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OBJECT

M/700 SAFETY LEVER WITH VIEW HOLE

M/700 SEARS - NEW CHROME PLATE PROCESS

TEST STARTED - 9-29-82

TEST FINISHED - 10-7-82

TEST ORDER - C-1103

PRODUCTION

RECEIVED FROM DESIGN FIVE (5) M/700 FIRE CONTROLS FOR
4 CYCLE. THESE SAMPLES HAVE A NEW VIEW HOLE IN THE
SAFETY LEVER AND ALSO CHROME PLATED SEARS

TEST OBJECTIVE

~~TO EVALUATE THE VIEW HOLE IN THE SAFETY
LEVER FOR WEAR IN THE FIRE CONTROL CYCLE
SITUATION OF THE NEW CHROME PLATING PROCESS ON
THE SEARS FOR CRACKING OR PEELING.~~

TEST OBSERVATION

ALL SAMPLES ^{were tested} ~~run~~ A TOTAL OF 20,000 CYCLES each
WITHOUT ANY BREAKAGES OR WEARING OF CHROME occurring

TEST PROCEDURE

ALL SAMPLES WERE RUN IN A M/700 SAFE
OFF DRY CYCLE MACHINE WITH A CYCLE RATE
OF ONE EVERY SECOND

ST PROCEDURE (CONT'D)

INSPECTION CYCLE AND MEASUREMENTS WERE
TAKEN EVERY 2500 CYCLES

WPLE	SEAR SAFE ON	LIFT FWD HULL	SAFE ON	SAFE OFF	TRIGGER PULL	
0 CYCLES	.011	.0065	7.15	8.40	6.45	
000 "	.0105	.006	5.05	5.05	6.10	
0 CYCLES	.009	.0035	6.70	6.00	5.90	
0000 "	.0075	.002	4.65	3.75	6.35	
0 CYCLES	.009	.0045	8.90	6.90	5.90	
000 "	.0095	.0045	3.55	6.35	6.20	
0 CYCLES	.008	.003	7.10	8.85	5.35	
0000 "	.0075	.003	3.60	3.70	5.45	
0 CYCLES	.008	.0035	5.55	4.30	6.05	
0000 "	.008	.003	5.50	4.75	5.75	

TURF WORK.

~~NO SAMPLES ARE FORSEEN IN THE
FUTURE.~~

Additional testing ~~to~~ should be conducted
on Pilot lot if accepted.