



National Transportation Safety Board Aviation Accident Data Summary

Location:	WELLINGTON, NV	Accident Number:	LAX98LA037
Date & Time:	11/01/1997, 0930 PST	Registration:	N44JR
Aircraft:	Rodgers/Gaust RV-6	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

All engine power was suddenly lost while cruising over mountainous terrain in the pilot's experimental airplane. The pilot made a forced landing on a soft, brush-covered field, and during rollout the airplane nosed over. The pilot indicated that the power loss resulted from the engine's mixture control cable breaking due to fatigue at its carburetor attachment fitting. The component had a total time in service of 114 hours.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Fuel starvation due to a fatigue fractured mixture control cable. Contributing factors were the soft, brush-covered emergency landing field.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: CRUISE - NORMAL

Findings

1. (C) MIXTURE CONTROL,CABLE - FRACTURED
2. (C) MIXTURE CONTROL,CABLE - FATIGUE
3. (C) FLUID,FUEL - STARVATION

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - OPEN FIELD
5. (F) TERRAIN CONDITION - HIGH VEGETATION

Occurrence #4: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings

6. (F) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	49
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1715 hours (Total, all aircraft), 114 hours (Total, this make and model), 1715 hours (Pilot In Command, all aircraft), 60 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Rodgers/Gaust	Registration:	N44JR
Model/Series:	RV-6 RV-6	Engines:	1 Reciprocating
Operator:	JERRY T. RODGERS	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360-A1A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	16° C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	BISHOP, CA (BIH)	Destination:	CARSON CITY, NV (O04)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	WAYNE POLLACK	Adopted Date:	01/28/2000
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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