



National Transportation Safety Board Aviation Accident Data Summary

Location:	POSTON, AZ	Accident Number:	LAX91LA337
Date & Time:	08/01/1991, 1940 MST	Registration:	N8812W
Aircraft:	Eagle Aircraft Co. DW1	Injuries:	1 Minor
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE PILOT COMPLETED HIS SWATH RUN AND MISJUDGED THE DISTANCE OF THE TRANSMISSION WIRES. IN ORDER TO AVOID HITTING THE WIRES THE PILOT EXECUTED A RAPID PULL-UP DURING THE 90/270 DEGREE REVERSAL TURN. THE PILOT FAILED TO MAINTAIN ADEQUATE FLYING SPEED AND THE AIRPLANE SETTLED TO THE GROUND, CARTWHEELED, AND SUBSEQUENTLY BURNED.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THAT THE PILOT MISJUDGED THE DISTANCE FROM THE WIRES WHICH REQUIRED A RAPID PULL-UP MANEUVER AND HIS FAILURE TO MAINTAIN ADEQUATE FLYING SPEED. CONTRIBUTING TO THIS ACCIDENT WERE THE TRANSMISSION WIRES.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

1. (F) OBJECT - WIRE, TRANSMISSION
2. (C) DISTANCE - MISJUDGED - PILOT IN COMMAND
3. (C) PULL-UP - EXCESSIVE - PILOT IN COMMAND
4. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
5. (C) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Commercial	Age:	22
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	860 hours (Total, all aircraft), 150 hours (Total, this make and model), 773 hours (Pilot In Command, all aircraft), 50 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Eagle Aircraft Co.	Registration:	N8812W
Model/Series:	DW1 DW1	Engines:	1 Reciprocating
Operator:	MICHAEL MORRIS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	IO-540-MIB5D
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Unknown	Condition of Light:	Dusk
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Light and Variable / , Variable
Temperature:	41 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	abdon D Llorente	Adopted Date:	03/24/1993
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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