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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 - Peatridge - 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