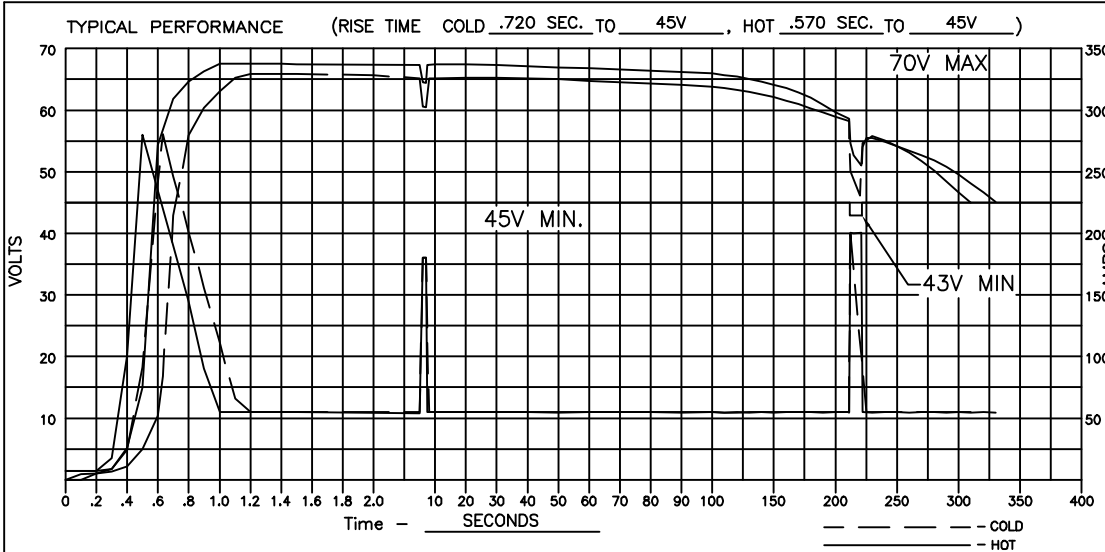


EAGLE-PICHER TECHNOLOGIES, LLC

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

THERMAL BATTERY
 TECHNICAL DATA SHEET FOR BATTERY NO. EAP-12053

DATE 1/29/90



ENVIRONMENTAL REQUIREMENTS (OPERATING)	
Temperature:	-30°F TO +130°F
Acceleration:	35G FORWARD, 15G AFT, 40G LATERAL
Shock:	156G, 1.78MS
Vibration:	RANDOM 7.42 GRMS±X±Y, 7.28 GRMS±Z
Spin:	N/A
Other:	N/A

ELECTRICAL REQUIREMENTS	
Voltage:	70V MAX, 45V MIN, 4.3V FROM 212 TO 222 SEC
Load:	0-1.2 SEC 280A
	1.2-1.6 SEC RAMP DOWN TO 55A
	1.6-60. SEC 55A
	6.0-7.5 SEC 180A
	7.5-212 SEC 55A
	212-222 SEC 200A
	222 SEC-LIFE 55A
Rise Time:	1.2 SEC TO 45V
Life:	222 SEC TO 45V
Activation:	DUAL SQUIBS IN EAP-6347A STARTER BATTERY
Indicator:	NONE
Case and Header Material:	HOMOGENIZED & SOLUTION TREATED 6061-T6 ALUM.
Terminal Material:	17-4 CHROME-NICKEL STAINLESS STEEL

