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XP-700 A
DESIGN REQUIREMENTS
DESIGN MEETING 3-20-63

First objective - Military

Second objective - Convertible to commercial arm

Specific Requirements

Possible - change sights, finish and grips for commercial.

Grips to be made so that they can be removed or altered for different barrels.

Maximum weight - Three (3) lbs. w/o magazine.

Side feed - 5-20 round magazine.

Caliber - .221 fireball.

Adequate locking system.

Gas operated.

Standard XP-100 grip design (possibly longer).

Balance and feel similar to XP-100.

Overall length - approximately 17".

Ten and one-half inch (10½) barrel length (approximate).

Fifty (50) grain bullet min. average 2650 fps.

Sights - Peirce - adjustable for wind and elevation provide scope mounting possibilities.

Holster shoulder stock combination.

XP-700 Design Requirements

2.

Fire Control - 3 shot controlled burst or semi-auto.

Safety easily reached by either right or left hand.

Lock time - 4 mil. sec. or less.

Fire rate - 600 rounds per minute. One burst fire.

Military takedown.

Endurance - Barrel - 10,000 rounds.

Operating Handle - No protrusion into holster.

(attempt to stay away from handle on rear)

H. L. Chambers

HLC:bd
3/20/63