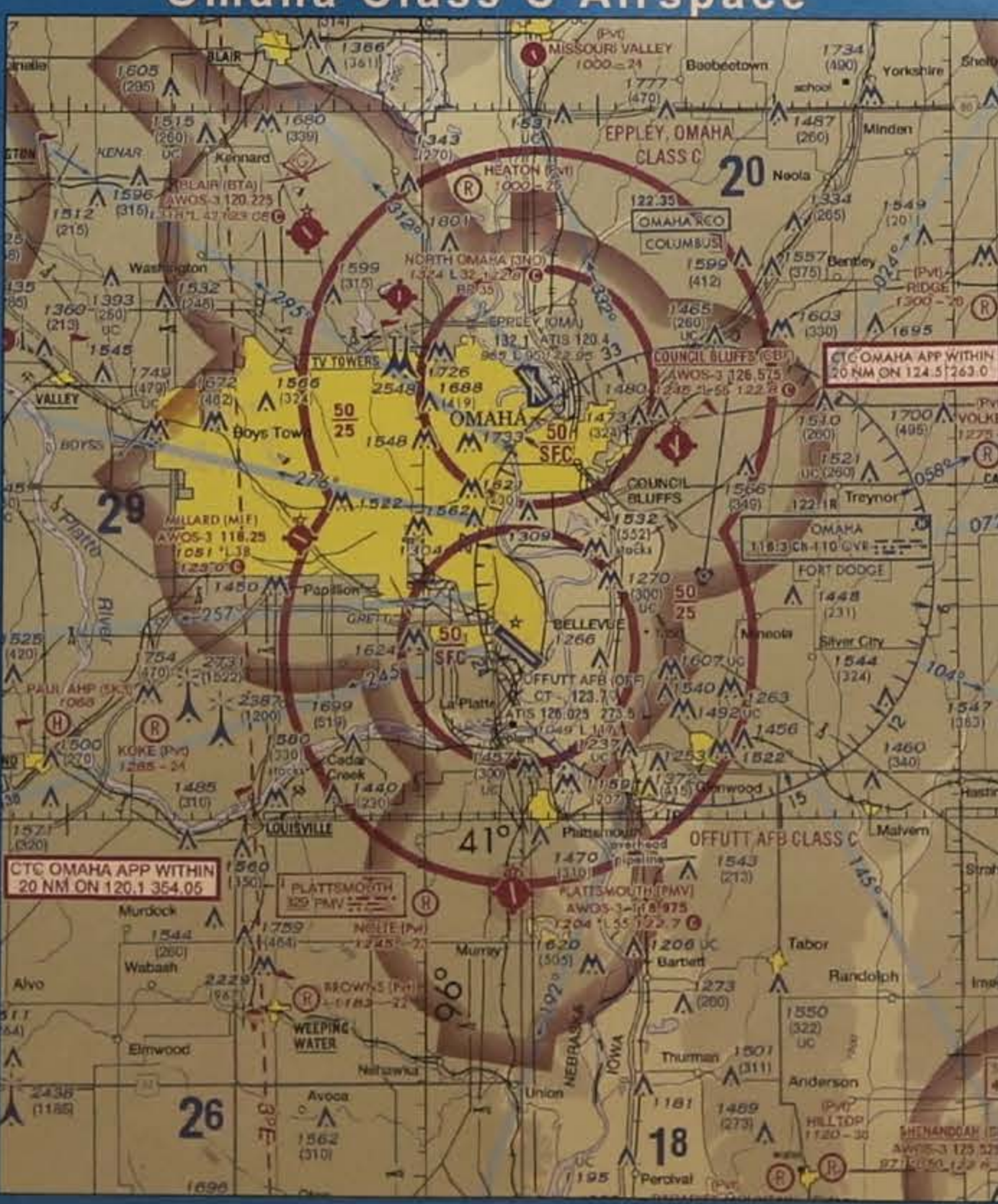
EDT	+4
EST	+5
CDT	+5
CST	+6

MDT	+6
MST	+7
PDT	+7
PST	+8

Gnd Spd

Second/Statute Mile	KPH (Statute Miles/Hr)	Knots (Nautical Miles/Hr)
15	240	209
16	225	196
18	200	174
19	190	165
20	180	155
21	171	149
22	164	143
23	157	137
24	150	130
25	144	125
26	138	120
27	133	116
28	129	112
29	124	108
30	120	104
31	116	101
32	113	98
33	109	95
34	106	92
35	103	89
36	100	87
37	97	84
38	95	82
39	92	80
40	90	78
41	88	76
43	83	73
45	80	70
47	76	67
49	73	63
51	71	62
55	66	57

