



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

*Tag File from
Correspondence*

Authorizing Official:

Official Mailing Address:

BENJAMIN L. STRATEMEYER

#2 MAGNOLIA DRIVE

CENTRALIA IL 62801

James D. Brashaw
James D. Brashaw

Assistant Chief

Audio Services Division

Mass Media Bureau

Grant Date: **MAR 31 2000**

This license expires 3:00 a.m.
local time, December 01, 2004.

Facility Id: 4738

Call Sign: WXAJ

License File Number: BLH-19990806KC

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee: BENJAMIN L. STRATEMEYER

Station Location: IL-HILLSBORO

Frequency (MHz): 99.7

Channel: 259

Class: B

Hours of Operation: Unlimited

Callsign: WXAJ

License No.: BLH-19990806KC

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 17.5 kW

Antenna type: (directional or non-directional): Directional

Description: ERI LP-8C-DA-HW-SP, 8- BAY, CIRCULARLY POL.

Antenna Coordinates: North Latitude: 39 deg 21 min 12 sec

West Longitude: 89 deg 31 min 53 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	50	50
Height of radiation center above ground (Meters):	149	149
Height of radiation center above mean sea level (Meters):	341	341
Height of radiation center above average terrain (Meters):	150	150

Antenna structure registration number: 1061163

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

50 kilowatts.

Principal minima and their associated field strength limits:

245 degrees True: 11.0 kilowatts

- 3 ***** This is a Section 73.215 contour protection grant *****
***** as requested by this applicant *****

*** END OF AUTHORIZATION ***