2 . -500° was going to crash, he grabbed the control column and pulled back. Nothing apparently happened and, as a last, desperate move, he pulled the tail trim tab right back. The aircraft responded to this but, as it pulled out, it struck the ground, bounced and then struck the ground violently in a crash. Pilot McClain was thrown clean out of the aircraft, pilot Whitehead remaining in the front cockpit. No apparent reason can be found for the sudden dive after coming out of the second loop unless pilot McClain endeavoured to execute a bunt. Pilot Whitehead states he did not notice any hard forward movement of the control column as he was watching the airspeed indicator. In view of the loss of memory suffered by pilot McClain, no satisfactory conclusion can be drawn. It is recommended that the Information Circular No. 0/18/34 , covering the restrictions in the use of dual controls, be amended to read that only a qualified instructor be permitted to fly with another pilot in a dual controlled aircraft. This will eliminate possible future accidents of a similar nature. Respectfully submitted. FW13one F. W. Bone, Assistant Inspector, Air Regulations. FWB/MH