

**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**EXPERIMENTAL**  
**RADIO STATION CONSTRUCTION PERMIT**  
**AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WG2XLH

(Call Sign)

XT MO

(Class of Station)

0541-EX-PL-2012

(File Number)

NAME DRS C3 & Aviation Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed (Ground) Operations Within 5km of Centerpoint Coordinates (Three Points, AZ), within 5 km, centered around NL 32-01-45; WL 111-24-46
- (2) MOBILE: Temporary Fixed (Ground) Operations Within 2 km of Centerpoint Coordinates (Tucson, AZ), within 2 km, centered around NL 32-05-24; WL 110-49-14
- (3) MOBILE: Temporary Fixed (Ground) Operations Within 4 km of Centerpoint Coordinates (Playas, NM), within 4 km, centered around NL 31-55-00; WL 108-32-04
- (4) MOBILE: Temporary Fixed (Ground) Operations Within 5 km of Centerpoint Coordinates (Largo, FL), within 5 km, centered around NL 27-52-41; WL 82-43-18
- (5) MOBILE: Temporary Fixed (Ground) Operations Within 5 km of Centerpoint Coordinates (Gaithersburg, MD), within 5 km, centered around NL 39-09-39; WL 77-13-48

Frequency Information

MOBILE: Temporary Fixed (Ground) Operations Within 5km of Centerpoint Coordinates (Three Points, AZ), within 5 km, centered around NL 32-01-45; WL 111-24-46

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.25-10.5 GHz | MO            | 50M0F3N             | 384 W (ERP)      |                           |

This authorization effective December 13, 2012 and  
will expire 3:00 A.M. EST December 01, 2014

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Temporary Fixed (Ground) Operations Within 2 km of Centerpoint Coordinates (Tucson, AZ), within 2 km, centered around NL 32-05-24; WL 110-49-14

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.25-10.5 GHz | MO            | 50M0F3N             | 384 W (ERP)      |                           |

MOBILE: Temporary Fixed (Ground) Operations Within 4 km of Centerpoint Coordinates (Playas, NM), within 4 km, centered around NL 31-55-00; WL 108-32-04

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.25-10.5 GHz | MO            | 50M0F3N             | 384 W (ERP)      |                           |

MOBILE: Temporary Fixed (Ground) Operations Within 5 km of Centerpoint Coordinates (Largo, FL), within 5 km, centered around NL 27-52-41; WL 82-43-18

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.25-10.5 GHz | MO            | 50M0F3N             | 384 W (ERP)      |                           |

MOBILE: Temporary Fixed (Ground) Operations Within 5 km of Centerpoint Coordinates (Gaithersburg, MD), within 5 km, centered around NL 39-09-39; WL 77-13-48

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 10.25-10.5 GHz | MO            | 50M0F3N             | 384 W (ERP)      |                           |

## Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

**Special Conditions:**

- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Dave Breitz at (520) 240-2471.