



Aviation Investigation Final Report

Location:	COLUMBUS, Ohio	Accident Number:	ATL87LA254
Date & Time:	September 10, 1987, 21:20 Local	Registration:	N8073J
Aircraft:	AEROSTAR 600	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

THE SCHEDULED ALL CARGO FLT WAS HOLDING ON A TAXIWAY SHORT OF THE RWY AWAITING ITS IFR CLEARANCE OUT OF THE HUB ARPT. SUDDENLY THE ACFT DIPPED DOWN AT THE NOSE AND THEN THE YOKE JUMPED REARWARD AND HIT THE PLT IN THE CHEST. THE PLT CALLED GROUND CONTROL AND REQUESTED TAXI BACK TO THE RAMP. THE PLT DID NOT INFORM GROUND CONTROL THAT A COLLISION BETWEEN THE TWO COMPANY AIRCRAFT HAD OCCURRED. EACH AIRCRAFT WAS TAXIED BACK TO THE RAMP UNDER ITS OWN POWER WITHOUT BENEFIT OF ANY EXTERNAL EXAMINATION BY ANYONE.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: STANDING - ENGINE(S) OPERATING

Findings

1. OBJECT - AIRCRAFT MOVING ON GROUND
2. (C) BRAKES(NORMAL) - DELAYED - PILOT OF OTHER AIRCRAFT
3. (C) CLEARANCE - NOT MAINTAINED - PILOT OF OTHER AIRCRAFT
4. (F) DIVERTED ATTENTION - PILOT OF OTHER AIRCRAFT

- 5. (F) WEATHER CONDITION - RAIN
- 6. (F) LIGHT CONDITION - NIGHT

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	23, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Unknown	Last FAA Medical Exam:	October 24, 1986
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	3700 hours (Total, all aircraft), 1050 hours (Total, this make and model), 3500 hours (Pilot In Command, all aircraft), 265 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AEROSTAR	Registration:	N8073J
Model/Series:	600 600	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	600556180
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	January 14, 1987 Unknown	Certified Max Gross Wt.:	6000 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	6889 Hrs	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-540
Registered Owner:	FINANCIAL AIR EXPRESS INC	Rated Power:	290 Horsepower
Operator:	NEW CREATIONS,INC.	Operating Certificate(s) Held:	On-demand air taxi (135)
Operator Does Business As:	PDQ AIR SER. & FINAN.AIR EXP.	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/dark
Observation Facility, Elevation:	CMH ,816 ft msl	Distance from Accident Site:	
Observation Time:	20:50 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Unknown	Visibility	8 miles
Lowest Ceiling:	Overcast / 5000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	100°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	24°C / 17°C
Precipitation and Obscuration:	N/A - None - Rain		
Departure Point:		Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	None
Departure Time:	00:00 Local	Type of Airspace:	

Airport Information

Airport:	COLUMBUS CMH	Runway Surface Type:	Macadam
Airport Elevation:	816 ft msl	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

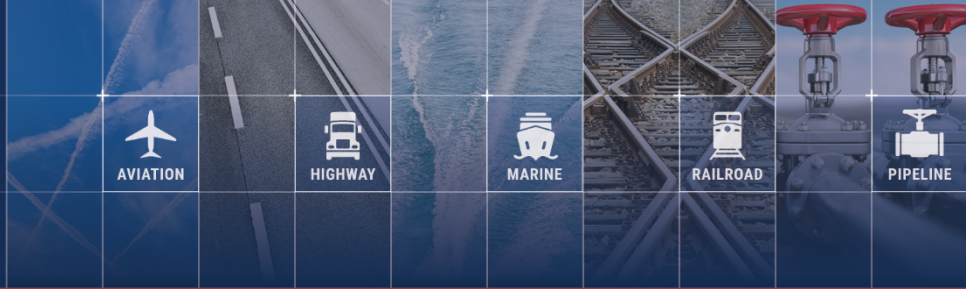
Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	40.010467,-82.919075(est)

Administrative Information

Investigator In Charge (IIC):	Fouts, Charles
Additional Participating Persons:	RICHARD A PEMBERTON; COLUMBUS , OH
Original Publish Date:	February 14, 1989
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=7515

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).



Aviation Investigation Final Report

Location:	COLUMBUS, Ohio	Accident Number:	ATL87LA254
Date & Time:	September 10, 1987, 21:20 Local	Registration:	N3643D
Aircraft:	PIPER PA-60-600	Aircraft Damage:	Minor
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

THE SCHEDULED DOMESTIC ALL CARGO FLT WAS TAXIING FROM THE RAMP TO THE RWY BEHIND ANOTHER COMPANY ACFT WHEN THE PLT SUDDENLY REALIZED THAT THE LEAD ACFT WAS NOT MOVING. THE PLTS ATTEMPTS TO STOP THE ACFT WERE NOT SUCCESSFUL. THE STOPPED ACFT WAS SUBSTANTIALLY DAMAGED. AFTER THE COLLISION THE LEAD ACFT CALLED FOR TAXI BACK TO THE RAMP. THIS ACFT TURNED AROUND AND TAXIIED BACK TO THE RAMP WITHOUT CONTACTING GROUND CONTROL. NEITHER ACFT WAS SHUT DOWN AND EXAMINED BY EITHER THE PLT OR GROUND PERSONNEL PRIOR TO RETURNING TO THE RAMP.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAXI - TO TAKEOFF

Findings

1. OBJECT - AIRCRAFT PARKED/STANDING
2. (C) BRAKES(NORMAL) - DELAYED - PILOT IN COMMAND
3. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND
4. (F) DIVERTED ATTENTION - PILOT IN COMMAND

- 5. (F) WEATHER CONDITION - RAIN
- 6. (F) LIGHT CONDITION - DARK NIGHT

Factual Information

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	30, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	June 25, 1987
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	5390 hours (Total, all aircraft), 456 hours (Total, this make and model), 5230 hours (Pilot In Command, all aircraft), 210 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N3643D
Model/Series:	PA-60-600 PA-60-600	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	600835816123
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:	October 3, 1986 Annual	Certified Max Gross Wt.:	6000 lbs
Time Since Last Inspection:	739 Hrs	Engines:	2 Reciprocating
Airframe Total Time:	4262 Hrs	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-540-K1J5
Registered Owner:	FORTUNES UNLIMITED	Rated Power:	290 Horsepower
Operator:	NEW CREATIONS,INC.	Operating Certificate(s) Held:	On-demand air taxi (135)
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/dark
Observation Facility, Elevation:	CMH ,816 ft msl	Distance from Accident Site:	
Observation Time:	20:50 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Unknown	Visibility	8 miles
Lowest Ceiling:	Overcast / 5000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
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Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	24°C / 17°C
Precipitation and Obscuration:	N/A - None - Rain		
Departure Point:		Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	None
Departure Time:	00:00 Local	Type of Airspace:	

Airport Information

Airport:	COLUMBUS CMH	Runway Surface Type:	Macadam
Airport Elevation:	816 ft msl	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Minor
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	40.010467,-82.919075(est)

Administrative Information

Investigator In Charge (IIC):	Fouts, Charles
Additional Participating Persons:	RICHARD A PEMBERTON; COLUMBUS , OH
Original Publish Date:	February 14, 1989
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=7515

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