

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WC9XJL

(Call Sign)

XD MO

(Class of Station)

0695-EX-ST-2005

(File Number)

NAME ARINC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:
Calibration testing

Station Locations

- (1) MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.01 MHz	MO	NON	25 W (ERP)	0.001 %
2.211 MHz	MO	NON	25 W (ERP)	0.001 %
2.4321 MHz	MO	NON	25 W (ERP)	0.001 %

This authorization effective March 01, 2006 and
will expire 3:00 A.M. EST March 22, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.6753 MHz	MO	N0N	25 W (ERP)	0.001 %
2.9428 MHz	MO	N0N	25 W (ERP)	0.001 %
3.2371 MHz	MO	N0N	25 W (ERP)	0.001 %
3.5608 MHz	MO	N0N	25 W (ERP)	0.001 %
3.9169 MHz	MO	N0N	25 W (ERP)	0.001 %
4.3086 MHz	MO	N0N	25 W (ERP)	0.001 %
4.7395 MHz	MO	N0N	25 W (ERP)	0.001 %
4.9291 MHz	MO	N0N	25 W (ERP)	0.001 %
5.1262 MHz	MO	N0N	25 W (ERP)	0.001 %
5.3313 MHz	MO	N0N	25 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.5445 MHz	MO	N0N	25 W (ERP)	0.001 %
5.7663 MHz	MO	N0N	25 W (ERP)	0.001 %
5.9969 MHz	MO	N0N	25 W (ERP)	0.001 %
6.2368 MHz	MO	N0N	25 W (ERP)	0.001 %
6.4863 MHz	MO	N0N	25 W (ERP)	0.001 %
7.0156 MHz	MO	N0N	25 W (ERP)	0.001 %
7.2962 MHz	MO	N0N	25 W (ERP)	0.001 %
7.5881 MHz	MO	N0N	25 W (ERP)	0.001 %
7.8916 MHz	MO	N0N	25 W (ERP)	0.001 %
8.2072 MHz	MO	N0N	25 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.5355 MHz	MO	N0N	25 W (ERP)	0.001 %
8.8769 MHz	MO	N0N	25 W (ERP)	0.001 %
9.232 MHz	MO	N0N	25 W (ERP)	0.001 %
9.6013 MHz	MO	N0N	25 W (ERP)	0.001 %
9.9854 MHz	MO	N0N	25 W (ERP)	0.001 %
10.3848 MHz	MO	N0N	25 W (ERP)	0.001 %
10.8002 MHz	MO	N0N	25 W (ERP)	0.001 %
11.2322 MHz	MO	N0N	25 W (ERP)	0.001 %
11.6815 MHz	MO	N0N	25 W (ERP)	0.001 %
12.1487 MHz	MO	N0N	25 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.6347 MHz	MO	N0N	25 W (ERP)	0.001 %
13.1401 MHz	MO	N0N	25 W (ERP)	0.001 %
13.6657 MHz	MO	N0N	25 W (ERP)	0.001 %
14.2123 MHz	MO	N0N	25 W (ERP)	0.001 %
14.7808 MHz	MO	N0N	25 W (ERP)	0.001 %
15.372 MHz	MO	N0N	25 W (ERP)	0.001 %
15.9869 MHz	MO	N0N	25 W (ERP)	0.001 %
16.6264 MHz	MO	N0N	25 W (ERP)	0.001 %
17.2914 MHz	MO	N0N	25 W (ERP)	0.001 %
18.7024 MHz	MO	N0N	25 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19.4505 MHz	MO	N0N	25 W (ERP)	0.001 %
20.2285 MHz	MO	N0N	25 W (ERP)	0.001 %
21.0376 MHz	MO	N0N	25 W (ERP)	0.001 %
21.8792 MHz	MO	N0N	25 W (ERP)	0.001 %
22.7543 MHz	MO	N0N	25 W (ERP)	0.001 %
23.6645 MHz	MO	N0N	25 W (ERP)	0.001 %
24.6111 MHz	MO	N0N	25 W (ERP)	0.001 %
25.5955 MHz	MO	N0N	25 W (ERP)	0.001 %
26.6193 MHz	MO	N0N	25 W (ERP)	0.001 %
27.6841 MHz	MO	N0N	25 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.7915 MHz	MO	N0N	25 W (ERP)	0.001 %
33.075 MHz	MO	N0N	5 W (ERP)	0.001 %
34.729 MHz	MO	N0N	5 W (ERP)	0.001 %
36.465 MHz	MO	N0N	5 W (ERP)	0.001 %
38.288 MHz	MO	N0N	5 W (ERP)	0.001 %
40.203 MHz	MO	N0N	5 W (ERP)	0.001 %
42.213 MHz	MO	N0N	5 W (ERP)	0.001 %
44.324 MHz	MO	N0N	5 W (ERP)	0.001 %
48.867 MHz	MO	N0N	5 W (ERP)	0.001 %
51.31 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
53.876 MHz	MO	N0N	5 W (ERP)	0.001 %
56.569 MHz	MO	N0N	5 W (ERP)	0.001 %
59.398 MHz	MO	N0N	5 W (ERP)	0.001 %
62.368 MHz	MO	N0N	5 W (ERP)	0.001 %
65.486 MHz	MO	N0N	5 W (ERP)	0.001 %
68.761 MHz	MO	N0N	5 W (ERP)	0.001 %
72.199 MHz	MO	N0N	5 W (ERP)	0.001 %
75.809 MHz	MO	N0N	5 W (ERP)	0.001 %
79.599 MHz	MO	N0N	5 W (ERP)	0.001 %
83.579 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
87.758 MHz	MO	N0N	5 W (ERP)	0.001 %
92.146 MHz	MO	N0N	5 W (ERP)	0.001 %
96.753 MHz	MO	N0N	5 W (ERP)	0.001 %
101.591 MHz	MO	N0N	5 W (ERP)	0.001 %
106.67 MHz	MO	N0N	5 W (ERP)	0.001 %
131.27 MHz	MO	N0N	5 W (ERP)	0.001 %
137.84 MHz	MO	N0N	5 W (ERP)	0.001 %
139.22 MHz	MO	N0N	5 W (ERP)	0.001 %
140.61 MHz	MO	N0N	5 W (ERP)	0.001 %
142.02 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
143.44 MHz	MO	N0N	5 W (ERP)	0.001 %
144.87 MHz	MO	N0N	5 W (ERP)	0.001 %
