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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MEMORIAL HEALTH SYSTEMS

ATTN: DREW EARLY
MEMORIAL HEALTH SYSTEMS
701 NORTH FIRST STREET
SPRINGFIELD, IL 62702

Call Sign WQZN561	File Number
Radio Service YG - Industrial/Business Pool, Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0025024951

Grant Date 06-19-2017	Effective Date 01-14-2021	Expiration Date 06-19-2027	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 701 NORTH FIRST STREET
City: SPRINGFIELD County: SANGAMON State: IL
Lat (NAD83): 39-48-34.0 N Long (NAD83): 089-39-21.1 W ASR No.: Ground Elev: 180.0
- Loc. 2** Address: 644 N 2ND
City: SPRINGFIELD County: SANGAMON State: IL
Lat (NAD83): 39-48-34.0 N Long (NAD83): 089-39-08.8 W ASR No.: Ground Elev: 182.0
- Loc. 3** Address: 2401 W. JEFFERSON
City: SPRINGFIELD County: SANGAMON State: IL
Lat (NAD83): 39-48-46.6 N Long (NAD83): 089-41-42.7 W ASR No.: Ground Elev: 174.0
- Loc. 4** Address: 3132 OLD JACKSONVILLE ROAD
City: SPRINGFIELD County: SANGAMON State: IL
Lat (NAD83): 39-47-06.1 N Long (NAD83): 089-42-52.5 W ASR No.: Ground Elev: 184.0
- Loc. 5** Area of operation
Operating within a 32.0 km radius around fixed location 1
- Loc. 7** Area of operation
Operating within a 32.0 km radius around fixed location 3
- Loc. 8** Area of operation
Operating within a 32.0 km radius around fixed location 4

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: MEMORIAL HEALTH SYSTEMS

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Fixed Location Address or Mobile Area of Operation

Loc. 9 Area of operation

Land Mobile Control Station meeting the 6.1 Meter Rule: SANGAMON county, IL

Loc. 10 Area of operation

Operating within a 13.0 km radius around fixed location 1

Loc. 11 Address: 200 STAHLHUT DRIVE

City: LINCOLN County: LOGAN State: IL

Lat (NAD83): 40-09-17.7 N Long (NAD83): 089-23-26.4 W ASR No.: Ground Elev: 178.0

Loc. 12 Area of operation

Operating within a 32.0 km radius around fixed location 11

Loc. 13 Address: 201 E PLEASANT ST

City: TAYLORVILLE County: CHRISTIAN State: IL

Lat (NAD83): 39-33-21.7 N Long (NAD83): 089-17-36.3 W ASR No.: Ground Elev: 187.0

Loc. 14 Area of operation

Operating within a 32.0 km radius around fixed location 13

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000460.66875000	FB8	1		4K00F1D 4K00F1E	50.000	41.600	39.6	51.5	06-19-2018
1	1	000461.35000000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	51.5	06-19-2018
1	1	000461.85625000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	51.5	06-19-2018
1	1	000462.50625000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	51.5	06-19-2018
2	1	000460.79375000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	9.2	22.6	06-19-2018
3	1	000461.63125000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	24.4	26.0	06-19-2018
4	1	000462.11875000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	12.2	22.4	06-19-2018
5	1	000461.35000000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018

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5	1	000466.35000000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
5	1	000461.85625000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
5	1	000466.85625000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
5	1	000462.50625000	MO8	525		4K00F1D 4K00F1E	25.000	6.000			06-19-2018
5	1	000467.50625000	MO8	525		4K00F1D 4K00F1E	25.000	6.000			06-19-2018
7	1	000461.63125000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
7	1	000466.63125000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
8	1	000462.11875000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
8	1	000467.11875000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			06-19-2018
9	1	000466.35000000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000466.85625000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000467.50625000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000466.63125000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000467.11875000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			

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Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
9	1	000456.03125000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000457.01875000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000456.22500000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
9	1	000458.01875000	FX1	10		4K00F1D 4K00F1E	25.000	50.000			
10	1	000465.79375000	MO8	525		4K00F1D 4K00F1E	25.000	6.000			06-19-2018
10	1	000460.66875000	MO8	525		4K00F1D 4K00F1E	25.000	6.000			06-19-2018
10	1	000465.66875000	MO8	525		4K00F1D 4K00F1E	25.000	6.000			06-19-2018
10	1	000460.79375000	MO8	525		4K00F1D 4K00F1E	25.000	6.000			06-19-2018
11	1	000451.03125000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	42.9	05-21-2020
11	1	000452.01875000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	42.9	05-21-2020
12	1	000451.03125000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			05-21-2020
12	1	000456.03125000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			05-21-2020
12	1	000452.01875000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			05-21-2020
12	1	000457.01875000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			05-21-2020

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Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
13	1	000451.22500000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	45.9	01-14-2022
13	1	000453.01875000	FB8	1		4K00F1D 4K00F1E	50.000	50.000	39.6	45.9	01-14-2022
14	1	000451.22500000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			01-14-2022
14	1	000456.22500000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			01-14-2022
14	1	000453.01875000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			01-14-2022
14	1	000458.01875000	MO8	525		4K00F1D 4K00F1E	25.000	50.000			01-14-2022

Control Points

Control Pt. No. 1

Address: 701 NORTH FIRST STREET

City: SPRINGFIELD **County:** SANGAMON **State:** IL **Telephone Number:** (217)588-3739

Associated Call Signs

<NA>

Waivers/Conditions:

NONE