Joe Duval, 111 S 34th St, Phoenix, AZ 85034,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WF9XTQ
(Nature of Service)	(Call Sign)
XT MO	0985-EX-ST-2012
(Class of Station)	(File Number)

NAME Honeywell International Inc.

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:
Testing of a radar on aircraft while on the ground.

Station Locations

(1) MOBILE: Phoenix (AZ) Sky Harbor airport -- KPHX. Taxiway and ramp use only.
(2) MOBILE: Albuquerque (NM) International Sunport airport -- KABQ. Taxiway and ramp use only.
(3) MOBILE: Savannah/Hilton Head (GA) International Airport -- KSAV. Taxiway and ramp use only.

Frequency Information

MOBILE: Phoenix (AZ) Sky Harbor airport -- KPHX. Taxiway and ramp use only.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	1G00FXN	30 mW (ERP)	

This authorization effective January 31, 2013 and
will expire 3:00 A.M. EST July 31, 2013

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: Albuquerque (NM) International Sunport airport -- KABQ. Taxiway and ramp use only.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	1G00FXN	30 mW (ERP)	

MOBILE: Savannah/Hilton Head (GA) International Airport -- KSAV. Taxiway and ramp use only.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	1G00FXN	30 mW (ERP)	

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(3) Honeywell should note that the requested spectrum is not allocated to the aeronautical radio navigation service. It will be difficult to authorize the use for aviation safety applications.

(4) Grant of the authorization requested herein will not be construed as a finding on the part of the Commission:

1. that the frequencies and other technical parameters specified in the authorization are the best suited for the proposed program of experimentation, and
2. that the applicant will be authorized to operate on any basis other than experimental, and
3. that the Commission is obligated by the results of the experimental program to make provision in its rules including its table of frequency allocations for applicant's type of operation on a regularly licensed basis.

(5) NTIA concurs with the understanding that concurrence shall not be interpreted as permission for further development, but only for support of this test. Domestic and international spectrum allocations and regulation must be addressed before this equipment can qualify as a safety system. Especially since there is a general aviation prohibition about having safety systems in shared bands. This system would need to be able to share this frequency band with automobile radars and foreign object debris (FOD) systems, the latter being evaluated at airports. For further elaboration, contact Donald Nellis (202-267-9779).