



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Grass Valley, CA	Accident Number:	WPR19LA117
Date & Time:	04/19/2019, 1340 PDT	Registration:	N621JM
Aircraft:	Nanchang CJ 6	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

On April 19, 2019, about 1340 Pacific daylight time, a Nanchang CJ 6 airplane, N621JM, was substantially damaged when it nosed over following a runway excursion at the Nevada County Airport (GOO), Grass Valley, California. The airplane was registered to and operated by the pilot under the provisions of Title 14 *Code of Federal Regulations Part 91* as a personal flight. The private pilot and passenger sustained minor injuries. Visual meteorological conditions prevailed and no flight plan was filed for the cross-country flight, which originated from Auburn, California, about 1300 with an intended destination of GOO.

The pilot reported that following an uneventful landing on runway 25, a 4,657 ft long and 75 ft wide asphalt runway, he extended his landing roll due to traffic on one of the taxiways. As the airplane neared the pilot's intended taxiway, he applied left rudder and lightly depressed the brake handle. About 30° into the left turn, the brakes failed, and the airplane exited the asphalt taxiway surface. Due to obstructions ahead, and the down sloping terrain, the pilot applied right rudder and engine power to realign the airplane with the runway. Shortly after, the airplane overran the departure end of the runway, and traveled downslope while airborne. The airplane then touched down and struck a dirt berm before it collided with a fence, nosed over and came to rest inverted.

Examination of the airplane by local law enforcement revealed that the airplane sustained substantial damage to the fuselage and both wings. The wreckage was recovered to a secure location for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	Nanchang	Registration:	N621JM
Model/Series:	CJ 6 A	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KGOO, 3153 ft msl	Observation Time:	1355 PDT
Distance from Accident Site:	0 Nautical Miles	Temperature/Dew Point:	3° C / 6° C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	6 knots / , 240°
Lowest Ceiling:	None	Visibility:	10 Miles
Altimeter Setting:	29.99 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Auburn, CA (AUN)	Destination:	Grass Valley, CA (GOO)

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	39.223889, -121.013333

Administrative Information

Investigator In Charge (IIC):	Joshua Cawthra
Additional Participating Persons:	Dennis DeGolia; Federal Aviation Administration; Sacramento, CA
Note:	The NTSB did not travel to the scene of this accident.