Turbulence injuries, Boeing 737-200, April 28, 1997

Micro-summary: This Boeing 737-200 encountered turbulence during climb, injuring several people.

Event Date: 1997-04-28 at 1330 EDT

Investigative Body: National Transportation Safety Board (NTSB), USA

Investigative Body's Web Site: http://www.ntsb.gov/

Cautions:

1. Accident reports can be and sometimes are revised. Be sure to consult the investigative agency for the latest version before basing anything significant on content (e.g., thesis, research, etc).

2. Readers are advised that each report is a glimpse of events at specific points in time. While broad themes permeate the causal events leading up to crashes, and we can learn from those, the specific regulatory and technological environments can and do change. Your company's flight operations manual is the final authority as to the safe operation of your aircraft!

3. Reports may or may not represent reality. Many many non-scientific factors go into an investigation, including the magnitude of the event, the experience of the investigator, the political climate, relationship with the regulatory authority, technological and recovery capabilities, etc. It is recommended that the reader review all reports analytically. Even a "bad" report can be a very useful launching point for learning.

4. Contact us before reproducing or redistributing a report from this anthology. Individual countries have very differing views on copyright! We can advise you on the steps to follow.

Aircraft Accident Reports on DVD, Copyright © 2006 by Flight Simulation Systems, LLC All rights reserved. www.fss.aero

National Transportation Safety Board NTSB ID: ATL97LA064 Aircraft Registration Number: N14245									
FACTUAL REPORT		Occurr	ence Date: 04/28	3/1997	Most Critical I	njury: Se	erious		
AYIATION FETYBOR		Occurr	Irrence Type: Accident Investigated By: NTSB						
Location/Time					1				
Nearest City/Place	State		Zip Code	Local Time	Time Zone				
ATLANTA	GA		30320	1330	EDT				
Airport Proximity: Off Airport/Airstrip	Distar	nce Fror	n Landing Facility:	•	Direction Fro	m Airpor	t:		
Aircraft Information Summary									
Aircraft Manufacturer			Model/Serie	s			Type of Aircraft		
Boeing			737-200				Airplane		
Sightseeing Flight: No			Air Medical T	ransport Flight: I	No		•		
Narrative									
on the same day. According to the fligh a benign looking rain showe three jolts of moderate to sign was illuminated. A fli during the turbulence. Two injuries. The flight crew decl remainder of the flight.	llowi ne w inst r fl ser 70 p ne wa t cre ght seve ght seve ght seve ght atte fli cted fli cted fli tet att resu ld m bin tenda	ng ta as op rumen ight. ious assen as not w, th hile ere tu atten atten a med stat rplan betwee endant turb d jum Manua cher p from and attes and ght turb senger a med stat turb senger a med atten atten atten atten atten atten senger a med atten atten senger a med atten senger a med atten senger a med atten senger a med atten senger a med atten senger atten senger atten senger atten senger atten senger atten senger atten senger atten sender atten senger atten setwee sendant sender atten sender atten sender atten sender atten sender sender senger atten sender senger atten setwee sender sende	<pre>keoff from T erated as fl t flight rul Instrument injuries t gers, two ac damaged. Th e flight was passing 24, rbulence, fc dant, who s, who were ical emergen ed he and t e. When the n the bar ca broke his attendant, t ulence. S pseat. The l supplied b roblems befc the Captain t should tak abin duties the seat b alleys. Fli or the fli the cabin a </pre>	The William B. Light 1181, by Les. An instru- meteorologica to one flight ditional flight de flight depa a deviating ar 000 feet at 2 or a total dur was serving p seated at the levy and they the "C" flight by encountered ankle during they were thir the was in t ankle during they were thir the was in t a seat belt si py Continental py Continental the nearest i. In the e pelt sign an and take their	Hartsfield Continental ment flight conditions attendant, m thatendant, m thatendant attendant attendant w sation of 10 passengers, r e time, compl were given p cattendant w lsevere turk cattendant w severe turk cattendant w lsevere turk cattendant w severe turk severe turk	Intern Airl: plan of preva- inor: s, and a, Geo: he cap he air seconor ceceive ained priorition were seconor ceceive and priorition pere seconor ceceive and priorition ceceive ceceiv	hational Airport, ines, Inc., under was filed for the ailed at the time injuries to seven d the two airline rgia, about 1247, tain described as plane encountered ds. The seat belt ed a broken ankle of head and neck ty throughout the etting up the bar e, the "A" flight flight attendant es out of Atlanta , and was able to d. ptain should warn flight attendants In the event of or the Captain to ed encounter with nstruct the cabin e their seats and ght crew made an		
	F	ACTU	AL REPORT - A	AVIATION			Page 1		

