AAIB Bulletin No: 5/94 **Ref: EW/G93/12/11** **Category: 1.3**

Aircraft Type and Registration:	Piper PA-28-161 Cherokee Warrior II, G-LACB
No & Type of Engines:	1 Lycoming O-320-D3G piston engine
Year of Manufacture:	1982
Date & Time (UTC):	14 December 1993 at 1115 hrs
Location:	Manchester (Barton) Airfield, Lancashire
Type of Flight:	Private
Persons on Board:	Crew - 1 Passengers - 2
Injuries:	Crew - None Passengers - None
Nature of Damage:	Minor damage to right wing leading edge, tip and navigation light
Commander's Licence:	Private Pilot's Licence
Commander's Age:	37 years
Commander's Flying Experience:	565 hours (of which approximately 400 were on type) Last 90 days - approximately 40 hours Last 28 days - approximately 20 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

After a local flight the pilot reports that he returned to overhead Barton Airfield and, with no other traffic in the circuit, commenced a practice forced landing from 1,500 feet. He closed the throttle and positioned the aircraft for a right-hand glide approach to Runway 27. In order to keep the aircraft close to the airfield, the circuit was fairly tight and, during the final turn, the pilot realised that he was too low and could not tighten the turn any further. He therefore applied full power for a go-around. The aircraft initially continued to sink and before a rate of climb was established the right wing contacted a hawthorn hedge situated near the runway threshold. When the aircraft was levelled at circuit height the pilot noticed a dent in the leading edge of the right wing and declared an emergency on the Barton Air/Ground radio frequency. The airfield emergency service was alerted as a precaution and the aircraft was landed without further incident.