



National Transportation Safety Board Aviation Accident Final Report

Location:	NEWBURGH, NY	Accident Number:	NYC84FA052
Date & Time:	12/12/1983, 1856 EST	Registration:	N6774R
Aircraft:	CESSNA 425	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

DURING ARRIVAL, THERE WERE INDEFINITE DELAYS AT WHITE PLAINS, NY, SO THE PLT DIVERTED TO NEWBURGH, NY. HE WAS VECTORED FOR AN ILS RWY 9 APCH. WHILE EN ROUTE, THE PLT REQUESTED & WAS GIVEN THE ILS FREQ, MINS FOR THE APCH, THE ARPT ELEVATION(491 FT MSL), THE NEWBURGH WX & THE FREQ FOR THE OUTER COMPASS LOCATOR (EVEN THO, CURRENT APCH CHARTS WERE ON BOARD). HE WAS CLEARED FOR THE APCH, BUT THE ACFT HIT TREES & CRASHED, 2.58 MI WEST OF RWY 9. ELEVATION OF THE CRASH SITE WAS ABOUT 580 FT. THE MIN DSCNT ALT (MDA) FOR THE APCH WAS 682 FT. AN EXAM OF THE WRECKAGE REVEALED NO PREIMPACT PART MALFUNCTION OR FAILURE. THE PLT WAS REQUIRED TO WEAR LENSES TO CORRECT HIS VISION. THE AREA FORCAST CALLED FOR ICING, TURBULENCE, LOW LEVEL WIND SHEAR, LOW CEILINGS, RAIN, DRIZZLE, FOG & A CHANCE OF LIGHT FREEZING RAIN/DRIZZLE. REPORTEDLYTHE PLT RECEIVED A FULL WX BRIEFING, BUT WAS NOT BRIEFED ON SIGMETS JULIETT 7 & LIMA 4 WHICH CALLED FOR MODERATE TO SEVERE TURBULENCE & LOW LEVEL WIND SHEAR AND OCCASIONAL MODERATE TO SEVERE MIXED/CLEAR ICG IN CLDS & PRECIP BLO 8000 FT.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER

Phase of Operation: APPROACH

Findings

1. PREFLIGHT BRIEFING SERVICE - IMPROPER - ATC PERSONNEL(FSS)
2. FLIGHT INTO KNOWN ADVERSE WEATHER - PERFORMED - PILOT IN COMMAND
3. (F) APPROACH AIDS - CONGESTED
4. INITIATED - PILOT IN COMMAND
5. (F) LIGHT CONDITION - DARK NIGHT
6. (F) WEATHER CONDITION - ICING CONDITIONS
7. (F) WEATHER CONDITION - TURBULENCE
8. (F) WEATHER CONDITION - LOW CEILING
9. (F) WEATHER CONDITION - RAIN
10. (F) WEATHER CONDITION - FOG
11. (F) WEATHER CONDITION - UNFAVORABLE WIND
12. (F) WEATHER CONDITION - WINDSHEAR

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

13. (C) IFR PROCEDURE - IMPROPER - PILOT IN COMMAND
14. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	48, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	No
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	11/09/1983
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	8636 hours (Total, all aircraft), 26 hours (Total, this make and model), 7241 hours (Pilot In Command, all aircraft), 113 hours (Last 90 days, all aircraft), 36 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6774R
Model/Series:	425 425	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	425-0045
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	11/10/1983, Continuous Airworthiness	Certified Max Gross Wt.:	8200 lbs
Time Since Last Inspection:	28 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	291 Hours	Engine Manufacturer:	P&W
ELT:	Installed, activated	Engine Model/Series:	PT6A-112
Registered Owner:	BLUE CONQUEST INC.	Rated Power:	450 hp
Operator:	BLUE CONQUEST INC.	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	SWF, 491 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	1905 EST	Direction from Accident Site:	270°
Lowest Cloud Condition:	Partial Obscuration / 0 ft agl	Visibility	3 Miles
Lowest Ceiling:	Broken / 800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	5° C / 3° C
Precipitation and Obscuration:			
Departure Point:	WICHITA, KS (ICT)	Type of Flight Plan Filed:	IFR
Destination:	WHITE PLAINS, NY (HPN)	Type of Clearance:	IFR
Departure Time:	1423 EST	Type of Airspace:	Class E

Airport Information

Airport:	STEWART (SWF)	Runway Surface Type:	Asphalt
Airport Elevation:	491 ft	Runway Surface Condition:	Wet
Runway Used:	9	IFR Approach:	ILS
Runway Length/Width:	11818 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	CHAUNCEY D TWINE, JR.	Report Date:	
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 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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