This	space	for	binding	
This	space	for	binding	

National Transportation Safety Board	NTSB ID: ATL97LA064	
FACTUAL REPORT	Occurrence Date: 04/28/1997	
AVIATION ETYBOR	Occurrence Type: Accident	

Narrative (Continued)

turbulence below 24,000 feet was forecast in the area. There was also a line of severe thunderstorms moving through Georgia and Florida at the time of the encounter. It contained winds gusting to 50 knots, hail with a 1 inch diameter, and cloud tops above 45,000 feet. The intensity and coverage of the thunderstorms was forecast to increase throughout the afternoon.

National Transportation Safety Board NTSB ID: ATL97LA064											
FACTUAL REPORT	Осси	urrence D	Date:	04/28/1997							
AVIATION ETTBON	Осси	urrence T	Гуре:	Accident							
Landing Facility/Approach Information	n										
Airport Name		Airport I	ID:	Airport Elevati	on	Run	way Used	Runwa	ay Length	n Ru	nway Width
				Ft.	MSL	0					
Runway Surface Type:		I	- 1		I					I	
Runway Surface Condition:											
Type Instrument Approach:											
VFR Approach/Landing:											
Aircraft Information									1		
Aircraft Manufacturer Boeing								Serial N 20074	Number 1		
Airworthiness Certificate(s): Transport											
Landing Gear Type: Retractable - Tricycle)										
Homebuilt Aircraft? No Number of	Cei	Certified Max Gross Wt. 109000 LBS						Number	r of Engine	es: 2	
Engine Type: Turbo Fan		Engine P&W		nufacturer:			Model/Ser JT8D-9	ries:			ted Power: 500 LBS
- Aircraft Inspection Information											
Type of Last Inspection				Inspection	Tim	ie Sir	nce Last Inspe			Airframe 1	
Continuous Airworthiness		04/19	997					65 Ho	ours		8294 Hours
- Emergency Locator Transmitter (ELT) Infor	mation			T							
ELT Installed? EL	T Operated?				ELT Aid	ded i	n Locating Ac	cident S	Site?		
Owner/Operator Information											
Registered Aircraft Owner		Stre	eet Ad	ddress 15333 JF	K BLVD) SU	ITE 420				
CONTINENTAL AIRLINES, INC			City State							Zip Code	
	HOUSTON TX 77032 Street Address										
Operator of Aircraft	Same as Reg'd Aircraft Owner										
Same as Reg'd Aircraft Owner City State Zip Code							Zip Code				
Operator Does Business As:						Op	perator Desigr	nator Co	ode: CAI	LA	
- Type of U.S. Certificate(s) Held:											
Air Carrier Operating Certificate(s): Flag Car	rrier/Domestic										
Operating Certificate:		Operator Certificate:									
Regulation Flight Conducted Under: Part 12	1: Air Carrier										
Type of Flight Operation Conducted: Schedu	uled; Domestic	; Passer	nger/	Cargo							
	FACT	UAL RI	EPOF	RT - AVIATIO	ON						Page 2

