



National Transportation Safety Board Aviation Accident Final Report

Location:	GEORGETOWN, TX	Accident Number:	FTW88FA115
Date & Time:	06/06/1988, 2000 CDT	Registration:	N7828Q
Aircraft:	CESSNA 340	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Analysis

THE PILOT IN THE RIGHT SEAT HAD HIRED THE PILOT IN THE LEFT SEAT TO FERRY THE AIRPLANE TO GERMANY, THEN TO TURKEY. A FOUR TANK FERRY FUEL SYSTEM WAS INSTALLED BUT A WEIGHT AND BALANCE CHECK WAS NOT MADE. DURING THE TKOF, THE ACFT WOULD NOT CLIMB. AFTERWARD THE AIRPLANE WAS COMPUTED TO HAVE BEEN OVERWEIGHT AND THE CG WAS AFT OF THE REAR LIMIT. THE LEFT WING HIT TREES AND THE RIGHT WING HIT TWO FENCES. AFTER COLLIDING WITH THE TERRAIN, THE AIRPLANE BURNED.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
2. (C) AIRCRAFT WEIGHT AND BALANCE - EXCEEDED - PILOT IN COMMAND
3. (C) LIFT-OFF - PREMATURE - PILOT IN COMMAND
4. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
5. (F) OBJECT - TREE(S)
6. (F) OBJECT - FENCE

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Factual Information

Pilot Information

Certificate:	Commercial	Age:	40, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	04/22/1987
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	1005 hours (Total, all aircraft), 70 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N7828Q
Model/Series:	340 340	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	340-0241
Landing Gear Type:	Retractable - Tricycle	Seats:	2
Date/Type of Last Inspection:	10/19/1987, Annual	Certified Max Gross Wt.:	5975 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	1175 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	TSIO-520K
Registered Owner:	M.C. SERVICES, INC.	Rated Power:	285 hp
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:	VLADIMIR RIHA	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	AUS, 632 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	2051 CDT	Direction from Accident Site:	180°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	80°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	27° C / 19° C
Precipitation and Obscuration:			
Departure Point:	(T04)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	2000 CDT	Type of Airspace:	Class G

Airport Information

Airport:	MUNICIPAL (T04)	Runway Surface Type:	Asphalt
Airport Elevation:	784 ft	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	4100 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	E. ROTH	Report Date:	07/10/1989
Additional Participating Persons:	DRAKE KLAUS; SAN ANTONIO, TX RUSSELL OWEN; SAN ANTONIO, TX M. R BRIDGEWATER; WICHITA, KS SANDRA R GARCIA; WICHITA, KS		
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 pubinquiry@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](#).