

SAFETY DETENT PLUNGER

	<u>CURRENT</u>	<u>PROPOSED</u>
NOSE ANGLE	120°	100°
SURFACE AREA (In ²)	.0302	.0314 (Increase of 39%)
SAFE OFF FORCE (lbs)	1.75	2.50 (Increase of 39%)

MODEL 780
SAFETY LEVER AND DETENT SYSTEM

SAFETY DETENT PLUNGER SPRING

	<u>CURRENT</u>	<u>PROPOSED</u>
O.A.L. (In)	.370	.253
W.D. (In)	.015	.018
RATE (lbs)	10.6	59.6
LOAD @ .205" (lbs)	1.75 $\pm$.2	2.85 $\pm$.2

MODEL 788 SAFETY IMPROVEMENTS

- **INCREASED SAFETY OFF FORCE**
- **IMPROVED LOCATION OF SAFETY BUTTON**
- **ONE PIECE DESIGN SAFETY LEVER**
- **COST SAVINGS**

INVESTIGATION STAGES

• SAFETY DETENT PLUNGER

• SAFETY DETENT SPRING

• SAFETY LEVER



MODEL 788 SAFETY

- POTENTIAL PROBLEM
- SAFETY INVESTIGATION
- SOLUTION