



 **CALICO**[®]
LIGHT WEAPON SYSTEMS

ADVANTAGES OF CALICO'S HELICAL FEED CONCEPT

THE FUNCTION OF CALICO'S HELICAL FEED MAGAZINE CONCEPT:

- a. A RECTANGULAR WIRE TORSION SPRING TRANSFERS ENERGY VIA A SLIDING ANCHOR TO THE CARTRIDGE CARRIER, MAINTAINING A FLAT TORQUE CURVE TO FEED A FULL MAGAZINE. THE CARTRIDGE CARRIER EMPLOYS LONG HELICAL FLUTES, IN ORDER TO DELIVER THE CARTRIDGES TO THE FEED LIPS AT THE MOST ADVANTAGEOUS 'NOSE ANGLE.'
- b. AS CARTRIDGES ARE STRIPPED OFF THE FEED LIPS, THE CARTRIDGE CARRIER ROTATES FORCING CARTRIDGES AGAINST THE INTERNAL HELICAL WALL OF THE MAGAZINE SHELL.
- c. CARTRIDGES FOLLOWING THE HELICAL TRACK. THE CARTRIDGES ARRIVE AT THE FEED LIP, PARALLEL TO THE CHAMBER, ELIMINATING THE NEED TO MECHANICALLY ORIENT THE CARTRIDGE FROM A PERPENDICULAR POSITION.
- d. A TWO-PHASE CLUTCH, AT THE REAR OF THE MAGAZINE, ALLOWS FOR DISENGAGEMENT OF THE DRIVE SPRING, RELEASING PRESSURE ON THE CARTRIDGES FOR STORAGE OR LOADING AND FOR 'SILENT' WINDING, TO PROPERLY CHARGE THE MAGAZINE SPRING FOR USE.

1. HIGH CAPACITY

"RUNNING OUT OF AMMUNITION IS A MALFUNCTION."

THE SMALL ARMS MASTER PLAN STATES THE NECESSITY TO "RECOGNIZE SUPPRESSION AS A MAJOR FUNCTION OF SMALL ARMS" AND "SUPPRESSION, NECESSARY TO GENERATE THE FREEDOM OF MOVEMENT REQUIRED BY MANEUVER-ORIENTED AIRLAND BATTLE DOCTRINE, REQUIRES A HIGH VOLUME OF FIRE." "ACCURATE EFFECTIVE SUPPRESSION WOULD FACILITATE UNIT MOVEMENT."

- a. INTERRUPTION OF FIRE ALLOWS YOUR ADVERSARY THE OPPORTUNITY TO TAKE THE OFFENSIVE.
- b. LARGER MAGAZINE CAPACITY ENHANCES SUPPRESSION FIRE, ALLOWING MORE TIME FOR TACTICAL POSITIONING.
- c. LARGER MAGAZINE CAPACITY INCREASES CONFIDENCE AND CONTROL WHEN IN A VULNERABLE POSITION, SUCH AS, IN A DOORWAY, HALL, SMALL ROOM, STAIRWELL, SMALL BOAT, ON SENTRY DUTY, SERVING AS A V.I.P. SECURITY OFFICER OR FIELD TECHNICIAN.
- d. MORE ROUNDS PER MAGAZINE MEANS CARRYING FEWER SPARE MAGAZINES AND ALLOWS THE USER TO MORE CONSISTENTLY APPLY PRESSURE TO THE ENEMY. THE SMALL ARMS MASTER PLAN STATES "HISTORICALLY, MANEUVER WARFARE TACTICS HAVE BEEN A COMBAT MULTIPLIER OF ENORMOUS PROPORTION.

2. LOW PROFILE

"SMALLER TARGETS ARE HARDER TO HIT."

- a. CALICO'S HELICAL FEED SYSTEM ELIMINATES THE OBTRUSIVE 'T' SHAPE, FOUND IN MOST ASSUALT WEAPONS, SO THE OPERATOR CAN MANEUVER

WITH GREATER ABILITY. THE MAGAZINE IS LESS LIKELY TO COLLIDE WITH OBSTACLES, SUCH AS WINDOW SILLS, STAIR RAILS, VEHICLE DOORS AND FENCES.

