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THE 7.62mm KAL 2 SELF LOADING RIFLE

GENERAL INFORMATION

General

1. In 1970, Capt Kevin Loughrey whilst a cadet at RMC Duntroon designed and built a 7.62mm weapon based on the LIAI 7.62mm SLR. The weapon designated the KAL 1 had many advantages over the LIAI. A second prototype the KAL 2 (photo on folder cover) was an improvement on the KAL 1. A few of the characteristics are as follows:-

	CHARACTERISTICS	7.62mm LIAI SLR	7.62mm KAL 2
a	Overall length	45"	32"
b	Length of barrel	21"	21"
c	Effective range	300 m	300 m
d	Balance	Unbalanced unless steadying hand on forestock	Balanced when held with the firing hand so the steadying hand may be used to direct troops.etc.
e	Close quarter fighting	Unsuitable	Suitable
f	Accuracy	Less accurate than KAL 2	More accurate than LIAI due to its stability
g	Suitability for specialist roles	Less suitable than KAL 2	More suitable than LIAI
	veh mounted	"	"
	parachuting	"	"
	climbing	"	"
	guerilla warfare	"	"
	water operations	"	"
	patrolling	"	"

2. The KAL 2 is presently at the Infantry Centre Singleton and could be sent over to SASR for trials. Capt Loughrey has told me to contact Capt Thompson at the Infantry Centre and the weapon will be sent across to SASR.

3/ The weapon


3. The weapon would generate a lot of interest in SASR and could be developed if there was a user required for it.

Conclusion

4. The 7.62mm KAL 2 appears to be far more suitable for specialist troops than does the 7.62mm LIAI.

Recommendation

5. It is recommended that Capt P.A. Cullinan arranges for the KAL 2 to be sent over to SASR for trials.

  
(P.A. CULLINAN)  
Capt  
K Tp Comd

Attachments

Photos & Notes on the KAL 1&2.