

PO Box 8000, Waterloo, Iowa 50704, Attn: Yolanda Robinson  
United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
RADIOSTATION CONSTRUCTION PERMIT  
AND LICENSE

EXPERIMENTAL  
(Nature of Service)

KK2XGE  
(Call Sign)

XD FX  
(Class of station)

8264-EX-R-91  
(File number)

NAME DEERE & COMPANY

Waterloo (Black Hawk) Iowa - Lat. 42 28 02 N; Long. 92 26 20 W.  
(Location of station)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications.

Frequency	Authorized Power (watts)	Emission Designator
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SEE ATTACHED SHEETS

Operation: In accordance with Sec. 5.202(e) of the Commission's

Special Conditions:

- (1) The frequency 6000 kHz shall be operated during the hours of 0800-2200 GMT.
- (2) Operation on frequency 167 MHz are subject to prior coordination with Mr. Pat Roark, Department of Treasury, Phone (312) 886-0736 prior to activation.
- (3) Operation On 400 MHz is subject to coordination with Jim Bailey, Suitland, Maryland (301) 763-4680

This authorization effective February 1, 1992 and  
will expire 3:00 A.M. EST February 1, 1994

FEDERAL  
COMMUNICATIONS  
COMMISSION

Frequency (kHz)	Authorized Power (watts)	Emission Designator
14	1000 (ERP)	NON/2K00A2N
50	1000 (ERP)	NON/2K00A2N
75	1000 (ERP)	NON/2K00A2N
120	1000 (ERP)	NON/2K00A2N
511	1000 (ERP)	NON/2K00A2N
700	1000 (ERP)	NON/2K00A2N
900	1000 (ERP)	NON/2K00A2N
1000	1000 (ERP)	NON/2K00A2N
1900	1000 (ERP)	NON/2K00A2N
2000	1000 (ERP)	NON/2K00A2N
2600	1000 (ERP)	NON/2K00A2N
4000	1000 (ERP)	NON/2K00A2N
5100	1000 (ERP)	NON/2K00A2N
6000	1000 (ERP)	NON/2K00A2N
7000	1000 (ERP)	NON/2K00A2N
8000	1000 (ERP)	NON/2K00A2N
11000	1000 (ERP)	NON/2K00A2N
12000	1000 (ERP)	NON/2K00A2N
14000	1000 (ERP)	NON/2K00A2N
16000	1000 (ERP)	NON/2K00A2N
19000	1000 (ERP)	NON/2K00A2N
21000	1000 (ERP)	NON/2K00A2N
22000	1000 (ERP)	NON/2K00A2N
23000	1000 (ERP)	NON/2K00A2N
24000	1000 (ERP)	NON/2K00A2N
26965	5 (output)	NON/100HA1A/2K00A2N
26975	5 (output)	NON/100HA1A/2K00A2N
26985	5 (output)	NON/100HA1A/2K00A2N
26995	5 (output)	NON/100HA1A/2K00A2N
27005	5 (output)	NON/100HA1A/2K00A2N
27015	5 (output)	NON/100HA1A/2K00A2N
27025	5 (output)	NON/100HA1A/2K00A2N
27035	5 (output)	NON/100HA1A/2K00A2N
27045	5 (output)	NON/100HA1A/2K00A2N
27055	5 (output)	NON/100HA1A/2K00A2N
27065	5 (output)	NON/100HA1A/2K00A2N
27075	5 (output)	NON/100HA1A/2K00A2N
27085	5 (output)	NON/100HA1A/2K00A2N
27095	5 (output)	NON/100HA1A/2K00A2N
27105	5 (output)	NON/100HA1A/2K00A2N
27115	5 (output)	NON/100HA1A/2K00A2N
27125	5 (output)	NON/100HA1A/2K00A2N
27135	5 (output)	NON/100HA1A/2K00A2N
27145	5 (output)	NON/100HA1A/2K00A2N
27155	5 (output)	NON/100HA1A/2K00A2N

Frequency (kHz)	Authorized Power (watts)	Emission Designator
27165	5 (output)	N0N/100HA1A/2K00A2N
27175	5 (output)	N0N/100HA1A/2K00A2N
27185	5 (output)	N0N/100HA1A/2K00A2N
27195	5 (output)	N0N/100HA1A/2K00A2N
27205	5 (output)	N0N/100HA1A/2K00A2N
27215	5 (output)	N0N/100HA1A/2K00A2N
27225	5 (output)	N0N/100HA1A/2K00A2N
27235	5 (output)	N0N/100HA1A/2K00A2N
27245	5 (output)	N0N/100HA1A/2K00A2N
27255	5 (output)	N0N/100HA1A/2K00A2N
27265	5 (output)	N0N/100HA1A/2K00A2N
27275	5 (output)	N0N/100HA1A/2K00A2N
27285	5 (output)	N0N/100HA1A/2K00A2N
27295	5 (output)	N0N/100HA1A/2K00A2N
72305	5 (output)	N0N/100HA1A/2K00A2N
27315	5 (output)	N0N/100HA1A/2K00A2N
27325	5 (output)	N0N/100HA1A/2K00A2N
27335	5 (output)	N0N/100HA1A/2K00A2N
27345	5 (output)	N0N/100HA1A/2K00A2N
27355	5 (output)	N0N/100HA1A/2K00A2N
27365	5 (output)	N0N/100HA1A/2K00A2N
27375	5 (output)	N0N/100HA1A/2K00A2N
27385	5 (output)	N0N/100HA1A/2K00A2N
27395	5 (output)	N0N/100HA1A/2K00A2N
27405	5 (output)	N0N/100HA1A/2K00A2N
28000	2000 (ERP)	N0N/100HA1A/2K00A2N
 (MHz)		
30	2000 (ERP)	N0N/100HA1A/2K00A2N
31	2000 (ERP)	N0N/100HA1A/2K00A2N
32	2000 (ERP)	N0N/100HA1A/2K00A2N
33	2000 (ERP)	N0N/100HA1A/2K00A2N
34	2000 (ERP)	N0N/100HA1A/2K00A2N
35	2000 (ERP)	N0N/100HA1A/2K00A2N
36	2000 (ERP)	N0N/100HA1A/2K00A2N
37	2000 (ERP)	N0N/100HA1A/2K00A2N
40	2000 (ERP)	N0N/100HA1A/2K00A2N
41	2000 (ERP)	N0N/100HA1A/2K00A2N
42	2000 (ERP)	N0N/100HA1A/2K00A2N
43	2000 (ERP)	N0N/100HA1A/2K00A2N
44	2000 (ERP)	N0N/100HA1A/2K00A2N
45	2000 (ERP)	N0N/100HA1A/2K00A2N
46	2000 (ERP)	N0N/100HA1A/2K00A2N
47	2000 (ERP)	N0N/100HA1A/2K00A2N
48	2000 (ERP)	N0N/100HA1A/2K00A2N
49	2000 (ERP)	N0N/100HA1A/2K00A2N

