



National Transportation Safety Board Aviation Accident Data Summary

Location:	SPEARVILLE, KS	Accident Number:	CHI91LA242
Date & Time:	08/01/1991, 2115 CDT	Registration:	N6108L
Aircraft:	American Aviation Corp. (AAC) AA1	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT SAID THAT AFTER ENCOUNTERING INCREASING HEADWINDS AND BEING UNSURE OF HIS EXACT LOCATION, HE ELECTED TO MAKE A PRECAUTIONARY LANDING BEFORE HE EXHAUSTED HIS FUEL SUPPLY. DURING THE GROUND ROLL, ON THE SOFT FARM FIELD, THE NOSE WHEEL BROKE OFF AND THE AIRCRAFT NOSED OVER.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S SELECTION OF UNSUITABLE TERRAIN ON WHICH TO PERFORM A PRECAUTIONARY LANDING. FACTORS RELATED TO THE ACCIDENT WERE POOR IN FLIGHT/PLANNING DECISION WHICH RESULTED IN THE PILOT BECOMING LOST/DISORIENTED.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: CRUISE

Findings

1. COMPENSATION FOR WIND CONDITIONS - NOT IDENTIFIED - PILOT IN COMMAND
 2. (F) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
 3. (F) BECAME LOST/DISORIENTED - PILOT IN COMMAND
 4. PRECAUTIONARY LANDING - ATTEMPTED - PILOT IN COMMAND
 5. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
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Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings

6. TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	75
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	5826 hours (Total, all aircraft), 2047 hours (Total, this make and model), 5013 hours (Pilot In Command, all aircraft), 58 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	American Aviation Corp. (AAC)	Registration:	N6108L
Model/Series:	AA1 AA1	Engines:	1 Reciprocating
Operator:	ELBERT H. MASON	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C2C
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	DDC, 2594 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	16 knots / , 190°
Temperature:		Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	TRENTON, MO (TRX)	Destination:	DODGE CITY, KS (DDC)

Wreckage and Impact Information

Crew Injuries:	1 Minor	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):	John Hruban	Adopted Date:	12/04/1992
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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