146.32 MHz	MO	N0N	5 W (ERP)	0.001 %
147.78 MHz	MO	N0N	5 W (ERP)	0.001 %
152.26 MHz	MO	N0N	5 W (ERP)	0.001 %
153.78 MHz	MO	N0N	5 W (ERP)	0.001 %
155.32 MHz	MO	N0N	5 W (ERP)	0.001 %
158.44 MHz	MO	N0N	5 W (ERP)	0.001 %
160.03 MHz	MO	N0N	5 W (ERP)	0.001 %
161.63 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
163.24 MHz	MO	N0N	5 W (ERP)	0.001 %
164.88 MHz	MO	N0N	5 W (ERP)	0.001 %
166.52 MHz	MO	N0N	5 W (ERP)	0.001 %
168.19 MHz	MO	N0N	5 W (ERP)	0.001 %
171.57 MHz	MO	N0N	5 W (ERP)	0.001 %
173.29 MHz	MO	N0N	5 W (ERP)	0.001 %
175.02 MHz	MO	N0N	5 W (ERP)	0.001 %
183.77 MHz	MO	N0N	5 W (ERP)	0.001 %
192.96 MHz	MO	N0N	5 W (ERP)	0.001 %
202.61 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
212.74 MHz	MO	N0N	5 W (ERP)	0.001 %
223.37 MHz	MO	N0N	5 W (ERP)	0.001 %
234.54 MHz	MO	N0N	5 W (ERP)	0.001 %
246.27 MHz	MO	N0N	5 W (ERP)	0.001 %
258.58 MHz	MO	N0N	5 W (ERP)	0.001 %
261.17 MHz	MO	N0N	5 W (ERP)	0.001 %
263.78 MHz	MO	N0N	5 W (ERP)	0.001 %
266.42 MHz	MO	N0N	5 W (ERP)	0.001 %
269.08 MHz	MO	N0N	5 W (ERP)	0.001 %
271.77 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
274.49 MHz	MO	N0N	5 W (ERP)	0.001 %
277.23 MHz	MO	N0N	5 W (ERP)	0.001 %
280.01 MHz	MO	N0N	5 W (ERP)	0.001 %
282.81 MHz	MO	N0N	5 W (ERP)	0.001 %
288.49 MHz	MO	N0N	5 W (ERP)	0.001 %
291.38 MHz	MO	N0N	5 W (ERP)	0.001 %
294.29 MHz	MO	N0N	5 W (ERP)	0.001 %
297.23 MHz	MO	N0N	5 W (ERP)	0.001 %
300.21 MHz	MO	N0N	5 W (ERP)	0.001 %
315.22 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
347.53 MHz	MO	N0N	5 W (ERP)	0.001 %
364.9 MHz	MO	N0N	5 W (ERP)	0.001 %
383.15 MHz	MO	N0N	5 W (ERP)	0.001 %
402.3 MHz	MO	N0N	5 W (ERP)	0.001 %
406.33 MHz	MO	N0N	5 W (ERP)	0.001 %
410.39 MHz	MO	N0N	5 W (ERP)	0.001 %
414.49 MHz	MO	N0N	5 W (ERP)	0.001 %
418.64 MHz	MO	N0N	5 W (ERP)	0.001 %
422.83 MHz	MO	N0N	5 W (ERP)	0.001 %
427.05 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
431.32 MHz	MO	N0N	5 W (ERP)	0.001 %
435.64 MHz	MO	N0N	5 W (ERP)	0.001 %
439.99 MHz	MO	N0N	5 W (ERP)	0.001 %
444.39 MHz	MO	N0N	5 W (ERP)	0.001 %
448.84 MHz	MO	N0N	5 W (ERP)	0.001 %
453.33 MHz	MO	N0N	5 W (ERP)	0.001 %
457.86 MHz	MO	N0N	5 W (ERP)	0.001 %
462.44 MHz	MO	N0N	5 W (ERP)	0.001 %
467.06 MHz	MO	N0N	5 W (ERP)	0.001 %
471.73 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
490.42 MHz	MO	N0N	5 W (ERP)	0.001 %
514.94 MHz	MO	N0N	5 W (ERP)	0.001 %
540.68 MHz	MO	N0N	5 W (ERP)	0.001 %
567.72 MHz	MO	N0N	5 W (ERP)	0.001 %
596.1 MHz	MO	N0N	5 W (ERP)	0.001 %
625.91 MHz	MO	N0N	5 W (ERP)	0.001 %
657.2 MHz	MO	N0N	5 W (ERP)	0.001 %
690.06 MHz	MO	N0N	5 W (ERP)	0.001 %
724.57 MHz	MO	N0N	5 W (ERP)	0.001 %
760.79 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
798.83 MHz	MO	N0N	5 W (ERP)	0.001 %
831.03 MHz	MO	N0N	5 W (ERP)	0.001 %
839.34 MHz	MO	N0N	5 W (ERP)	0.001 %
847.73 MHz	MO	N0N	5 W (ERP)	0.001 %
856.21 MHz	MO	N0N	5 W (ERP)	0.001 %
864.77 MHz	MO	N0N	5 W (ERP)	0.001 %
873.42 MHz	MO	N0N	5 W (ERP)	0.001 %
882.15 MHz	MO	N0N	5 W (ERP)	0.001 %
890.97 MHz	MO	N0N	5 W (ERP)	0.001 %
899.88 MHz	MO	N0N	5 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
908.88 MHz	MO	N0N	5 W (ERP)	0.001 %
917.97 MHz	MO	N0N	5 W (ERP)	0.001 %
936.42 MHz	MO	N0N	5 W (ERP)	0.001 %
945.79 MHz	MO	N0N	5 W (ERP)	0.001 %
955.24 MHz	MO	N0N	5 W (ERP)	0.001 %
964.8 MHz	MO	N0N	5 W (ERP)	0.001 %
1013.04 MHz	MO	N0N	10 W (ERP)	0.001 %
1063.69 MHz	MO	N0N	10 W (ERP)	0.001 %
1231.35 MHz	MO	N0N	10 W (ERP)	0.001 %
1425.45 MHz	MO	N0N	10 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1496.72 MHz	MO	N0N	10 W (ERP)	0.001 %
1699.63 MHz	MO	N0N	10 W (ERP)	0.001 %
1716.63 MHz	MO	N0N	10 W (ERP)	0.001 %
1733.8 MHz	MO	N0N	10 W (ERP)	0.001 %
1751.14 MHz	MO	N0N	10 W (ERP)	0.001 %
1768.65 MHz	MO	N0N	10 W (ERP)	0.001 %
1786.33 MHz	MO	N0N	10 W (ERP)	0.001 %
1804.2 MHz	MO	N0N	10 W (ERP)	0.001 %
1822.24 MHz	MO	N0N	10 W (ERP)	0.001 %
1840.46 MHz	MO	N0N	10 W (ERP)	0.001 %