Nation	al Transportation	Safety Board	1	NTSB ID:	ATL97LA	064								
F	ACTUAL RI	EPORT		Occurren	ce Date: 04	/28/19	97							
	AVIATI ETY BO	~ <		Occurren	ce Type: Ac	cident								
		A.												
First Pilo Name	ot Information					City					State	De	te of Birth	4.00
						City								Age
On File						On Fi	le				On File	0	n File	56
Sex: M	Seat Occupied:	: Left	Pr	incipal Profes	sion: Civilia	n Pilot				Cer	tificate Nu	mber:	On File	
Certificate	(s): Airlir	ne Transpor	t; Commer	cial										
Airplane R	ating(s): Multi	i-engine Lar	nd; Single-	engine Land										
Rotorcraft/	Glider/LTA: None	-												
	t Rating(s): Airpl													
Instructor														
Type Rating/Endorsement for Accident/Incident Aircraft? Yes Current Biennial Flight Review?														
Medical Cert.: Class 1 Medical Cert. Status: Valid Medicalw/ waivers/lim. Date of Last Medical						Exar	m: 02/1997							
- Flight Tir	me Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Mult-Engine	Niç	ght	Actua	Instrument	nulated	Rotorcra	ft	Glider	Lighter Than Air
Total Time 15000 9000 1717 4300														
Pilot In Co	mmand(PIC)	6000									_			
Instructor		2000												
Last 90 Da	-	200	200											
Last 30 Da	-	60	60								_			
Last 24 Ho		3	3				- ·							
Seatbelt Used? Yes Shoulder Harness Used? Yes Toxicology Performed? No Second Pilot? Yes								S						
	an/Itinerary													
	ght Plan Filed: IF	R												
Departure Point					State Air		Airport Ide	irport Identifier		Departure Time		Time Zone		
Same as Accident/Incident Location							A		ATL	TL		1247 E		EDT
Destination State Airport Identifier														
HOUSTON TX IAH														
Type of Clearance: IFR														
Type of Ai	rspace: Class	A												
Weather	Information													
Source of	Briefing:													
	Compa	any												
Method of	Briefing:													
				FACTUAI	REPORT	- AVL	ATIO	N						Page 3