- b. THE WEAPON MAY BE PASSED THROUGH SMALLER OPENINGS, SUCH AS TANK HATCHES, PORT HOLES, OR VEHICLE WINDOWS.
- c. WHEN "HITTING THE DECK", THE MAGAZINE IS NOT FORCED INTO THE BOLT, POSSIBLY CAUSING A MALFUNCTION, OR UNNECESSARILY SUBJECTING THE AMMUNITION TO MUD OR SAND CONTAMINANTS.
- d. THE OPERATOR MAY ASSUME A LOWER PROFILE WHEN PLACING THE WEAPON OVER A VEHICLE ROOF, SHOOTING FROM A TANK HATCH, LYING PRONE OR SHOOTING OVER AN OBSTACLE USED FOR COVER, ENHANCING THE OPERATOR'S SURVIVABILITY.
- e. IT TAKES UP LESS ROOM WHEN SPACE IS LIMITED, AS IN ARMORED VEHICLES, HELICOPTERS, OR FIELD ARMORIES.
- f. OUR DESIGN ALLOWS FOR A CONVENIENT PLACE OVER THE BARREL TO MOUNT LASER DESIGNATOR, LIGHTS OR REFLEX OPTICAL SIGHTS.

3. DOWNWARD EJECTION

"YOUR PARTNER SHOULDN'T HAVE TO EAT YOUR BRASS."

- a. THIS FEATURE CONSIDERABLY ENHANCES THE AMBIDEXTROUS FEATURES OF THE CALICO SYSTEM, MAKING IT FRIENDLIER TO A GREATER NUMBER OF USERS.
- b. WITH CALICO'S SYSTEM CARTRIDGES ARE NOT VIOLENTLY EJECTED TO THE SIDE, POSSIBLY STRIKING TEAM MEMBERS IN THE FACE.
- c. THE POSITION OF THE EJECTION PORT ALLOWS FOR AN OPTIONAL, PRACTICAL BRASS CATCHER TO BE EMPLOYED.
 - i. EACH TEAM MEMBER ACCOUNTS FOR EVERY ROUND FIRED IN A GIVEN ENGAGEMENT; THIS MAY BE A VITAL CONCERN FOR SECURITY FORCES.
 - ii. WHEN FIRING FROM INSIDE A VEHICLE, FLYING BRASS DOES NOT BECOME A DISTRACTION OR EVEN DANGEROUS.
 - iii. TEAM MEMBERS CAN FIRE SIDE BY SIDE IN A CONFINED AREA WITHOUT INTERFERENCE.
 - iv. FLYING CARTRIDGES DO NOT BECOME A PROBLEM WHEN FIRING NEAR HELICOPTER ROTOR BLADES, NUCLEAR POWER PLANT INSTRUMENTS, ON A ROLLING DECK, OIL RIG PLATFORM, ETC.
 - v. "BARRICADE" FIRING FROM THE RIGHT OR LEFT IS VERY PRACTICAL, GIVING THE SHOOTER A STEADY PLATFORM MOST OF THE TIME WHILE MAKING THE USER A SMALLER TARGET.
 - vi. BY ELIMINATING A STREAM OF FLYING BRASS, THE SHOOTER ASSUMES A REDUCED SIGNATURE.
 - vii. SOME MISSIONS MIGHT BE ENHANCED BY NOT LEAVING A TRAIL OF BRASS BEHIND.
 - viii. DURING ELIMINATES THE 'CLANK' OF BRASS STRIKING A HARD SURFACE.
 - ix. THE BRASS CATCHER HELPS TO PREVENT DIRT FROM ENTERING THE EJECTION PORT.
 - x. OBVIOUSLY, MANY MAN HOURS CAN BE SAVED DURING TRAINING BY ELINATING THE NEED TOO POLICE BRASS.

4. EXCEPTIONAL WEIGHT DISTRIBUTION

“THE OPERATOR BENEFITS BY PLACING THE WEIGHT OF THE AMMUNITION TOWARDS THE BODY.”

- a. BETTER BALANCE AND HANDLING CHARACTERISTICS, WHICH HELPS TO MINIMIZE OPERATOR FATIGUE.
- b. ENABLES THE OPERATOR TO HANDLE THE WEAPON AND EFFECTIVELY FIRE IT WITH ONE HAND. FOR INSTANCE: WHEN HOLDING ON TO A LADDER, HATCH, REPELLING LINE OR WHEN CARRING GEAR, AFFECTING A RESCUE OR DRIVING A VEHICLE.
- c. BECAUSE THE MAGAZINE IS LOCATED ON TOP OF THE WEAPON, PORTS, STRATEGICALLY LOCATED ON THE MAGAZINE CAN INSTANTLY INFORM THE OPERATOR OF THE APPROXIMATE NUMBER OF ROUNDS AVAILABLE.
- d. MAGAZINE CHANGES MAY TAKE PLACE IN FULL VIEW OF THE OPERATOR WITHOUT CHANGING THE POSITION OF THE WEAPON.

5. STORE MAGAZINES LOADED

“SHIP AND STORE LOADED MAGAZINES.”