Frequency Information

MOBILE: Mobile unit will be located on or near Sundance Airpark, Yukon, Oklahoma 73099, within 80 km, centered around NL 35-36-06; WL 97-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1858.87 MHz	MO	N0N	10 W (ERP)	0.001 %
1877.45 MHz	MO	N0N	10 W (ERP)	0.001 %
1896.23 MHz	MO	N0N	10 W (ERP)	0.001 %
1915.19 MHz	MO	N0N	10 W (ERP)	0.001 %
1934.34 MHz	MO	N0N	10 W (ERP)	0.001 %
1953.69 MHz	MO	N0N	10 W (ERP)	0.001 %
1973.22 MHz	MO	N0N	10 W (ERP)	0.001 %
1992.96 MHz	MO	N0N	10 W (ERP)	0.001 %
1999.99 MHz	MO	N0N	10 W (ERP)	0.001 %

Special Conditions:

- (1) Operations on 6.7458 MHz, 17.9831 MHz, 156.87 MHz and 168.87 MHz are denied due to potential interference to existing users.

Special Conditions:

- (2) Licensee shall comply with blanking requirements on the following frequencies.
1. Blank transmissions +/- 2 MHz from 1211 MHz.
 2. Blank transmissions +/- 10 MHz from 1227.6 MHz
 3. Blank transmissions +/- 12 MHz from 1575.45 MHz.
- (3) This license supersedes previous grant. The following additional frequencies are denied due to potential interference to the FAA: FAA that indicates they will receive interference if the following frequencies are used and therefore, in MHz 113.4, 119.07, 125.02, 285.63, 330.98, 1116.87, 1172.72, 1292.92, 1357.57