Attachment to FCC Form 731
FCC ID: AQZ-MX-9325
Exhibit 13
Cover Letters

The following are scanned images of a letter and accompanying information sent to the Federal Aviation Administration on June 20, 2000, in accordance with § 87.147 (d) of the FCC Rules.

HARRIS

HARRIS CORPORATION

RF COMMUNICATIONS
1680 University Avenue
Rochester, New York 14610
telephone 716-244-5830

www.harris.com/communications

June 20, 2000

George Sakai
Federal Aviation Administration
Spectrum Engineering Division
800 Independence Ave. S.W.
Washington, D.C. 20591

Subject: Pending FCC Certification Approval
Harris Corporation, RF Communications Division – Model MX-9325

Dear Mr. Sakai,

In accordance with § 87.147 (d) of the FCC Rules, the RF Communications Division of Harris Corporation herewith declares to you its intention to pursue an Equipment Authorization under FCC Part 87. The equipment, to be authorized under a grant of Certification, is a multimode VHF transceiver for use in ground-to-air ACARS and VDL Mode 2 communications systems. The ACARS operating mode will utilize an AM, minimum shift keying (AM-MSK) modulation scheme, while Mode 2 will use an 8 phase differentially encoded phase shift keying (D8PSK) scheme.

Attached you will find a copy of the pertinent information that is included in our FCC submission. Please advise if you desire any further information regarding this product. You may contact me by telephone at (716) 242-3684, or via e-mail at cstoltz@harris.com.

Thank you in advance for your cooperation in clearing this product for approval.

Sincerely,

C. Joseph Stoltz III

C. Joseph Stoltz III
Senior Principal Engineer
Harris Corporation
RF Communications Division

next level solutions

Attachment to FAA Notification Letter

Harris Corporation FCC Application

FCC ID AQZ-MX-9325

The following information is being provided to the FAA Spectrum Engineering Division as an attachment to the letter of notification.

FCC Identification number: The FCC ID for this device will be AQZ-MX-9325, which will appear on the side of the transceiver in accordance with the FCC Rules.

Manufacturer and model number: The model number will be MX-9325, manufactured by Harris Corporation, RF Communications Division.

Rated transmitter output power: 5 to 25 watts carrier (AM-MSK) and 5 to 25 watts average (D8PSK). Power output is continuously variable over these ranges. Nominal antenna impedance is 50 ohms.

Frequency range: 118.000 to 136.975 MHz

Tuning method: Frequency synthesis

Channeling capability: 25 KHz channel spacing

Frequency stability: 1 ppm over the temperature range –20° to + 55° C.

Emission bandwidths: 25 KHz authorized bandwidths for both AM-MSK and D8PSK

Emission types: 13K0A2D for AM-MSK; 14K0G1D for D8PSK (VDL Mode 2)

Spectral emission plots: Supplied upon request