



UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

September 3, 2009

Via U.S. Mail and Facsimile

Ms. Anusha Kumar
Chief Executive Officer
AVIATION SURVEILLANCE SYSTEMS, INC.
7437 S. Eastern Avenue, #307
Las Vegas, Nevada 89123

Dear Ms. Kumar:

Your most recent Form 10-K, filed on October 29, 2008, includes financial statements audited by Moore and Associates Chartered ("Moore"). On August 27, 2009, the Public Company Accounting Oversight Board ("PCAOB") revoked the registration of Moore because of violations of PCAOB rules and auditing standards in auditing the financial statements, PCAOB rules and quality controls standards, and Section 10(b) of the Securities Exchange Act of 1934 and Rule 10b-5 thereunder, and noncooperation with a Board investigation. You can find a copy of the order at http://www.pcaobus.org/Enforcement/Disciplinary_Proceedings/2009/08-27_Moore.pdf

As Moore is no longer registered with the PCAOB, you may not include Moore's audit reports or consents in your filings with the Commission made on or after August 27, 2009. If Moore audited a year that you are required to include in your filings with the Commission, then you should engage a firm that is registered with the PCAOB to re-audit that year.

Please amend your Item 4.01 Form 8-K, filed on August 28, 2009, to disclose that the PCAOB revoked the registration of Moore on August 27, 2009 because of violations of PCAOB rules and auditing standards in auditing the financial statements, PCAOB rules and quality controls standards, and Section 10(b) of the Securities Exchange Act of 1934 and Rule 10b-5 thereunder, and noncooperation with a Board investigation.

If you are unable to obtain an amended Exhibit 16 letter from Moore at the time you file the amended Form 8-K, please disclose this fact in the amended Form 8-K.

Once you explain Moore's registration revocation in an Item 4.01 Form 8-K, you do not need to repeat this disclosure in your next Form 10-K.

Any amendment to Form 8-K should be filed within four business days of receipt of this letter. Please advise us as to how you intend to address any re-audit requirements

Ms. Anusha Kumar
Aviation Surveillance Systems, Inc.
September 3, 2009
Page 2

no later than September 17, 2009. If you have any questions, please contact Beverly A. Singleton, Staff Accountant, at (202) 551-3328.

Sincerely,

Joe A. Foti
Senior Assistant Chief Accountant