Secure noce Date: Ud/28/1997 Occurrence Date: Ud/28/1997 Occurrence Type: Accident Work Elevation Time Time Zone WOF Elevation Time Direction From Accident Site ATL 1156 EDT 100 FL AGL Occurrence Type: Accident Site Direction From Accident Site Att 1156 EDT 100 FL AGL Ondition Site: 1200 Condition: Unitative Type: Accident Site: 1200 Condition: Unitative Type: Accident Site: 1200 Conditions Orecreates 100 FL AGL Valibility: 0.25 SM Attimeter: 29.00 "Hg Tomperature: 16 °C Visibility: 0.25 SM Attimeter: 29.00 "Hg Tomperature: 16 °C Visibility: 0.25 SM Attimeter: 29.00 "Hg Visibility (RVR): 0 FL Visibility (RVR): Attimeter: 29.00 "Hg None Attimation:	Nationa	al Transportation Safety	Board	NTSB ID:	ATL97	LA064							
Occurrence Type: Accident Veather Trone WOF ID Observation Time Ime Zone WOF Elevation NOF Do Doservation Time Time Zone WOF Distance From Accident Site Direction From Accident Site ATL 1196 C UP Direction From Accident Site SkyLowest Cloud Condition: UD U OFL ACL Condition: UD ZPA Deg, Mag. SkyLowest Cloud Condition: UD ZPA Deg, Mag. OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP OP	FA	ACTUAL REPOR	RT	Occurren	ce Date:	04/28/19	997		1				
Weather Information WOF ID Observation Time Time Zone WOF Elevation WOF Distance From Accident Site Direction From Accident Site ATL 1156 EDT 1026 FL MSL 100 NM 270 Deg. Mag. SkyrLowest Cloud Condition: Unknown 0 FL AGL Condition of Light: Day Condition of Light: Day Lowest Cloud Condition: Unknown 16 °C Dew Point: 16 °C Wind Speed: Density Altitude: 1700 FL Wind Speed: 1 6 °C Gusts: Weather Conditions at Accident Site: Instrument Conditions 1700 FL Visibility (RVR): 0 FL Visibility (RVV) 1 SM Intensity of Precipitation: Unknown Restrictions to Visibility: Fog Arcraft Fire: None Aircraft Explosion None Intensity of Precipitation: Unknown Intensity of Precipitation: None Classification: U.S. Registered/U.S. Soil Interast Fire: None TOTAL Intensity of Precipitation None Intensity of Precipitation None Stader Flet I I I Intensity of Precipitation None Intensity of Precipitation None		1 199 AN 199 - SH <		Occurren	ce Type:	Acciden	t		1				
WOF ID Observation Time Time Zone WOF Elevation WOF Distance From Accident Site Direction From Accident Site ATL 1156 EDT 1026 FL MSL 100 NM 270 Deg. Mag. SkylLowest Cloud Condition: Unkrown Unest Colling: Overcast 0 FL AGL Condition - Light: Day Lowest Colling: Overcast 100 FL AGL Visibility: 0.25 M Attimeter: 29.00 "Hg Temperature: 16 °C Gusts: Wind Direction: Variable Density Altitude: 1700 FL Wind Speed: 4 Gusts: Weather Conditions at Accident Site: Instrument Conditions Visibility (RVR): 0 FL Visibility (RVV) 1 SM Intensity of Precipitation: Unknown Accident Information Aircraft Fire: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soil - 1 1 - Injury Summary Matrix Fatal Serious Minor TOTAL - - Fight Engineer I 1 1 1 - - - -	Weather				51		-						
Interview of FLAGL Condition of Light: Day Lowest Ceiling: Overcast 100 FLAGL Visibility: 0.25 SM Altimeter: 29.00 "Hg Temperature: 16 °C Wind Direction: Variable Density Altitude: 1700 Ft. Wind Speed: Gusts: Weather conditions at Accident Site: Instrument Conditions Visibility (RVR): 0 Ft Visibility (RVV) 1 SM Intensity of Precipitation: Unknown Intensity of Precipitation: Unknown Accident Information Aircraft Erie: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soit			Time Zone	WOF Elevat	ion	WOF Di	stance Fron	n Accie	dent Site		Direction From Accident Site		
Interview of FLAGL Condition of Light: Day Lowest Ceiling: Overcast 100 FLAGL Visibility: 0.25 SM Altimeter: 29.00 "Hg Temperature: 16 °C Wind Direction: Variable Density Altitude: 1700 Ft. Wind Speed: Gusts: Weather conditions at Accident Site: Instrument Conditions Visibility (RVR): 0 Ft Visibility (RVV) 1 SM Intensity of Precipitation: Unknown Intensity of Precipitation: Unknown Accident Information Aircraft Erie: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soit													
Lowest Ceiling: Overcast 100 Ft. AIL Visibility: 0.25 SM Altimeter: 29.00 "Hg Temperature: 16 °C □ertoin: 0 Ft. 0 Ft. 0 Ft. 0 Ft. 0 0 Ft. 0 0 Ft. 0 Ft. 0 Ft. 0 <td></td> <td></td> <td></td> <td>1026 Ft</td> <td>. MSL</td> <td></td> <td>•</td> <td></td> <td>1</td> <td></td> <td></td> <td>270 Deg.</td> <td>Mag.</td>				1026 Ft	. MSL		•		1			270 Deg.	Mag.