- a. SAVES SPACE AND EFFORT BY NOT HAVING TO SHIP AND STORE MAGAZINES AND AMMUNITION SEPERATELY.
- b. SAVES PRECIOUS TIME IN THE FIELD BY NOT HAVING TO LOAD MAGAZINES IN ADVERSE CONDITIONS.
- c. HELPS TO CONTROL AMMUNITION CONTAMINATION, BY ELIMINATING THE NEED TO LOAD IN THE UNPREDICATBLE ENVIRONMENT OF ACTUAL OPERATIONS.
- d. ABLE TO DISENGAGE CLUTCH AFTER CHARGING AND RE-STORE THE LOADED MAGAZINE.
- e. EASY TO MANUALLY LOAD AND EVEN TOO LOAD WITH CALICO'S SPEED LOADER, BECAUSE THE SPRING PRESSURE CAN BE RELAXED.
- f. UNLOADS INSTANTLY WHEN A DIFFERENT TYPE OF AMMUNITION IS REQUIRED, DUE TO CALICO'S MOVABLE FEED LIP.

SPECIAL CHARACTERISTICS OF CALICO WEAPONS

1. ACCURACY

CALICO FIREARMS ARE VERY ACCURATE DUE TO THE FOLLOWING:

- a. CLOSED BOLT FIRING POSITION.
- b. SHOOTING HAND DIRECTLY IN LINE WITH BOLT AND BARREL.
- c. DISTINCT POINT-SHOOT ERGONOMIC CHARACTERISTICS.
- d. QUICK ADJUSTABLE POST FOR WINDAGE AND ELEVATION.
- e. FIXED BARREL.
- f. INSTANT CHOICE OF GHOST RING OR COMBAT SIGHT PICTURE.
- g. ADJUSTABLE FRONT "KELLY GRIP."

2. DURABILITY

CALICO FIREARMS ARE EXTREMELY DURABLE DUE TO THE FOLLOWING:

- a. SELECTION OF HIGHEST IMPACT AND WEAR RESISTANT MATERIALS FOR EACH PART.
- b. EACH STEEL OR ALUMINUM PART IS HEAT TREATED TO ITS OPTIMAL HARDNESS AND FINISHED WITH THE BEST CORROSIVE PROTECTION AVAILABLE.
- c. EACH PART AND ASSEMBLY IS DESIGNED FOR STRENGTH TO PROTECT THE FINISHED UNIT FROM EXCESSIVE PRESSURES WITHIN AND ALL FORMS OF BRUTAL EXPOSURE EXTERNALLY.
- d. CALICO WEAPONS ARE DESIGNED TO FUNCTION AFTER SUBMERSION TO 100 FEET OF SEA WATER.
- e. PARTS AND ASSEMBLIES ARE INTERCHANGEABLE, EASY TO SERVICE AND AVAILABLE OVERNIGHT.
- f. POLYMER PARTS ARE CHOSEN FOR OIL AND CHEMICAL TOLERANCE.

3. OTHER SPECIAL FEATURES OF CALICO FIREARMS

- a. STATIC BOLT HANDLE.
- b. (2) POSITION SLIDING BUTT-STOCK OR INSTANT TRANSFER TO (2) POSITION SOLID BUTT-STOCK.
- c. (2) POSITION BOLT STOP (FIRST POSITION ALLOWS CHAMBER INSPECTION WITHOUT POTENTIAL OF CHAMBERING A ROUND OR CHARGING WEAPON).
- d. TAKE DOWN OF ALL MAJOR ASSEMBLIES, MAGAZINE AND BOLT ACHIEVABLE WITHOUT TOOLS.
- e. SAFETY/SELECTOR DESIGNED FOR INSTANT MODE CHOICE, EVEN IN THE DARK, BECAUSE THE SAFETY INTERFERES WITH THE TRIGGER GUARD, SO THAT SHOOTER ALWAYS KNOWS WHAT CONDITION THE WEAPON IS IN.
- f. CALICO FIREARMS FEED HOLLOW POINT, HIGH VELOCITY AND SUBSONIC AMMUNITION.
- g. SLING SWIVELS MAY BE MOUNTED ON EITHER SIDE OF THE WEAPON IN VARIOUS POSITIONS.
- h. ALL AVAILABLE OPTICAL SIGHTS AND LASER DESIGNATORS ARE ADAPTABLE TO CALICO FIREARMS.
- i. MAGAZINES MAY BE INSTANTLY INSERTED OR REMOVED WITH ONE HAND.

