

Array E Time/Cycle
Sensitive List



The time/cycle sensitive list for Array E is shown below. These parts are the only ones in which a possibility exists that they may be operated or cycled close to their design limit. Logs will be kept on the cycling to insure that the design limits are not approached on items 1, 2 and 3. Item 4 is not used to more than 4% of its cycle life. Item 5 has a voltage "boost" capability to overcome gain degradation by command.

<u>Item No.</u>	<u>Description</u>	<u>Vendor & Type</u>	<u>Usage</u>
1.	Capacitors, Variable	Johanson JMC Series SCD No. 2346283	TTC Trans- mitter Motorola Receiver and LSPE
2.	Safe/Arm Slide Timer	Bulova SCD #2348420	LSPE
3.	Thermal Battery Timer	Bulova SCD #2348418	LSPE
4.	Filament, Ion Source	UTD P/N 151-425-01	LMS
5.	Multiplier Tube	UTD P/N 151-317-03	LMS

Prepared by: J. Hendrickson
J. Hendrickson
ALSEP Reliability P. E.

Approved by: S. J. Ellison
S. J. Ellison, Manager
ALSEP Reliability

Revision Note: Added Item 4 and 5