Temperature: 16 °C Wind Direction: Variable Density Altitude: 1700 FL Wind Speed: 4 Gusts: Weatter Conditions at Accident Site: Instrument Conditions Visibility (RVR): 0 FL Visibility (RVV) 1 SM Intensity of Precipitation: Unknown Restrictions to Visibility: Fog Intensity of Precipitation: Unknown Intensity Intensi	Sky/Lowes	st Cloud Condition: Unk	nown				0 Ft. AG	iL	Condition of	of Ligi T	nt: Day		
Wind Speed: 4Gusts:Weature Conditions at Accident Site: Instrument ConditionsVisibility (RVR):0Ft.Visibility (RVV)1SMIntensity of Precipitation: UnknownRestrictions to Visibility:FogAccident InformationAccident InformationAircraft Damage: NoneAircraft Fire: NoneAircraft Erie: NoneTOTALFiletSeriou:NoneTOTALFirst PlotC1Second PlotC1Inflight InstructorC2Check PlotCCFilight EngineerC2Check PlotC2Filight EngineerC2Cabin Attendants12Other CrewC7TOTAL ABOARD-C7Other Ground00Other Ground00Other Ground0Other Gr	Lowest Ce	iling: Overcast		100 Ft.	AGL	Visibi	lity:	0.25	SM	Alti	meter:	29.00	"Hg
Visibility (RVR): 0 Ft. Visibility (RVV) 1 SM Intensity of Precipitation: Unknown Restrictions to Visibility: Fog Type of Precipitation: None Accident Information Aircraft Damage: None Aircraft Fire: None Classification: U.S. Registered/U.S. Soil - Injury Summary Matrix Fatal Second Pilot Instructor First Pilot Instructor Flight Instructor Check Pilot Instructor Cabin Attendants Indications Other Crew Intensity of Precipitation: Uncolor	Temperatu	ire: 16 °C	Dew Point:	16 °C	Wind	Direction:	Variable			De	nsity Altitude:	1700	Ft.
Accident Information Aircraft Fire: None Aircraft Explosion None Accident Information Aircraft Fire: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soil Image: None TOTAL - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot I 1 1 1 1 Second Pilot I I 1 1 Flight Instructor I Image:	Wind Spee	ed: 4	Gusts:		Weath	ner Condti	ons at Accio	dent S	^{ite:} Instrum	ent C	Conditions		
Type of Precipitation: None Aicraft Damage: None Aicraft Fire: None Aicraft Explosion None Classification: U.S. Registered/U.S. Soil Aicraft Fire: None Aicraft Explosion None - Injury Summary Matrix Fatal Serius None TOTAL - First Pilot 1 1 1 Second Pilot 2 1 1 Student Pilot 1 1 1 Flight Instructor 1 2 1 1 Check Pilot 1 1 1 1 Flight Engineer 1 1 2 3 Other Crew 1 1 2 3 Other Crew 1 7 70 77 -TOTAL ABOARD- 1 1 7 74 Other Ground 0 0 0 0 0	Visibility (F	RVR): 0 Ft	. Visibility ((RVV) 1	SM	Intensity	of Precipita	ation: I	Unknown				
Aircraft Information Aircraft Erre: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soil Injury Summary Matrix Fatal Serious Minor TOTAL First Pilot 1 1 First Pilot 1 OTAL Filight Instructor Intervention Filight Instructor Intervention Intervention Classification: U.S. Registered/U.S. Soil Intervention Filight Segistered/U.S. Soil Intervention Intervention Intervention	Restriction	is to Visibility: Fog	·										
Aircraft Information Aircraft Erre: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soil Injury Summary Matrix Fatal Serious Minor TOTAL First Pilot 1 1 First Pilot 1 OTAL Filight Instructor Intervention Filight Instructor Intervention Intervention Classification: U.S. Registered/U.S. Soil Intervention Filight Segistered/U.S. Soil Intervention Intervention Intervention													
Aircraft Damage: None Aircraft Fire: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soil None TOTAL - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 1 Second Pilot 1 1 1 Student Pilot 1 1 Flight Instructor 1 1 Check Pilot 1 1 Cabin Attendants 1 2 3 3 0ther Crew 1 7 70 77 -TOTAL ABOARD - 1 7 74 82 0 0 0 0	Type of Precipitation: None												
Aircraft Damage: None Aircraft Fire: None Aircraft Explosion None Classification: U.S. Registered/U.S. Soil None TOTAL - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 1 Second Pilot 1 1 1 Student Pilot 1 1 Flight Instructor 1 1 Check Pilot 1 1 Cabin Attendants 1 2 3 3 0ther Crew 1 7 70 77 -TOTAL ABOARD - 1 7 74 82 0 0 0 0													
Classification: U.S. Registered/U.S. Soil- Injury Summary MatrixFatalSeriousMinorNoneTOTALFirst PilotII11Second PilotII11Student PilotIII1Flight InstructorIIIICheck PilotIIIIFlight EngineerIIIICabin AttendantsIIIPassengersII7-TOTAL ABOARD-II00000	Accident	Information											
