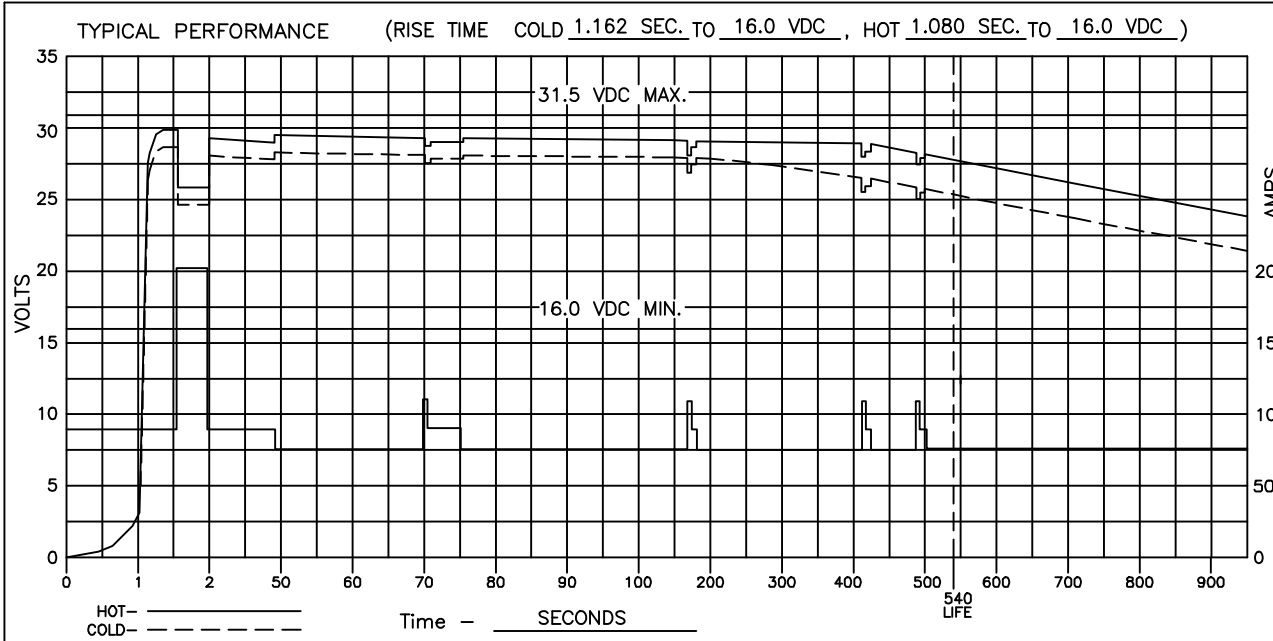


EAGLE-PICHER TECHNOLOGIES, LLC  
 FEDERAL SYSTEMS DEPARTMENT, ORDNANCE SYSTEMS OPERATION  
 P. O. BOX 47, JOPLIN, MO. 64801  
 TELEPHONE: 417-623-8000

TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12188 DATE 06-09-94

THERMAL BATTERY



ENVIRONMENTAL REQUIREMENTS (OPERATING)		
Temperature:	-40°C	+75°C/+80°C 30 MINUTES
Acceleration:	N/A	
Shock:	N/A	
Vibration:	10 Hz	0.010
	20 Hz	0.040
	30 Hz	0.040
	35 Hz	0.020 [10.4 GRMS]
	180 Hz	0.020
	250 Hz	0.075
	1000 Hz	0.075
	2000 Hz	-3dB/OCTAVE
Spin:	N/A	
Other:	N/A	

ELECTRICAL REQUIREMENTS
Voltage: 31.5 VDC MAX.
16.0 VDC MIN.
Load: 90 AMP BASE LOAD FROM 0 TO 40 SEC. WITH ONE 200 AMP, .40 SEC. PULSE AT 1.60 SEC. 75 AMP BASE LOAD FROM 40 TO 540 SEC. PLUS FOUR PULSES OF 110 AMP, 1.00 SEC., THEN 90 AMP, 4.00 SEC., AT 70, 170, 410, 490 SEC.
Rise Time: HOT: 1.2 SEC. MAX. TO 16.0 VDC
COLD: 1.6 SEC. MAX. TO 16.0 VDC
Life: 540 SECONDS
Activation: EP-360-3 PER MIL-STD-1512
Indicator: THERMOSTATIC SWITCH
Case and Header Material: 304 STAINLESS STEEL
Terminal Material: 52 Fe/Ni AND C1215 STEEL NICKEL PLATED

OUTLINE CONFIGURATION

Nominal Weight 10.3 kg

Nominal Volume 160.4 in<sup>3</sup>

