ADVANCED NAVIGATION & POSITIONING CORP.

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March 15, 2000

Federal Communications Commission
Experimental Radio Service
PO Box 358320
Pittsburgh, PA 1521-5320

ANPC, under FAA contract (contract number DTFA01-99-C-00054) continues to test and evaluate the Transponder Landing System as part of the system approval process. The system at Batesville, IN provides a customer site data source which is valuable to review of system performance. Currently, the system is operating under authorization provided by an STA dated 2/9/00 (File #: 0046-EX-ST-2000; Call Sign: WA9XGE; expires 8/9/00). Due to an updated analysis of the output EIRP, and analysis work by the FAA spectrum management office, ANPC is requesting changes to the authorized power levels per the information below. If a new STA is required, we request that it extend for a 180 day period to allow continued system testing. Attached is a copy of the current STA. All special conditions on the current STA are still applicable.

Antenna patterns have been submitted with the previous request that led to the current STA, and are therefore not included herein. If more technical information is required, please call ANPC customer services manager Fred Conn at (541) 386-1747.

The following is a summary of the frequency use request:

Location of Station:	Batesville, IN	NL 39° 20' 56"	WL 85° 15' 28"

Runway heading 36

Frequency	Power (EIRP, dBm)	Emission Designator	Signal Name
108.35	32	6K00A9W	Localizer
333.95	40	300HA1N	Glide Slope
1030.0	62.3	6M00M1D	Interrogation
1090.0	40.3	6M00M1D	AOA Calibration

Runway heading 18

Frequency	Power (EIRP, dBm)	Emission Designator	Signal Name
XXX.XX(assigned ILS freq.)	32	6K00A9W	Localizer
YYY.YY(assigned ILS freq.)	40	300HA1N	Glide Slope
1030.0	62.3	6M00M1D	Interrogation
1090.0	46.3	6M00M1D	AOA Calibration

Thank you for your time and attention in this matter.

Sincerely,

Mark Zanmiller
Director, hardware engineering

ANPC-20066-FC-MZ