



Date : 20 November 2015  
Type : Piper PA 28-181  
Registration : N9297N  
Operator : Private Owner  
Fatality : 0  
Nature : Engine failure during flight  
Location : Senai International Airport Golf Course, Johor Bharu

## **SUMMARY**

On 20 November 2015, a United States of America (USA) registered aircraft, N9297N) aircraft took off from Senai International Airport, Johor, Malaysia with only 1 (one) pilot or person on board. The pilot was also the Captain of N9297N aircraft. The Captain did the general handling flight on N9297N aircraft.

The flight callsign that the Captain used for N9297N aircraft was FRAS 03. In fact, N9297N was under the maintenance care of FRAS Flying Club, Senai International Airport, Johor, Malaysia.

The Captain of N9297N aircraft took off at about 12:25 LT for local training flight. The training area was to the West of Senai International Airport with fuel endurance of about 3 hours. After completed the operations at the training area, N9297N re-joined the Senai International Airport and to continue with the circuit and landing training for left-hand circuit of Runway 16.

Owing to the scheduled arrival of commercial aircraft, N9297N was directed to hold at the West of Senai International Airport at 1,000 ft.

At 13:04 LT, Captain of N9297 aircraft requested to land and at the same time calling Mayday due to engine failure. Senai International Airport Air Traffic Control copied his message and also cleared Captain to proceed to Final of Runway 16. Subsequent to this message to Captain of N9297N aircraft, all other commercial aircraft were hold at various positions in allowing N9297N aircraft in allowing N9297N aircraft to take immediate priority to land. Crash alarm was pressed/activated for the Airfield Fire and Rescue Services (AFRS) to put on Standby.

At 13:06 LT, Captain of N9297N aircraft informed Senai International Airport Air Traffic Control Tower that N9297N aircraft was making an emergency landing at Senai International Airport Golf Course as the Captain mentioned that he was unable to make and land at Runway 16.

N9297N aircraft was successfully forced landed on the Senai International Airport Golf Course. Captain of N9297N called Senai International Airport Air Traffic Control Tower that he was safe with minor injury.

Although N9297N was successfully landed by the Captain, it ran out of landing space and collided with a tree finally.



N8287N was totally damaged during the final collision with the tree, i.e. N9297N aircraft suffered total loss.

### **PROBABLE CAUSE**

The probable cause of the engine failure or engine power loss while holding to the West of Senai International Airport at 1,000 ft was owing to presence of fuel sentiments in the fuel tank.

### **SAFETY RECOMMENDATIONS**

It is recommended that:

1. The engineering practices and maintenance procedures of the aircraft are to be conducted correctly in continuously.
2. Water sentiments' presence in the fuel tank or fuel system is to be carried out properly during the preflight checks by the engineering personnel and Captain prior to taking the aircraft for flying.