

**FAX** >>>>>>>>>**AERONAUTICAL SYSTEMS**

**DATE:** July 14, 1998                      **Number of sheets including cover:** 3

**TO:** Douglas A. Young                      **FAX:** 202-418-1918  
Federal Communications                      **PHONE:** 202-418-2440  
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Experimental Licensing Branch  
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Washington, DC 20554

**FROM:** Gina Baldwin                      **FAX:** 619-455-2920  
Admin Assistant, Contracts                      **PHONE:** 619-455-2318

**SUBJ:** Correction to Experimental License Application - Kekaha, Kauai, Hawaii

**MESSAGE**

Douglas,

Here is the change to the Experimental License Application I talked to you about on 7/13/98. I added Bendix/King, VHF, 2 to Section 13-Page 3. Please replace with new copy. If you have any questions regarding this information, please contact me at (619) 455-2318.

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**NOTE:**

This facsimile may contain information which (a) may be LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) is intended only for the use of the addressee(s) named above. If you are not the Addressee, or the person responsible for delivering this to the Addressee(s), you are hereby notified that reading, copying or distributing this facsimile is prohibited. If you have received this facsimile in error, please telephone us immediately and mail the facsimile back to us at the mailing address listed below. Thank you.

5(a). Proposed location of transmitter and transmitting antenna (check only one box to indicate type of operation):

- FIXED/BASE
- MOBILE
- BASE AND MOBILE

5(b). If permanently located at a FIXED location, give below:

State <b>HI</b>	County <b>KAUAI</b>	City or Town <b>KEKAHA</b>
Number and street (or other indication of location)		

5(c). If mobile, describe the exact area of operation

**100 NM RADIUS**

5(b)(1). Enter geographical coordinates exact to the nearest second (see instruction 10)

5(c)(1) Enter geographical coordinates of the approximate center of mobile operation (see instruction 10)

North Latitude (DD-MM-SS) <b>22 ° 01 ' 00 "</b>	West Longitude (DD-MM-SS) <b>159 ° 47 ' 00 "</b>
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North Latitude ° ' "	West Longitude ° ' "
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5(d). Datum (see instruction 10):  NAD 27  NAD 83

6. Is a directional antenna (other than radar) used?  YES  NO

If "YES", give the following information:

- (a) Width of beam in degrees at the half-power point \_\_\_\_\_
- (b) Orientation in horizontal plane \_\_\_\_\_
- (c) Orientation in vertical plane \_\_\_\_\_

7. Is this authorization to be used for fulfilling the requirement of a government contract with an agency of the United States Government?  YES  NO

If "YES", attach as EXHIBIT No. Exhibit 1 a narrative statement describing the government project, agency and contact number.

8. Is this authorization to be used for the exclusive purpose of developing radio equipment for export to be employed by stations under the jurisdiction of a foreign government?  YES  NO

If "YES", attach as EXHIBIT No. \_\_\_\_\_ the following information: Provide the contract number and the name of the foreign government concerned.

9. Is this authorization to be used for providing communications essential to a research project? (The radio communication is not the objective of the research project).  YES  NO

If "YES", attach as EXHIBIT No. \_\_\_\_\_ a narrative statement providing the following information:

- (a) A description of the nature of the research project being conducted.
- (b) A showing that the communications facilities requested are necessary for the research project involved.
- (c) A showing that existing communications facilities are inadequate.

10. If all the answers to items 7, 8, and 9, are "NO", attach as EXHIBIT No. \_\_\_\_\_ a narrative statement describing in detail the following:

- (a) The complete program of research and experimentation proposed including description of equipment and theory of operation.
- (b) The specific objectives sought to be accomplished.
- (c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion, or utilization of the radio art or is along line not already investigated.

11(a). Give an estimate of the length of time that will be required to complete the program of experimentation proposed in this application: Indefinite - on going government procurement and flight test

(b) If less than 2 years, give the length of time in months that the authorization requested in this application will be required: \_\_\_\_\_

12. Would a Commission grant of this application come within Section 1.1307 of the FCC Rules such that it may have a significant environmental impact (see instruction 11)?  YES  NO

If "YES", attach as EXHIBIT No. \_\_\_\_\_ an Environmental Assessment as required by Section 1.1311

13. List below transmitting equipment to be installed (if experimental, so state):

MANUFACTURER	MODEL NUMBER	NO. OF UNITS
Sierra Monolithics	1234211-SA-N	4
Bendix/King	VHF	2