



# Aviation Investigation Final Report

<b>Location:</b>	STOCKTON, California	<b>Accident Number:</b>	LAX91LA250
<b>Date &amp; Time:</b>	June 6, 1991, 11:00 Local	<b>Registration:</b>	N8806Y
<b>Aircraft:</b>	Eagle Aircraft Co. DW-1	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Analysis

AN EAGLE DW-1 COLLIDED WITH THE GROUND DURING AN AERIAL APPLICATION MANEUVER. THE PILOT STATED HE STALLED THE AIRPLANE AFTER AN ABRUPT MANEUVER TO AVOID A COLLISION WITH POWER LINES.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOT TO MAINTAIN AN ADEQUATE VISUAL OUTLOOK TO DETECT POWER TRANSMISSION WIRES IN HIS FLIGHT PATH RESULTING IN AN ABRUPT MANEUVER AND SUBSEQUENT INADVERTENT STALL.

## Findings

Occurrence #1: ABRUPT MANEUVER  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings  
1. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND  
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: MANEUVERING - AERIAL APPLICATION

Findings

2. (F) STALL - INADVERTENT - PILOT IN COMMAND  
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	54, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<b>Seat Occupied:</b>	Center
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane multi-engine; Airplane single-engine; Instrument airplane	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	April 30, 1991
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	7900 hours (Total, all aircraft), 1065 hours (Total, this make and model), 7737 hours (Pilot In Command, all aircraft), 128 hours (Last 90 days, all aircraft), 41 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Eagle Aircraft Co.	<b>Registration:</b>	N8806Y
<b>Model/Series:</b>	DW-1 DW-1	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Restricted (Special)	<b>Serial Number:</b>	0044
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	1
<b>Date/Type of Last Inspection:</b>	October 15, 1990 Annual	<b>Certified Max Gross Wt.:</b>	5400 lbs
<b>Time Since Last Inspection:</b>	157 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2093 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	W-670-6N
<b>Registered Owner:</b>	PRECISSI FLYING SERVICE, INC.	<b>Rated Power:</b>	220 Horsepower
<b>Operator:</b>	PRECISSI FLYING SERVICE, INC.	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	MBEG

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	SCK ,30 ft msl	<b>Distance from Accident Site:</b>	10 Nautical Miles
<b>Observation Time:</b>	17:50 Local	<b>Direction from Accident Site:</b>	135°
<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>	5 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	190°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	20°C / 7°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	10:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	38.00996,-121.379386(est)

## Administrative Information

**Investigator In Charge (IIC):** Wilcox, Thomas

**Additional Participating Persons:**

**Original Publish Date:** May 7, 1993

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=27238>

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