- Injury Summary MatrixFatalSeriousMinorNoneTOTALFirst Pilot1111Second Pilot111Student Pilot111Flight Instructor111Check Pilot111Flight Engineer112Cabin Attendants123Other Crew1770Passengers1782Other Ground000	Aircraft Dar	mage: None		Aircraft Fir	e: None				Aircraft Exp	olosio	n None		
First PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStudent PilotImage: Constraint of the second PilotImage: Constraint of the second PilotImage: Constraint of the second PilotStud	Classificati	on: U.S. Registered/l	J.S. Soil	•									
Second PilotImage: Second PilotImage: Second PilotImage: Second PilotStudent PilotImage: Second PilotImage: Second PilotImage: Second PilotFlight InstructorImage: Second PilotImage: Second PilotImage: Second PilotCheck PilotImage: Second PilotImage: Second PilotImage: Second PilotCabin AttendantsImage: Second PilotImage: Second PilotImage: Second PilotPassengersImage: Second PilotImage: Second PilotImage: Second PilotOther GroundImage: Second PilotImage: Second PilotImage: Second PilotOther GroundImage: Second PilotImage: Second Pilot <td>- Injury Su</td> <td>mmary Matrix</td> <td>Fatal</td> <td>Serious Mino</td> <td>or</td> <td>None</td> <td>TOTAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	- Injury Su	mmary Matrix	Fatal	Serious Mino	or	None	TOTAL						
Student PilotImage: Student PilotImage: Student PilotImage: Student PilotFlight InstructorImage: Student PilotImage: Student PilotImage: Student PilotCheck PilotImage: Student PilotImage: Student PilotImage: Student PilotFlight EngineerImage: Student PilotImage: Student PilotImage: Student PilotCabin AttendantsImage: Student PilotImage: Student PilotImage: Student PilotOther GroundImage: Student PilotImage: Student PilotImage: Student PilotOther GroundImage: Student PilotImage: Student PilotImage: Student PilotOther GroundImage: Student PilotImage: Student Pilot <td>First Pi</td> <td>lot</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	First Pi	lot				1	1						
Flight InstructorImage: Check PilotImage: Check PilotImage: Check PilotImage: Check PilotFlight EngineerImage: Check PilotImage: Check PilotImage: Check PilotCabin AttendantsImage: Check PilotImage: Check PilotImage: Check PilotCabin AttendantsImage: Check PilotImage: Check PilotImage: Check PilotOther CrewImage: Check PilotImage: Check PilotImage: Check PilotPassengersImage: Check PilotImage: Check PilotImage: Check PilotOther GroundImage: Check PilotImage: Check PilotImage: Check PilotOther GroundImage: Check PilotImage: Check PilotImage: Check Pilot	Second	d Pilot				1	1						
Check PilotImage: Check PilotImage: Check PilotImage: Check PilotFlight EngineerImage: Check PilotImage: Check PilotImage: Check PilotCabin AttendantsImage: Check PilotImage: Check PilotImage: Check PilotCabin AttendantsImage: Check PilotImage: Check PilotImage: Check PilotOther CrewImage: Check PilotImage: Check PilotImage: Check PilotPassengersImage: Check PilotImage: Check PilotImage: Check PilotOther GroundImage: Check PilotImage: Check Pilot	Studen	t Pilot											
Flight EngineerImage: Comparison of the second	Flight li	nstructor											
Cabin AttendantsIndicationIndicationIndicationOther CrewIndicationIndicationIndicationPassengersIndicationIndicationIndication- TOTAL ABOARD -IndicationIndicationIndicationOther GroundIndicationIndicationIndication	Check	Pilot											
Other Crew Image: Constraint of the second sec	Flight E	Engineer											
Passengers Image: Constraint of the sense o	Cabin A	Attendants		1		2	3						
- TOTAL ABOARD - 1 7 74 82 Other Ground 0 0 0 0	Other C	Crew											
Other Ground 0 0 0 0 0 0	Passen	ngers			7	70	77						
	- TOTAL A	ABOARD -		1	7	74	82						
- GRAND TOTAL - 0 1 7 74 82	Other G	Ground	0	0	0		0						
	- GRAND	D TOTAL -	0	1	7	74	82						
				FACTUAI	REPO	RT - AV	IATION					P	age 4

National Transportation Safety Board FACTUAL REPORT	NTSB ID: ATL97LA064	
FACTŲAL REPORT	Occurrence Date: 04/28/1997	
AVIATION	Occurrence Type: Accident	
Administrative Information	!	·
Investigator-In-Charge (IIC) PRESTON E. HICKS		
Additional Persons Participating in This Accident/	/Incident Investigation:	
HARRY TABER GEORGIA FSDO		
REGAN H CAMPBELL NTSB-ATLANTA OFFICE		