



Aviation Investigation Final Report

Location:	BURBANK, California	Accident Number:	LAX91LA161
Date & Time:	April 6, 1991, 16:50 Local	Registration:	N4632W
Aircraft:	ROCKWELL 112TCA	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE FLIGHT ORIGINALLY DEPARTED BRACKETT AIRPORT, LA VERNE, CA, AND FLEW TO BIG BEAR CITY, CA, AND THEN TO VAN NUYS, CA. THE PILOT REPORTED THAT HE DEPARTED WITH FULL TANKS. THE FLIGHT THEN DEPARTED VAN NUYS TO RETURN TO BRACKETT. ABOUT 10 MINUTES INTO THE FLIGHT THE PILOT REPORTED TO BURBANK TOWER THAT THE AIRPLANE RAN OUT OF GAS. DURING THE SUBSEQUENT FORCED LANDING THE AIRPLANE COLLIDED WITH A RESIDENCE. EXAMINATION OF THE WRECKAGE DISCLOSED NO EVIDENCE OF ANY FUEL IN THE TANKS AND ONLY TRACES OF FUEL IN THE ENGINE FUEL SYSTEM.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THAT THE PILOT FAILED TO PROPERLY PREFLIGHT THE AIRPLANE AND MISCALCULATED THE AIRPLANE'S FUEL CONSUMPTION. CONTRIBUTING TO THIS ACCIDENT WAS FUEL EXHAUSTION.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: CLIMB - TO CRUISE

Findings

1. SINGLE ENGINE AIRCRAFT

2. (F) FLUID,FUEL - EXHAUSTION
3. (C) AIRCRAFT PREFLIGHT - IMPROPER - PILOT IN COMMAND
4. (C) FUEL CONSUMPTION CALCULATIONS - IMPROPER - PILOT IN COMMAND

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

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

5. OBJECT - RESIDENCE

Factual Information

Pilot Information

Certificate:	Commercial	Age:	53, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	May 25, 1990
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	1400 hours (Total, all aircraft), 30 hours (Total, this make and model), 1400 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ROCKWELL	Registration:	N4632W
Model/Series:	112TCA 112TCA	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	13162
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	September 1, 1990 Annual	Certified Max Gross Wt.:	3150 lbs
Time Since Last Inspection:	64 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	1370 Hrs	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated	Engine Model/Series:	TO-360-C1A6D
Registered Owner:	WM BAXTER/RICHARD PURVIS	Rated Power:	210 Horsepower
Operator:	WM BAXTER/RICHARD PURVIS	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BUR ,775 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	16:50 Local	Direction from Accident Site:	360°
Lowest Cloud Condition:	Thin Overcast / 2000 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	22°C / 11°C
Precipitation and Obscuration:	N/A - None - Haze		
Departure Point:	VAN NUYS , CA (VNY)	Type of Flight Plan Filed:	None
Destination:	LA VERNE , CA (POC)	Type of Clearance:	None
Departure Time:	16:45 Local	Type of Airspace:	

Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced landing

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	34.170196,-118.339874(est)

Administrative Information

Investigator In Charge (IIC):	Llorente, A.
Additional Participating Persons:	RONALD STROMAN; VAN NUYS , CA
Original Publish Date:	December 30, 1992
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=27161

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