

FCC Form 442 - Application for New License

Airbus DS Government Solutions, Inc.

Exhibit 1 - Antennas

| Manufacturer | Model Number | # of Units | Experimental | Freq. Band | 3dB BW (deg.) | 3dB BW (deg.) |
|--------------------------------------|---------------------|-------------------|---------------------|-------------------|----------------------|----------------------|
| Airbus DS Government Solutions, Inc. | Ranger1000 | 2 | No | X-Band | RHCP 2.5 | |
| Airbus DS Government Solutions, Inc. | Ranger1000 | 2 | No | Ka-Band | RHCP 0.7 | LHCP 0.7 |
| Airbus DS Government Solutions, Inc. | Ranger1000 | 2 | No | Ku-Band | HOR 1.5 | VERT 1.5 |
| Airbus DS Government Solutions, Inc. | Ranger1200 | 2 | No | X-Band | RHCP 2.1 | |
| Airbus DS Government Solutions, Inc. | Ranger1200 | 2 | No | Ka-Band | RHCP 0.6 | LHCP 0.6 |
| Airbus DS Government Solutions, Inc. | Ranger1200 | 2 | No | Ku-Band | HOR 1.1 | VERT 1.1 |
| Airbus DS Government Solutions, Inc. | Ranger1500 | 2 | No | X-Band | RHCP 1.7 | |
| Airbus DS Government Solutions, Inc. | Ranger1500 | 2 | No | Ka-Band | RHCP 0.5 | LHCP 0.5 |
| Airbus DS Government Solutions, Inc. | Ranger1500 | 2 | No | Ku-Band | HOR 1.0 | VERT 1.0 |
| Airbus DS Government Solutions, Inc. | Ranger1800 | 2 | No | C-Band | RHCP 1.9 | LHCP 1.9 |
| Airbus DS Government Solutions, Inc. | Ranger1800 | 2 | No | X-Band | RHCP 1.4 | |
| Airbus DS Government Solutions, Inc. | Ranger1800 | 2 | No | Ku-Band | HOR 0.8 | VERT 0.8 |
| Airbus DS Government Solutions, Inc. | Ranger1800 | 2 | No | Ka-Band | RHCP 0.4 | LHCP 0.4 |
| Airbus DS Government Solutions, Inc. | Ranger2400 | 2 | No | C-Band | RHCP 1.4 | LHCP 1.4 |
| Airbus DS Government Solutions, Inc. | Ranger2400 | 2 | No | X-Band | RHCP 1.2 | |
| Airbus DS Government Solutions, Inc. | Ranger2400 | 2 | No | Ka-Band | RHCP 0.3 | LHCP 0.3 |
| Airbus DS Government Solutions, Inc. | Ranger2400 | 2 | No | Ku-Band | HOR. 0.7 | VERT 0.7 |
| Airbus DS Government Solutions, Inc. | RCT4m | 2 | No | X-Band | RHCP 0.6 | |
| Airbus DS Government Solutions, Inc. | RCT4m | 2 | No | Ku-Band | HOR 0.4 | VERT 0.4 |
| Airbus DS Government Solutions, Inc. | RCT4m | 2 | No | Ka-Band | RHCP 0.2 | LHCP 0.2 |

Note: Each Antenna Model is Multiband capable with quick-change feeds that allow for easy Frequency Band switching. This Application is for Quantity (2) of each Antenna Model