Fixed Location Exhibit

Station Location

City	State	Latitude	Longitude	Mobile	Radius of Operation
Falls Church	Virginia	38° 51' 9.36" N	77° 8' 3.479" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 30° Sector 2 : 104° Sector 3: 297°

(c) Orientation in vertical plane: 3° downtilt in each sector

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters: 45.72

(b) Elevation of ground at antenna site above mean sea level in meters: 77.72

(c) Distance to nearest aircraft landing area in kilometers: 10

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None

City	State	Latitude	Longitude	Mobile	Radius of Operation
Falls Church	Virginia	38° 51' 51.119" N	77° 8' 13.199" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 10° Sector 2 : 150° Sector 3: 280°

(c) Orientation in vertical plane: 2° downtilt in each sector

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters: 33

(b) Elevation of ground at antenna site above mean sea level in meters: 83

(c) Distance to nearest aircraft landing area in kilometers: 9

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None

City	State	Latitude	Longitude	Mobile	Radius of Operation
Falls Church	Virginia	38° 51' 22.679" N	77° 6' 52.56" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 30° Sector 2 : 150° Sector 3: 270°

(c) Orientation in vertical plane: 3° downtilt in each sector

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters: 20

(b) Elevation of ground at antenna site above mean sea level in meters: 71

(c) Distance to nearest aircraft landing area in kilometers: 7

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None

City	State	Latitude	Longitude	Mobile	Radius of Operation
Alexandria	Virginia	38° 50' 2.039" N	77° 6' 16.919" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 30° Sector 2 : 150° Sector 3: 270°

(c) Orientation in vertical plane: downtilt ; Sector 1: 3° Sector 2 : 0° Sector 3: 0°

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters: 42

(b) Elevation of ground at antenna site above mean sea level in meters: 57

(c) Distance to nearest aircraft landing area in kilometers: 6.5

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None

City	State	Latitude	Longitude	Mobile	Radius of Operation
Falls Church	Virginia	38° 50' 43.799" N	77° 8' 20.399" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 17° Sector 2 : 141° Sector 3: 251°

(c) Orientation in vertical plane: downtilt Sector 1: 6° Sector 2 : 6° Sector 3: 0°

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? Yes

(a) Overall height above ground to tip of antenna in meters: 35

(b) Elevation of ground at antenna site above mean sea level in meters: 75

(c) Distance to nearest aircraft landing area in kilometers: 6.5

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None

City	State	Latitude	Longitude	Mobile	Radius of Operation
Herndon	Virginia	38° 57' 15.839" N	77° 23' 7.439" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 30° Sector 2 : 150° Sector 3: 270°

(c) Orientation in vertical plane: 2° downtilt in each sector

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters: 18

(b) Elevation of ground at antenna site above mean sea level in meters: 115

(c) Distance to nearest aircraft landing area in kilometers: 6.3

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None

City	State	Latitude	Longitude	Mobile	Radius of Operation
Reston	Virginia	38° 57' 2.999" N	77° 21' 32.000" W		1.00

Datum: NAD 83

Is a directional antenna (other than radar) used? Yes

Exhibit submitted: Yes

(a) Width of beam in degrees at the half-power point: 3 Sectors each 65 degrees

(b) Orientation in horizontal plane: Sector 1: 30° Sector 2 : 150° Sector 3: 270°

(c) Orientation in vertical plane: 2° downtilt in each sector

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters: 40

(b) Elevation of ground at antenna site above mean sea level in meters: 131

(c) Distance to nearest aircraft landing area in kilometers: 9

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft: None