



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RADIO LICENSE HOLDINGS LLC
3280 PEACHTREE ROAD, NW
SUITE 2300
ATLANTA GA 30305

Mary Houser
Supr Applications Examiner
Audio Division
Media Bureau

Facility Id: 70037

Call Sign: WMAL-FM

License File Number: BLH-19851021KC

Grant Date: August 15, 1986

This license expires 3:00 a.m.
local time, October 01, 1995.

This license covers Permit No.: BMPH-19850705ID

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.

Callsign: WMAL-FM

License No.: BLH-19851021KC

Name of Licensee: RADIO LICENSE HOLDINGS LLC

Station Location: VA-WOODBRIDGE

Frequency (MHz): 105.9

Channel: 290

Class: B

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Directional

Description: ODD ODD851021KC

Antenna Coordinates: North Latitude: 38 deg 52 min 28 sec

West Longitude: 77 deg 13 min 24 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	28.0	25.0
Height of radiation center above ground (Meters):	177	177
Height of radiation center above mean sea level (Meters):	287	287
Height of radiation center above average terrain (Meters):	198	198

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 210 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 ANTENNA: ALAN DICK LDFM-36-1 DA TWO SECTIONS CIRCULARLY POLARIZED SIDE-MOUNTED AT THE 177 METER LEVEL (C/R-AGL) ON A UNIFORM CROSS SECTION GUYED TOWER WITH T-BAR.

*** END OF AUTHORIZATION ***