

**Aviation Safety Investigation Report  
199402001**

**Piper Aircraft Corp  
Seneca III**

**27 July 1994**

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**NOTE: All air safety occurrences reported to the ATSB are categorised and recorded. For a detailed explanation on Category definitions please refer to the ATSB website at [www.atsb.gov.au](http://www.atsb.gov.au).**

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

**Occurrence Number:** 199402001                      **Occurrence Type:** Accident  
**Location:** Horn Island  
**State:** QLD    **Inv Category:** 4  
**Date:** Wednesday 27 July 1994  
**Time:** 1634 hours                                  **Time Zone** EST  
**Highest Injury Level:** None

**Aircraft Manufacturer:** Piper Aircraft Corp  
**Aircraft Model:** PA-34-220T  
**Aircraft Registration:** VH-SKJ    **Serial Number:**  
**Type of Operation:** Air Transport Domestic Low Capacity Positioning  
Scheduled  
**Damage to Aircraft:** Substantial  
**Departure Point:** Kubin Island QLD  
**Departure Time:** 1629 EST  
**Destination:** Horn Island QLD

**Approved for Release:** Thursday, March 7, 1996

The left main landing gear indicated unsafe after the pilot selected gear down. The gear was recycled, and the emergency extension procedure applied with the same result. During the subsequent landing, as the aircraft slowed, the left main gear collapsed.

Inspection revealed that the left main gear trunnion pivot pin had partially seized. This had prevented both the normal and emergency extension. Although the component had been lubricated as required by maintenance procedures, the lubricant had not penetrated the full length of the pin, leading to the partial seizure.