



# National Transportation Safety Board Aviation Accident Factual Report

---

<b>Location:</b>	DOUGLAS, WY	<b>Accident Number:</b>	DEN84FA122
<b>Date &amp; Time:</b>	04/01/1984, 1400 MST	<b>Registration:</b>	N414EM
<b>Aircraft:</b>	CESSNA 414A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 Serious, 2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

---

## Pilot Information

---

<b>Certificate:</b>	Commercial	<b>Age:</b>	58, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	11/12/1982
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	6835 hours (Total, all aircraft), 566 hours (Total, this make and model), 6651 hours (Pilot In Command, all aircraft), 32 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N414EM
Model/Series:	414A 414A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	414A0654
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	12/05/1983, Annual	Certified Max Gross Wt.:	6750 lbs
Time Since Last Inspection:	16 Hours	Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	TSIO-520
Registered Owner:	EDWARD MOORE	Rated Power:	310 hp
Operator:	EDWARD MOORE	Operating Certificate(s) Held:	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DGW, 4875 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1349 MST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 800 ft agl	Visibility	1 Miles
Lowest Ceiling:	Overcast / 800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-1° C / -1° C
Precipitation and Obscuration:			
Departure Point:	BORREGO SPRINGS, CA (L08)	Type of Flight Plan Filed:	IFR
Destination:	(DGW)	Type of Clearance:	IFR
Departure Time:	1000 MST	Type of Airspace:	Class E

## Airport Information

Airport:	CONVERSE COUNTY (DGW)	Runway Surface Type:	Asphalt
Airport Elevation:	4876 ft	Runway Surface Condition:	Snow--wet
Runway Used:	28	IFR Approach:	VOR
Runway Length/Width:	5066 ft / 75 ft	VFR Approach/Landing:	Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Serious	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Serious, 2 None	<b>Aircraft Fire:</b>	On-Ground
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	On-Ground
<b>Total Injuries:</b>	2 Serious, 2 None	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	GREGORY A FEITH
<b>Additional Participating Persons:</b>	SCOTT HUTCHINSON; CASPER, WY
<b>Investigation Docket:</b>	NTSB accident and incident docket 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .