



National Transportation Safety Board Aviation Accident Final Report

Location:	LAREDO, TX	Accident Number:	FTW82AA046
Date & Time:	01/24/1982, 0953 CST	Registration:	N4244Z
Aircraft:	ROBERTSON C-402B	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	7 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE ACFT WAS OBSERVED TO BE EXTREMELY SLOW THROUGHOUT THE APPROACH & THAT THE PLT APPEARED TO BE HAVING SOME DIFFICULTY WITH OVER-CONTROLLING THE ACFT. IT THEN LEVELED OUT AT 50-80 FT AGL ON FINAL OVER THE THRESHOLD, ENTERED A NOSE-HIGH ATTITUDE & THEN STALLED INTO A RIGHT SPIN. THE PLT HAD FLOWN TO MEMPHIS, TN TWO DAYS PRIOR TO THE ACCIDENT WITH THE OTHER PLT TO PICK UP THE STOL EQUIPPED ACFT. THE VENDOR'S CHIEF PLT CHECKED OUT THE PLT IN THE ACFT DURING THE RETURN FLT TO HOUSTON, TX. ON THE DAY PRIOR TO THE ACCIDENT THE TWO PLTS WHO WERE ONBOARD AT THE TIME OF THE ACCIDENT FLEW A LOCAL FLT FOR ABOUT TWO HOURS & THEN FLEW TO DILLEY, TX FOR AN ADDITIONAL 1.3 HOURS. WHEN THE ACCIDENT OCCURRED THE PLT WHO HAD BEEN CHECKED OUT BY THE VENDOR'S CHIEF PLT WAS SITTING IN THE RIGHT SEAT.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) AIRSPEED(VS) - NOT MAINTAINED - COPILOT/SECOND PILOT
2. (C) INADEQUATE TRANSITION/UPGRADE TRAINING - COPILOT/SECOND PILOT
3. (C) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - COPILOT/SECOND PILOT
4. STALL/SPIN - INADVERTENT - COPILOT/SECOND PILOT
5. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND
6. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	45, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	10/17/1981
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	5666 hours (Total, all aircraft), 42 hours (Total, this make and model), 4577 hours (Pilot In Command, all aircraft), 107 hours (Last 90 days, all aircraft), 23 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ROBERTSON	Registration:	N4244Z
Model/Series:	C-402B C-402B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	1026
Landing Gear Type:	Retractable - Tricycle	Seats:	7
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	6300 lbs
Time Since Last Inspection:	9 Hours	Engines:	2 Reciprocating
Airframe Total Time:	1524 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	TSIO-520-E
Registered Owner:	VERNON L. MEYER	Rated Power:	300 hp
Operator:	VERNON L. MEYER	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 10000 ft agl	Visibility	8 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	160°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	59° C / 0° C
Precipitation and Obscuration:			
Departure Point:	DILLEY, TX (C)	Type of Flight Plan Filed:	None
Destination:	LAREDO, TX (C)	Type of Clearance:	None
Departure Time:	0009	Type of Airspace:	

Airport Information

Airport:	LAREDO INTERNATIONAL (LRD)	Runway Surface Type:	Concrete
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	
Runway Length/Width:	8201 ft / 150 ft	VFR Approach/Landing:	Straight-in

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	5 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	7 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Report Date:	01/24/1983
Additional Participating Persons:		
Publish Date:		
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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).