

ACCIDENT

Aircraft Type and Registration:	Beech F33A, N999F	
No & Type of Engines:	1 Continental Motors Corp IO 520-BB	
Year of Manufacture:	1988 (Serial no: CE-1282)	
Date & Time (UTC):	21 June 2014 at 1515 hrs	
Location:	Jersey Airport	
Type of Flight:	Private	
Persons on Board:	Crew - 2	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Damage to left wing and landing gear	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	65 years	
Commander's Flying Experience:	1,177 hours (of which 501 were on type) Last 90 days - 10 hours Last 28 days - 5 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

The left gear leg failed to lock down prior to landing and slowly collapsed during the landing roll, causing the aircraft to veer off the runway. The gear extension rod for the left gear leg was subsequently found to have failed in compression, but the reason for the failure was not evident.

History of the flight

The aircraft was inbound to Jersey Airport. The pilot was unable to obtain a green light for the left landing gear, despite several checks and attempts to recycle the gear. He made an approach knowing that the left gear leg might not be locked down. After the aircraft touched down, the left gear leg slowly collapsed and the aircraft veered off the runway onto the grass.

Additional information

The landing gear actuation system on the F33A Bonanza consists of a central gearbox that drives three gear extension rods, one for each of the three gear legs. The gear extension rod for the left gear leg was found to have failed in compression.

This aircraft had suffered a gear leg collapse on landing in 2006. In November 2012, the extension rod for the left gear leg was found to be bent during the annual inspection

and was replaced. It was this replacement extension rod that failed in compression at Jersey.

The cause of the failure to the extension rod was not determined, but the central gearbox is being replaced as a precaution.