- j. THE HIGH-CAPACITY FEATURE ENABLES THE SHOOTER TO CHARGE, RETREAT, CHANGE POSITION OR LAY DOWN SUPPRESSION FIRE WITH CONFIDENCE.
- k. THE DOWNWARD EJECTION FEATURE ENABLES THE SHOOTER TO OPERATE IN CLOSE QUARTERS, BARRICADE SHOOT RIGHT AND LEFT WITH EQUAL EASE, MAINTAIN A LOWER TARGET SIGNATURE AND UTILIZE THE CALICO BRASS CATCHER IF DESIRED.
- l. THE LOW PROFILE CHARACTERISTICS OF CALICO FIREARMS ALLOWS THE SHOOTER TO ASSUME A SMALLER TARGET POSITION AND MANEUVER AROUND OBSTACLES WITH A MUCH GREATER AGILITY THAN BOX MAGAZINE FED WEAPONS.
- m. THE ABILITY TO STORE THE MAGAZINE LOADED SAVES VALUABLE TIME, SPACE AND KEEPS AMMUNITION FROM BEING CONTAMINATED OR LOST IN THE FIELD.
- n. THE RATE OF FIRE IS OFFERED AT A SPEED THAT ALLOWS THE SHOOTER TO ACHIEVE DOUBLE AND TRIPLE HITS CONSISTENTLY. CUSTOM RATES OF FIRE ARE AVAILABLE BY EXCHANGING AN EASILY REMOVABLE ASSEMBLY AVAILABLE AT THE FACTORY.
- o. THE COMPENSATOR IS ADJUSTABLE TO BRING OUT THE BEST IN EACH SHOOTER AND AID IN KEEPING THE WEAPON ON TARGET DURING AUTOMATIC FIRE.
- p. THE HELICAL FEED MAGAZINE SYSTEM, WHICH IS THE HEART OF ALL CALICO WEAPON SYSTEMS, TREATS EACH ROUND AS A "ROLLER BEARING" DURING RAPID FIRE OR AUTOMATIC OPERATION.
- q. BECAUSE THE MAGAZINE IS LOCATED ABOVE AND TO THE REAR OF THE CHAMBER, THE CENTER OF GRAVITY OF THE WEAPON IS CLOSER TO THE SHOOTER, ENHANCING HANDLING CHARACTERISTICS AND MINIMIZING FATIGUE.
- r. CALICO WEAPONS ARE DESIGNED AND PRODUCED IN AMERICA AND PROTECTED BY (14) MECHANICAL PATENTS. TACTICAL TRAINING IS EASILY LEARNED AND AVAILABLE WORLDWIDE.

Calico Light Weapon Systems

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Sporting Goods Suggested Retail Price List Effective January 1, 2007

<u>Part Number</u>	<u>Description</u>	<u>Suggested Retail</u>
<u>Magazines</u>		
M-207	.22LR 100rd Magazine, Black	\$137.70
M-913	9mm 50rd Magazine, Black	\$127.50
M-912	9mm 100rd Magazine, Black	\$153.00
<u>Softgoods</u>		
M-920	9mm Brass Catcher, Cordura, 150 Castings	\$40.80
M-970	9mm Shoulder Rig & Magazine Pouch	\$86.70
M-975	9mm Magazine Pouch, 50rd. Or 100rd.	\$25.50
M-980	9mm Tactical Sling	\$29.58
M-175	.22LR / 9mm Web Rifle Sling	\$19.38
M-191	.22LR / 9mm Carrying Case	\$76.50
M-170-1	.22LR Magazine Single Pouch	\$31.88
M-170-2	.22LR Magazine Double Pouch	\$42.88
M-171	.22LR Holster for Rifle or Pouch	\$42.50
<u>Sighting Aids</u>		
M-155	.22LR Scope Mount, Weaver Base	\$76.50
M-206	.22LR Pistol Rear Sight	\$10.20
M-925	9mm Scope Mount, Weaver Base	\$86.70
M-930	9mm Laser Mount, Carbine, Weaver Base	\$66.30
M-931	9mm Laser Mount, Pistol, Weaver Base	\$66.30
<u>Additional Accessories</u>		
M-905	9mm Speed Loader, 50rd.	\$66.30
M-918	9mm Front Kelly Grip	\$56.10
M-929	9mm Bipod Folding	\$86.70
M-927	9mm Solid Buttstock with Rails	\$96.90
M-928	9mm Club Buttstock with Rails	\$76.50
M-940	9mm Compensator (Specify Pinned or Threaded)	\$71.40
M-156	.22LR Folding Stock kit	\$96.90
M-156FS	.22LR Fixed Butt Stock kit	\$96.90
M-150	.22LR Bipod Folding	\$86.70
Manuals	Specify Which Model	\$6.25