Omaha Class C Airspace



Moline Class C Airspace



VFR Transponder Codes

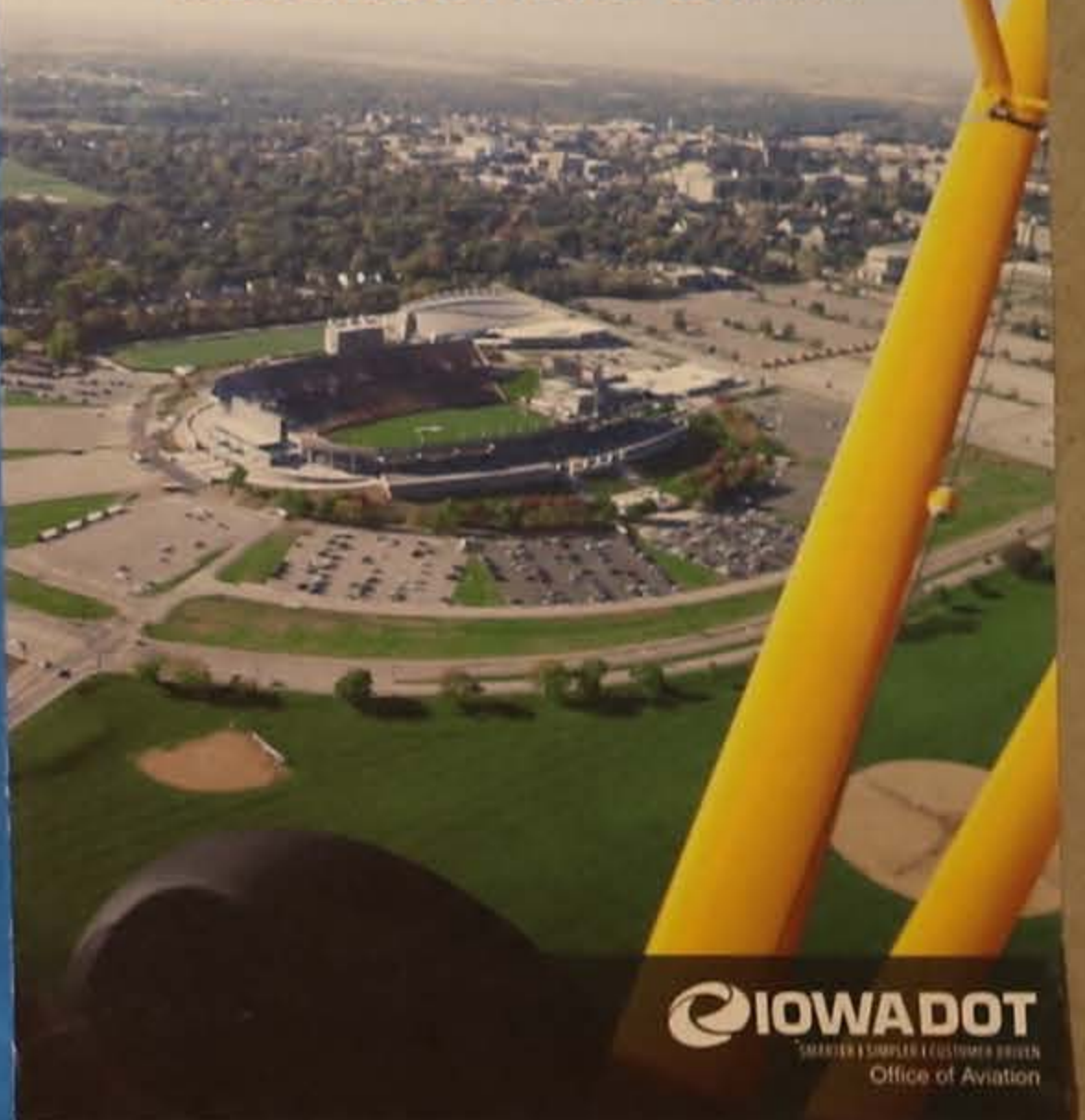
OPERATION	CODE
VFR	1200
Radio Failure (See AIM)	7600
Hijack	7500
EMERGENCY	7700

To Obtain Copies of This Chart

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, IA 50010
515-239-1468
<http://www.iowadot.gov/aviation/news/directorychart.aspx>

IOWA

2017-2018
AERONAUTICAL CHART



This aeronautical chart of Iowa's air transportation system displays all public-use airports throughout the state. It also provides flight planning information for pilots and depictions of Class C airports in the state and near its borders.

