COMING TO GRIPS WITH EFFECTIVENESS IN RIFLES

WHY WORRY ABOUT RIFLES?

- THE RIFLE IS THE MOST BASIC -- AND PROBABLY THE MOST IMPORTANT -- WEAPON OF WAR
- WITH ONE EXCEPTION, U.S. ORDNANCE
 HAS BEEN MAKING A MESS OF RIFLE
 TDEAS, RIFLE DESIGN, AND RIFLE
 PRODUCTION FOR OVER A CENTURY
- WHAT MAKES A RIFLE EFFECTIVE IN
 A SQUAD FIREFIGHT, YOU CAN'T TELL
 A GOOD RIFLE FROM A BAD ONE AND
 YOU CERTAINLY CAN'T DEVELOP A
 BETTER ONE

HOW ARE RIFLES REALLY USED IN COMBAT?

- · THEY ARE FIRED BY MEN WHO ARE;
 - INADEQUATELY TRAINED
- OVERLOADED

- STRESSED BY FEAR AND FATIGUE
- · DISTANCE TO TARGET IS NEVER KNOWN
- O MOST TARGETS ARE NEVER SEEN JUST FAINT LOCATION CUES
- O TIME PRESSURE IS EXTREME -- A SECOND'S DELLAY IN FIRING CAN GET YOU KILLED
- BE SUSTAINED OVER TIME
- COMBAT PERMITS AIMED SEMI-AUTO FIRE LESS THAN 20% OF THE TIME (1973 ISRAELI COMBAT DATA - GOL. UZI STUDY)

CONCLUSIONS :

- "COMBAT SHOOTING SKILLS HAVE NO RESEMBLANCE TO MARKSMANSHIP SHOOTING SKILLS
- * TEST RESULTS FROM KNOWN DISTANCE RANGES TELL YOU NOTHING ABOUT COMBAT EFFECTIVENE

GOAL: ESTABLISH FIRE SUPERIORITY IN THE

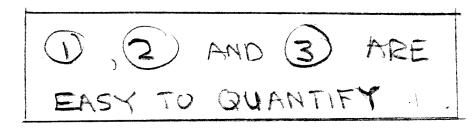
FIREFIGHT QUICKLY -- AND BE ABLE TO

SUSTAIN FIRE SUPERIORITY WITH THE

AMMO YOU'RE CARRTING

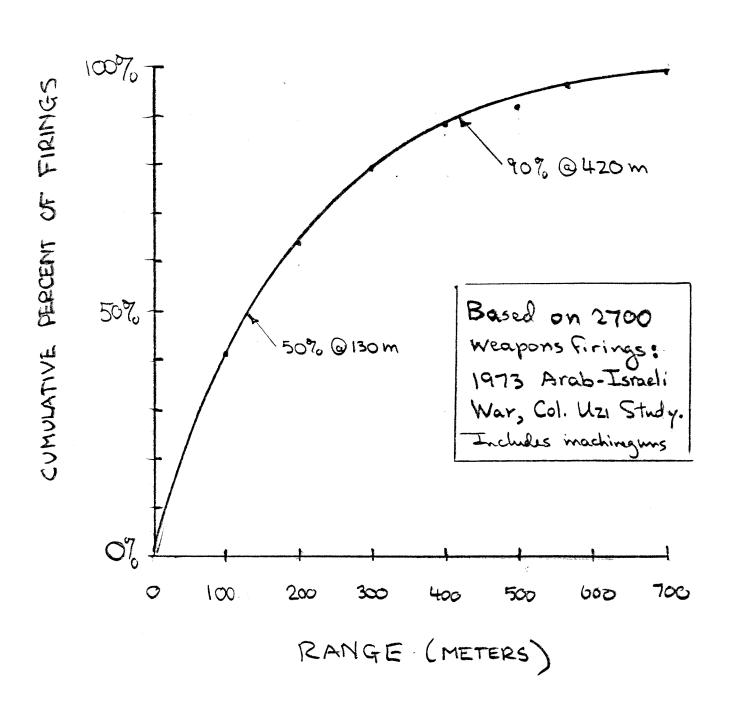
- (AND INCAPACITATE)

 HIT AS MANY OF THE ENEMY AS POSSIBLE,
 AS "EARLY AS POSSIBLE
- (2.) FORCE THE ENEMY DOWN EARLY AND KEEP HIM DOWN WITH CONTINUING MEAR MISSES
- MEEP UP EFFECTS 1) AND 2) AS LONG AS POSSIBLE, WITHIN THE RIFLEMAN'S LOAD LIMIT ASSIGNED TO RIFLE AND AMMO.



- MAN-MINUTES OF ENEMY FIRING
 OPPORTUNITY (WITHIN A 3 MINUTE
 FIREFIGHT)
- 2 NUMBER OF NEAR MISSES (OR RATE)
- 3 MINUTES OF FIRE AVAILABLE WITHIN AMMO LOAD

WHAT DISTANCES COUNT IN SMALL ARMS COMBAT?



LISED TRAINED & ALT TROUPS HELD EXPERIMENT-1088

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LIEGRALISTIC SERECTIVENESS CRITERIAS HARD. TO THIS

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WEIGHT-LIMITED RIFLEMAN

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LITERAS CRITERIAS HARD. TO THIS

SUPPRESSION (TOTAL NEAR MISSES)

SCHIFFGANT UNEXPECTED RESULTS.

ITALES AS RELIABLE AS M-14 WHICH IS 5 TIMES.

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AD ITALE REPORTED AND MACHINE OUR REQUISE.

EVOID RIBBE WEEK AND MACHINE OUR REQUISE.