

Contacts



SUNTRONICS, Inc.

? Power Converter and Special Electronics Design ? Development ? Radiation Analysis ? Manufacturing and Repair Services

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Recent Space Program Experience

PROGRAM	ENGINEERING EFFORT SUPPLIED	PROGRAM	ENGINEERING EFFORT SUPPLIED
A2100	WCA, Reliability Analysis, Radiation Effects/Survivability	A2100M	WCA, Reliability Analysis, Radiation Effects/Survivability
ADVANCED EHF	Radiation Effects/Survivability/WCA	TSAT	Radiation Effects/Survivability
ASTROLINK	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability	NEAR	Radiation Effects/Survivability
AAAV	Design Support, Radiation Effects/Survivability	NEMO	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
EARTHWATCH	WCA, Reliability Analysis, Radiation Effects/Survivability	ODIN	Radiation Effects/Survivability
EOS	Radiation Effects/Survivability	SBIRS	WCA, Reliability Analysis, Radiation Effects/Survivability
EUROPA ORBITER	Radiation Effects/Survivability	MSX	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
GeoLITE	Radiation Effects/Survivability	P5/P6	Radiation Effects/Survivability
GPS IIF, IIR-M, III	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability	OTM	Radiation Effects/Survivability
KOMPSAT	WCA, Reliability Analysis, Radiation Effects/Survivability	DEEP IMPACT	Radiation Effects/Survivability
MILSTAR	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability	MOUS	Radiation Effects/Survivability
TRIDENT IMPROVEMENT	Radiation Effects/Survivability	SSIRU	Radiation Effects/Survivability

RECENT CUSTOMER LIST

CUSTOMER
AEROJET
BOEING
EMS TECHNOLOGY
IR/Advanced Analog
ITT
KELTEC/CRANE
L-3 CONIC
LOCKHEED SPACE & COMM
NGC-STS
NGC-SVS
NSSD/LITTON G&CS
SAIC
SIGNAL TECHNOLOGY/CRANE
VPT

5/16/2007

Space Customers

CUSTOMER	ENGINEERING EFFORT SUPPLIED
BOEING	Product Design,Radiation Effects/Survivability
EMS TECHNOLOGY	Radiation Effects/Survivability/WCA/ILS
GENERAL DYNAMICS	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
HUGHES	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
ITT	Product Design,Radiation Effects/Survivability/WCA
VPT	Product Design,Radiation Effects/Survivability/WCA
IR/ADVANCED ANALOG	Radiation Effects/Survivability/WCA
JOHNS HOPKINS UNIVERSITY (JHU) / APPLIED PHYSICS LAB	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
L-3 CONIC	WCA, Reliability Analysis, Radiation Effects/Survivability
LOCKHEED SPACE & COMM	WCA, Reliability Analysis, Radiation Effects/Survivability
McDONALD DOUGLAS	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
MOTOROLA	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
NSSD/LITTON G&CS	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
NGC-STIS	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
RAYTHEON	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
SIGNAL TECHNOLOGY/CRANE	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability
SPACE SYSTEMS / LORAL	Product Design, Radiation Effects Survivability
AEROJET	Radiation Effects/Survivability
NGC-SRS	Radiation Effects/Survivability
SPECTRUM ASTRO	Product Design, WCA, Reliability Analysis, Radiation Effects/Survivability

Team Radiation Facility Test Experience

- **Total Dose Sources**
 - Sandia Gamma Irradiation Facility
 - Sandia Shepherd Cell
 - Sandia Low Dose Rate Facility
 - MRC Cs137 CEL Lab
 - Sandia Low Dose Rate Facility
 - White Sands Fast Burst Co60 Facility
- **Prompt X-ray Source**
 - Double Eagle FXR Source
 - Python FXR Source
 - PR-1150 FXR Source
 - Sandia SPHINX
 - Honeywell Febetron
 - Sandia HERMES Source
 - MBS (PI and Maxwell)
 - AFRL/Kirtland Febetron
 - MRC Pulserad 112A FXR Source
 - Boeing North American Febetron
 - Naval Postgraduate School Pulserad 112A FXR
 - Aberdeen FXR Source
- **Heavy Ion/SEE Sources**
 - U.C. Davis Cyclotron
 - Texas A&M Cyclotron
 - LRL-Berkley Cyclotron
- **Neutron Sources**
 - White Sands Fast Burst Reactor Facility
 - Sandia SPR Fast Burst Reactor
 - Univ. of Lowell Reactor
 - Penn. State Univ.. Reactor
 - Aberdeen Fast Burst Reactor
- **Continuous X-ray Calibration and Noise Sources**
 - SAIC 150kV Ross Filtered Calibration Source
 - SAIC 16kV Henke Calibration Source
- **e-beam Sources**
 - JPL Dynamitron
 - White Sands LINAC
 - Little Mountain LINAC
- **RF & EMP Sources**
 - RADC Anechoic microwave facility
 - AFRL HEML CW Microwave Facility
 - DTRA HPD Facility
 - SAIC Current Injection Test facilities
 - EPA ELF Calibration Facility
 - EPA TEM Cell
- **Miscellaneous Sources**
 - MRC NICS/NODS Simulator
 - NOSC Infrared Sensor Laboratory
 - Brookhaven National Synchrotron Light Source
 - White Sands Thermal Radiation Facility

ENGINEERING DESIGN TOOLS - CAE/CAD

- P-SPICE (VERSION 8 & 9)
- MATH-CAD
- MATLAB
- EDWIN
- ORCAD CAPTURE
- RELEX - RELIABILITY PREDICTION
- EXCEL (and other)
- ALGOR