The chart has an accompanying airport directory that provides technical information for public-use airports in Iowa. Charts and directories are available at no charge through your local airport, or by contacting the Iowa DOT Office of Aviation.

The chart is developed primarily for planning purposes and should not be used for navigation. Information on the chart was accurate at the time of publishing, but due to our constantly changing environment, we strongly urge everyone to refer to current U.S. government information including current navigational charts, NOTAMS, and Flight Service Station briefings prior to any flight.

Iowa is a great place to fly! Enjoy your time in the air and at the great airports throughout the state. Join us on Facebook at www.facebook.com/iowaDOTaviation, or visit our website at www.iowadot.gov/aviation for more information on aviation activities and programs in Iowa.

Fly safe!
Office of Aviation

Iowa Department of Transportation
800 Lincoln Way
Ames, Iowa 50010

515-239-1468
www.iowadot.gov/aviation



Location	Identifier	Freq (kHz)	Location	Identifier	Freq (kHz)
Algona	KLGA	1600	Fort Dodge	KWMT	540
Ames	K4SI	1430	Grinnell	KGRN	1410
Atlantic	KJAN	1220	Independence	KONG	1220
Boone	KWBG	1590	Iowa City	KCJL	1630
Boone	KFFF	1260	Iowa City	KXIC	800
Burlington	KBBK	1360	Iowa Falls	KIFG	1510
Burlington	KBUR	1490	Keokuk	KOKX	1310
Burlington	KPCS	1150	Knoxville	KNIA	1320
Carroll	KCIM	1380	LeMars	KLEM	1410
Cedar Falls	KCNZ	1250	Marshalltown	KDAO	1190
Cedar Falls	KDNZ	1650	Marshalltown	KFJB	1230
Cedar Rapids	KCRG	1600	Mason City	KGLB	1300
Cedar Rapids	KMRV	1450	Mason City	KRIB	1310
Cedar Rapids	WMT	600	Mount Pleasant	KML	1130
Centerville	KCOG	1400	Muscatine	KWPC	860
Charles City	KCHA	1580	Newton	KCOB	1280
Cherokee	KCHE	1440	Oelwein	KOEL	950
Clinton	KCLN	1390	Oskaloosa	KBOE	740
Clinton	KROS	1340	Ottumwa	KBIZ	1240
Council Bluffs	KLNG	1560	Ottumwa	KLEE	1480
Creston	KSIB	1520	Perry	KDLS	1310
Davenport	KJOC	1170	Red Oak	KOAS	1080
Davenport	WFXN	1230	Sheldahl	KIWA	1550
Davenport	WOC	1420	Sioux Center	K960	960
Decorah	KDEC	1240	Sioux City	KSOU	1090
Denison	KDPS	1530	Sioux City	KLEM	1410
Des Moines	KBBG	1700	Sioux City	KMNS	620
Des Moines	KXNO	1460	Sioux City	KSCJ	1360
Des Moines	KRNT	1350	Sioux City	KWSL	1470
Des Moines	KWY	1150	Spencer	KICD	1240
Des Moines	KPSZ	940	Storm Lake	KAYL	990
Des Moines	WHO	1040	Washington	KCII	1380
Dubuque	KDTH	1370	Waterloo	KWLO	1330
Dubuque	WBQB	1490	Waterloo	KELP	1540
Elkader	KADR	1400	Waukon	KHBP	1160
Estherville	KILR	1070	Waverly	KWAY	1470
Fairfield	KMCD	1570	Webster City	KQWC	1570
Fort Dodge	KVFD	1400			

Source: 2015 Iowa Broadcasters Association Directory

This is a detailed aeronautical sectional chart of the central United States, specifically covering Iowa, Missouri, and Nebraska. The chart is oriented with North at the top. It features a dense network of airports, navigational aids, and communication frequencies. Major cities like Des Moines, Omaha, and Lincoln are highlighted. The chart includes various symbols for terrain, obstructions, and communication services. A scale bar at the top indicates distances in nautical miles and statute miles. The chart is labeled with "CRYPT NORTH MOA", "CRYPT CENTRAL MOA", and "CRYPT SOUTH MOA" in the upper left quadrant. A legend at the bottom left explains symbols for "FOR FLIGHTS AT AND BELOW 5000' MSL. SEE OMAHA VFR SECTIONAL CHART".