

Information for Experimental License Application

Company

Main Contact Name

Phone

email

List the transmitting equipment you will install

Equipment Name	Manufacturer	Model Number	Number of Units	Experimental Y=Yes N=No	Capable of Station Identification (Section 5.115) Y=Yes N=No

Where will the equipment be installed?

Address	City and County	State	GPS Coordinates	Mobile Area of Operation

Will you install a directional antenna?

Yes	Νο		
If yes	, please provide the following:		
Width	of the beam in degrees at the half power point	Orientation in horizontal plane	Orientation in vertical plane
Other	antenna details:		
	Overall height AGL to tip of antenna	Ground elevation at antenna site	Distance to nearest aircraft landing area

Are there any natural formations or existing man-made structures that would tend to shield the antenna from aircraft and minimize the aeronautical hazard of the antenna? (ed. Do we need to ask for location of these items?)

Hills	Trees	Water Tanks	Towers	Buildings	
Other (please des	scribe)				
Tell us about yo	ur frequency				
Lower Freq	uency	Upper Frequency			

Power	P	Power Units (ie, mW, W etc	;)		
ERP		ERP Units			
Mean Level of Power	Or	Peak Level of Power			
Frequency Tolera	nce				
Emission Design	ator		Modulating Signal	Bandwidth Necessary	

Other required information

Provide the complete program of research and experimentation proposed. Including description of equipment and the theory of operation (ability to attach doc file or use attached doc?)

What are the specific objectives to be accomplished?

How will this program of experimentation contribute to the radio art in the following areas?

Development

Extension

Expansion

Utilization

Why has it not been previously investigated?

What is the estimated length of time required to complete the program of experimentation?