

## EXHIBIT A

| No. | Item                              | Description                                                                                                                                                                                                                                                                                                                                         |
|-----|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Name and Address                  | Colorado Satellite Services<br>45777 Rampart Rd.<br>Parker, CO 80138-4316                                                                                                                                                                                                                                                                           |
| 2.  | Need for Special Action           | Short duration test transmissions.                                                                                                                                                                                                                                                                                                                  |
| 3.  | Type of Operation to be Conducted | Digital Packet Data Relay                                                                                                                                                                                                                                                                                                                           |
| 4.  | Purpose of Operation              | Test and measure operational characteristics of satellite ground station equipment for satellites awaiting launch.<br>Demonstration of operation for educational purposes to cadets in the Astronautics program at USAFA.<br><br>Prepare stations for operation of experimental and science satellites built at USAFA and under contract for USAFA. |
| 5.  | Dates of Proposed Operation       | 1 September 1999 to 1 February 2000                                                                                                                                                                                                                                                                                                                 |
| 6a. | Class of Station                  | Fixed Ground Station with directional beam antenna<br>Fixed Ground Station with low gain antenna                                                                                                                                                                                                                                                    |
| 6b. | Call Sign of Station              | To be determined by FCC, else CSS proposes CSS-1 and CSS-2                                                                                                                                                                                                                                                                                          |
| 6c. | Nature of Service                 | Non-Voice, Non-Geosynchronous Mobile Satellite Service                                                                                                                                                                                                                                                                                              |
| 7.  | Location of Proposed Operation    | USAF Academy, Colorado<br>Parker, Colorado                                                                                                                                                                                                                                                                                                          |
| 8.  | Equipment to be Used              | Special VHF Transmitters built by CSS, Kenwood 970 transmitter modified for operation on these frequencies.                                                                                                                                                                                                                                         |
| 9.  | Frequencies Desired               | 149.8225 MHz and 149.8475 MHz on HealthSat-II<br>148.585 MHz and 148.285 MHz on PoSAT-1<br><br>148.015 MHz and 148.030 MHz for Falconsat-1<br>148.025 MHz and 148.050 MHz for PICOSAT<br><br>149.715 MHz for S80/T<br><br>149.325 MHz and 149.475 MHz for FASAT-B                                                                                   |
| 10. | Output Power                      | Adjustable from 5 Watt to 50 Watts.                                                                                                                                                                                                                                                                                                                 |
| 11. | Type of Emission                  | 16K0F1D<br>FM modulation with Gaussian Minimum Shift Keying (GMSK) and G3RUH keying at 9600 BPS data rate                                                                                                                                                                                                                                           |
| 12. | Height of Antenna Structure       | 10 feet at both stations                                                                                                                                                                                                                                                                                                                            |