

s.15(1)

BRIEFING NOTE FOR THE ACLS**LAV III ROLLOVERS**

1. To provide the ACLS with information related to LAV III Rollovers since being acquired.

BACKGROUND

2. Since the acquisition of the LAV III by the CF there have been nine recorded rollovers that resulted in: one death, a number of injuries and property damage. In a review conducted in Dec 02, it was discovered that six rollovers had occurred of which four could be related to driver experience and speed and two to driving or stopping too close to the edge of a road or embankment. Four of the rollovers were in Canada and two were in the In Mar 03 CANLANGEN 004/03 (Flag A) was issued to address the driver training and speed problem and there have not been any subsequent rollovers attributable to those issues.

3. Since that time there have been three additional rollovers and they have all been associated with either stopping or driving too close to the edge of the road and the edge giving way and the vehicle sliding into the ditch and rolling over.

DISCUSSION

4. The LAV III is a safe vehicle if operated within the following parameters; 60% front slope and 30% side slope. It has a hydro gas suspension that makes it smooth riding over rough terrain. It has a 350 HP six-speed power pack that also makes it capable of moving cross-country at high speeds. Being a wheeled vehicle travel is normally carried out on roads. The last four accidents have occurred due to the LAV III going too close to the edge of the road and the edge giving way due to the excessive weight.

5. The following is a list of the six rollovers that have occurred to CF vehicles:

- a. 17 Apr 04 - 12 RBC Bosnia – the LAV III was traveling down the road and pulled over to allow an on-coming truck to pass. Driver pulled over too far to the right and the vehicle slipped off the side of the road and rolled down an embankment into a ravine. Two injuries (Flag B).
- b. 15 Apr 04 - Infantry School Gagetown – Vehicle moving down road pulled over to right to allow an on-coming HLVW to pass. Driver pulled too far right and started to slip sideways off of road and rolled over. No injuries; however, there was a HAZMAT spill.
- c. Early 2003 - Bosnia – Desk Officer indicated that there was a LAV III rollover; however, there are no details of the incident at this time. Will check further.
- d. 13 Nov 02 - 1 R22eR Gagetown – Vehicle stopped at a junction in the trail too close to the right shoulder. The driver attempted to get out of the ditch but could not. He got off of the vehicle, the ground appeared to give way and the vehicle rolled. The Crew Commander and four passengers were not injured the driver injured his left knee and right wrist.