



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Phoenix, AZ	Accident Number:	WPR17LA004
Date & Time:	10/12/2016, 1011 MST	Registration:	N509CA
Aircraft:	ROCKWELL INTERNATIONAL 112A	Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

On October 12, 2016, about 1011 mountain standard time, the pilot of a Rockwell International 112A, N509CA, reported to air traffic control that the airplane had an engine problem, and was unable to maintain altitude. The airplane subsequently impacted terrain in a train yard about 3 miles west of the Deer Valley Airport (DVT), Phoenix, Arizona. Sho Co Kids LLC operated the airplane under the provisions of 14 Code of Federal Regulations Part 91, as a personal flight. The pilot and passenger were seriously injured, and the airplane sustained substantial damage. The flight departed Falcon Field Airport (FFZ), Mesa, Arizona, at an unknown time, with an intended destination of Lake Havasu City Airport (HII), Lake Havasu City, Arizona. No flight plan was filed.

According to tower personnel from DVT, the pilot requested to return to FFZ due to high engine oil temperature, and the airplane was losing altitude.

An investigator from the National Transportation Safety Board (NTSB), an inspector from the Federal Aviation Administration (FAA), and a representative from Lycoming Engines, responded to the accident site. A visual examination of the engine revealed a hole in the crankcase at the number 4 cylinder.

The airplane was recovered for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	ROCKWELL INTERNATIONAL	Registration:	N509CA
Model/Series:	112A A	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	SHO CO KIDS LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DVT, 1478 ft msl	Observation Time:	0953 MST
Distance from Accident Site:	3 Nautical Miles	Temperature/Dew Point:	27° C / 1° C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	8 knots / , 130°
Lowest Ceiling:	None	Visibility:	10 Miles
Altimeter Setting:	30.02 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	MESA, AZ (FFZ)	Destination:	LAKE HAVASU CITY, AZ (HII)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Tealeye Cornejo
Additional Participating Persons:	Mike Moyer; Federal Aviation Administration; Scottsdale, AZ Mark Platt; Lycoming Engines; Williamsport, PA
Note:	The NTSB traveled to the scene of this accident.