



# Aviation Investigation Final Report

<b>Location:</b>	BUCKEYE, Arizona	<b>Accident Number:</b>	LAX86LA086
<b>Date &amp; Time:</b>	January 11, 1986, 12:45 Local	<b>Registration:</b>	N95009
<b>Aircraft:</b>	TAYLORCRAFT BC12-D	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

WHILE ON A PERSONAL FLIGHT TO A PRIVATELY OWNED AIRSTRIP, THE ACFT COLLIDED WITH WIRES LOCATED AT THE WEST END OF THE AIRSTRIP WHILE ON FINAL APPROACH TO RUNWAY 08. THE PILOT INITIALLY REPORTED THAT HE HAD MISJUDGED THE AIRCRAFT HEIGHT AND COLLIDED WITH THE WIRES. IN THE PILOT/OPERATOR AIRCRAFT ACCIDENT REPORT FORM THE PILOT REPORTED THAT THE SUN PREVENTED HIM FROM SEEING THE WIRES. THE LOCATION AND BEARING TO THE SUN AT THE TIME OF THE ACCIDENT WAS 35 DEG ABOVE THE HORIZON AND A MAGNETIC BEARING OF ABOUT 169 DEG. THE WIRES WERE UNMARKED AND REMOVED BY THE ARIZONA PUBLIC SERVICE COMPANY SUBSEQUENT TO THE ACCIDENT.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

### Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

#### Findings

1. (F) OBJECT - WIRE, TRANSMISSION
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND

3. (C) ALTITUDE - MISJUDGED - PILOT IN COMMAND
4. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	56, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	October 29, 1985
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	319 hours (Total, all aircraft), 36 hours (Total, this make and model), 169 hours (Pilot In Command, all aircraft), 1 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	TAYLORCRAFT	<b>Registration:</b>	N95009
<b>Model/Series:</b>	BC12-D BC12-D	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	9409
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	November 1, 1985 Annual	<b>Certified Max Gross Wt.:</b>	1200 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1722 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	A65-8
<b>Registered Owner:</b>	NELSON H. DYESS, M.D.	<b>Rated Power:</b>	65 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	15 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	90°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	PHOENIX , AZ (PHX )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	BUCKEYE , AZ	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:15 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	TUCKEY AIRSTRIP	<b>Runway Surface Type:</b>	Dirt
<b>Airport Elevation:</b>	1000 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	8	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

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

## Administrative Information

**Investigator In Charge (IIC):** Llorente, A.

**Additional Participating Persons:** EDWARD J PRENTICE; SCOTTSDALE , AZ

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=25049>

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