

- **Current Resume**

- **Lance E. Wenner**

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Employment Related Abilities: I have over 25 years in retail sales experience. Very knowledgeable of xhtml/html website design. Do visit my eCommerce website over which I sell and ship entire world. <http://www.nucow.com> Notice first, even though it has allot on the home page, including animations etc., how fast it loads, along with all the other pages. I know SEO, SEM and will promote website(s) for maximum effect. Reliable, dependable, ethical, trustworthy, bonded & will pass any physical, criminal or drug test evaluation. Do give me an interview call.

Career Achievements: Successfully completed designs of ultra reliability (Stats. 3000 yr. MTBF) State of the art aircraft guidance transmitters, antennas, etc. for VORTAC (Variable Omni Range Tactical Air Command and Navigation) and MLS (Microwave Landing System). RF Design Engineer and instructor to Federal Aviation Administration technical staff. Production proven designs are in excess of 250 million dollars, from DC to 5.2 Ghz.

Special Fields: Microstrip, Stripline Design, High-Level and Low-level, DC to Microwave Amplifiers, Linear Detectors, Mixers, Communication Antennas, Directional and Non-Directional Couplers, Phase Locked Loops, Amplitude Locked Loops, Modulators, Inter-modulation Correction Loops, Active and Passive Filters, RF Combiner, Phase Shifters, A to D and D to A Conversion Techniques, Pin Diode Applications and RF System Engineering, Microprocessor, Microcomputer Interface, Mathematics, Technical Supervision, Proposal and technical writing. HTML and XHTML code.

Other Job Related Knowledge: RF, Analog Circuit Design or Component Synthesis and Analysis with Mathematically Defensible Techniques. Computer Languages II-AOS, EE Soft, HPIB for ATE, various CAD, S,H,Z,Y Parameter Design. Linvill Stability, Bode Nuquist Plot Techniques for RF Design with Full Stern Stability Solutions. Library of 82 Hand Written Production Proven Programs for Analog, RF, Digital Interface Design. Smith Chart Applications. Vector Analysis. Use of all Types of Test Equipment. Ability to follow schedule on time and on budget. Familiar with Military Specs, including 454G, FAA G-2100, FCC Part 95-15, ISO 9001, AS9100, NASA Fail Safe, Fail Soft, Etc. Drafting, Engineering Graphics III also included. **Licenses:** General Radiotelephone with Radar Endorsement PG-17-6485, Navy Mars N0TLL, General Class Amateur K0CJS, N0TLL

Education

St. Peters, Parochial School, Kansas City, KS., Bishop Ward, Parochial, high school, Kansas City, Ks., Kansas City, Kansas City College, Midwest Institute of Technology ASEE, Longview Community College Calculus I & II also Chemistry, Penn Valley Community College, Calculus III & Engineering graphics III Chemistry etc., Advanced Design of Aircraft Navigation, Electro-Mechanical and Communication, Equipment while employed by TWA, Numerous Engineering Seminars and PHD Lectures while employed by Northrop / Wilcox Division

Patents Held

Auto Alarm Security System US Pat. No. 4.035,765, Double Helical Load Mobile Antenna 48", Double Helical Load Mobile Antenna 12", Instant Layover Swivel Antenna Mount, UHF Marine Breakaway Vertical Dipole

Employment History

Accent Sound & Computers 01/98 to 02/05 350 W. Indiantown Rd., Jupiter, FL.

Owner, President, started and ran a full consumer electronic retail store of sales and service with 6 technicians. Sold business 12/15/04.

Electronic Center 04/87 to 06/97 Overland Park, Ks.

Owner, President, started and ran electronic engineering facility with 18 employees both engineers and technicians. Assembled, per supplied drawings, ATE (Automated Test Equipment) test drawers for testing nuclear weapon igniters. This was a subcontract from Allied Signal Bendix Division KC., Mo. Designed and produced a dual six foot ATE HP test equipment rack, which lot sampled import telephones for Sprint Corporate Headquarters Engineering, North Supply Division, Overland Park, KS. This was a won contract from a proposal I wrote. Also did RF consulting engineering to MAXON Electronics on VHF & UHF mobile XCVR's i.e. low pass filters, amplitude control loops, microstrip design, grounded emitter, very low current, RCVR first rf amp design. Supplied engineering with proven RF design formulas. MAXON is a South Korean company, that has design and warehouse facilities in USA, near KCI airport, KC, Mo. Sold business 5/15/97.

Birdview Satellite TV Corporation Inc. 09/84 to 08/85 Microwave Division, Olathe, KS.

Senior Staff Engineer- Supervised Lab move to Olathe Ks. Completed M1, M2, M3 Series receivers. Chief Engineer- Electronics Division, Chanute, Ks. Corrected many current product production, yield problems, trained production test technicians on new test equipment data analysis. Also produced Eco's (Engineering Change Orders) etc. Established R&D Lab, supervised three engineers, eight technicians, including drafting and electronic support staff in design of three M2 series robotic assembly, multiple microcomputer controlled, satellite receivers.

Northrop, Wilcox Division 01/78 to 10/84 K.C., Mo.

RF Design Engineer and Production Test Instructor. Responsible for design of 1KW VOR transmitter per contract by FAA. This ground based transmitter is still in use at all major airports in USA and South America (over 1000). VOR (variable omni range) & GPS guides aircraft to selected airport. It uses four 250Wrms 108-118Mhz transistor amplifiers with semi-rigid power combiner, complex modulation techniques, including space modulation with a goniometer transmitter. Some of these ground based transmitters are on mountain tops hence require ultra reliability. This includes a complex antenna array. I was one of three engineers, who wrote original proposal, that won contract to produce for FAA @ 120 million dollars. Thompson CSF/GE now owns Wilcox.

Able Manufacturing Inc., & Accurate Electronics 03/73 to 12/77 Grandview, Mo., K.C., Mo., K.C., Ks.

Chief Engineer Responsible for design of a full line of coaxial assembly production facility with auto stripping and crimping machines. This included vacuum packaging as well. We also produced coaxial power combiners. I designed a full line of HF Salt Water Marine Communication Antennas, RF 100W rms power amplifier and set up production on these as well.

Kansas City, Mo. Kansas City, Ks. Retail & Distribution

President founded and ran 2 retail electronic CB stores with 14 employees while also founding and designing for Able Manufacturing Inc. By year 3, overall volume sales reached 2 million per year for Accurate Electronics & 1 million for Able Mfg. Co. Inc.

Trans World Airlines 09/67 to 04/73 Overhaul Base KCI, KC, Mo.

Aircraft radio, radar and navigational systems engineer, included all avionics and electrical systems, also pneumatic handling of Skydrol aviation hydraulic fluid pumps, motors, actuators etc.

Responsible for the proper operation of over 700 individual commercial aircraft electronic navigational and communication systems for DC9, 707, 727, L1011, 747, 737, stretch 727 in laboratory, including weather radar, transponder, DME, SCAT computer, VOR, Doppler, etc. Responsible for supervision of 5 technicians when on flight line at MCI airport.

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