

ACCIDENT

Aircraft Type and Registration:	Ikarus C42 FB100, G-HIJN	
No & Type of Engines:	1 Rotax 912 ULS piston engine	
Year of Manufacture:	2004	
Date & Time (UTC):	9 April 2010 at 1000 hrs	
Location:	RAF Woodvale, Merseyside	
Type of Flight:	Training	
Persons on Board:	Crew - 2	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Left main landing gear failed	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	38 years	
Commander's Flying Experience:	4,538 hours (of which 476 were on type) Last 90 days - 126 hours Last 28 days - 38 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Whilst carrying out a training flight in the Ince Blundell airfield circuit, the instructor was informed by personnel on the ground that the left main landing gear structure appeared to have failed. After completing a low pass, the ground personnel confirmed the failure so the instructor declared a PAN and diverted to RAF Woodvale, where a successful landing was carried out. Examination of

the aircraft confirmed that the left main landing gear axle had failed due to a previously unidentified crack, which had propagated in fatigue. The aircraft was used primarily for training from grass runways which, the owner believed, contributed to the crack formation and growth.