

**Exhibit A (Revised)**

By this application, Raytheon Company seeks an experimental radio license to test, design, and develop equipment and systems to meet the requirements of FAA contracts listed below to support air-navigational operations.

FAA-PRM 1030-1090 MHz  
Contract: DTFA01-87-Y-01029  
Federal Aviation Administration  
800 Independence Ave., SW  
Washington, DC  
FAA Contact: Wayne Sutler (202) 267-7491

FAA-MLS 979-1153 MHz and 5031-5097.3 MHz  
Contract: DTFA02-97-D-97032  
Federal Aviation Administration  
MM Aeronautical Center  
P.O. Box 25082  
Oklahoma City, OK  
FAA Contact: Dick Caldwell (405) 954-5198

Raytheon Contact:  
Dave Huntington  
1300 East Joppa Road  
Baltimore, MD 21286  
Tel: (410) 583-4281  
Fax: (410) 583-5901

Legal Contact:  
Kurt E. DeSoto  
Wiley, Rein & Fielding  
1776 K Street, N.W.  
Washington DC 20006  
Tel: (202) 719-7235  
Fax: (202) 719-7049

### Summary of Frequency and Emission Information

Frequency (MHz)	Output Power	ERP	Meas.	Emission	Modulating Signal	Necessary Bandwidth
1030 MHz	452 W	30kW	Peak	A2N	450 Hz	5.0 MHz
1090 MHz	500W	12.6kW	Peak	A2N	450 Hz	8.8 MHz
1030 MHz	0.5W	33W	Mean	A2N	450 Hz	5.0 MHz
1090 MHz	1.6W	40.2W	Mean	A2N	450 Hz	8.8 MHz
1030 MHz	0.25W	56.3W	Mean	A2N	CW	—
1090 MHz	0.25W	56.3W	Mean	N	CW	—
979-1153 MHz	0.25W	56.3W	Mean	N	CW	—
5031-5097.4 MHz	15W	4.8W	Peak	P9N	39 Hz	1.4 kHz