Frequency (MHz)	Authorized Power (watts)	Emission Designator
50	2000 (ERP)	NON/100HA1A/2K00A2N
51	2000 (ERP)	NON/100HA1A/2K00A2N
52	2000 (ERP)	NON/100HA1A/2K00A2N
53	2000 (ERP)	NON/100HA1A/2K00A2N
60-72	2000 (ERP)	NON/2K00A2N
76-88	2000 (ERP)	NON/2K00A2N
138	2000 (ERP)	NON/2K00A2N
142	2000 (ERP)	NON/2K00A2N
144	2000 (ERP)	NON/2K00A2N
145	2000 (ERP)	NON/2K00A2N
148	2000 (ERP)	NON/2K00A2N
149	2000 (ERP)	NON/2K00A2N
150	2000 (ERP)	NON/2K00A2N
151	2000 (ERP)	NON/2K00A2N
152	2000 (ERP)	NON/2K00A2N
153	2000 (ERP)	NON/2K00A2N
154	2000 (ERP)	NON/2K00A2N
155	2000 (ERP)	NON/2K00A2N
156	2000 (ERP)	NON/2K00A2N
157	2000 (ERP)	NON/2K00A2N
158	2000 (ERP)	NON/2K00A2N
159	2000 (ERP)	NON/2K00A2N
160	2000 (ERP)	NON/2K00A2N
161	2000 (ERP)	NON/2K00A2N
162	2000 (ERP)	NON/2K00A2N
163	2000 (ERP)	NON/2K00A2N
164	2000 (ERP)	NON/2K00A2N
165	2000 (ERP)	NON/2K00A2N
166	2000 (ERP)	NON/2K00A2N
167	2000 (ERP)	NON/2K00A2N
168	2000 (ERP)	NON/2K00A2N
171	2000 (ERP)	NON/2K00A2N
180-186	2000 (ERP)	NON/100HA1A/30K0P0N
192-225	2000 (ERP)	NON/100HA1A/30K0P0N
250	2000 (ERP)	NON/100HA1A/30K0P0N
300	2000 (ERP)	NON/100HA1A/30K0P0N
350	2000 (ERP)	NON/100HA1A/30K0P0N
400	2000 (ERP)	NON/100HA1A/30K0P0N
415	2000 (ERP)	NON/100HA1A/30K0P0N
420-450	2000 (ERP)	NON/100HA1A/30K0P0N
451	2000 (ERP)	NON/100HA1A/30K0P0N
452	2000 (ERP)	NON/100HA1A/30K0P0N
453	2000 (ERP)	NON/100HA1A/30K0P0N
455	2000 (ERP)	NON/100HA1A/30K0P0N
456	2000 (ERP)	NON/100HA1A/30K0P0N
457	2000 (ERP)	NON/100HA1A/30K0P0N
458	2000 (ERP)	NON/100HA1A/30K0P0N

frequency (MHz)	AUTHORIZED Power (watts)	EMISSION Designator
460	2000 (ERP)	NON/100HA1A/30KOP0N
461	2000 (ERP)	NON/100HA1A/30KOP0N
462	2000 (ERP)	NON/100HA1A/30KOP0N
463	2000 (ERP)	NON/100HA1A/30KOP0N
464	2000 (ERP)	NON/100HA1A/30KOP0N
465	2000 (ERP)	NON/100HA1A/30KOP0N
466	2000 (ERP)	NON/100HA1A/30KOP0N
467	2000 (ERP)	NON/100HA1A/30KOP0N
468	2000 (ERP)	NON/100HA1A/30KOP0N
469	2000 (ERP)	NON/100HA1A/30KOP0N
470-578	2000 (ERP)	NON/100HA1A/30KOP0N
584-608	2000 (ERP)	NON/100HA1A/30KOP0N
614-776	2000 (ERP)	NON/100HA1A/30KOP0N
782-902	2000 (ERP)	NON/100HA1A/30KOP0N
905	2000 (ERP)	NON/100HA1A/30KOP0N
910	2000 (ERP)	NON/100HA1A/30KOP0N
915	2000 (ERP)	NON/100HA1A/30KOP0N
920	2000 (ERP)	NON/100HA1A/30KOP0N
925	2000 (ERP)	NON/100HA1A/30KOP0N
928-960	2000 (ERP)	NON/100HA1A/30KOP0N