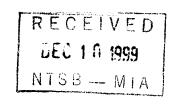
NA ⁻	TIONAL TRANS	PORTATION SA	FETY BOARD		Time	Date	
RECORD OF []	VISIT [] COI	NFERENCE OR	[X] TELEPHONE	CALL	1029	Dec 10,	1999
Name(s) of Per	son(s) conta	cted or in c	onference and	locat		Rout	ing
						Symbol 1	Initials
	Ms. Sus	an Basse of	Skydive Delan	d, Inc.		ort v .	
·			••		7		
Subject		:=====================================					
	<u>r</u>	Midair collis	10n				
Digest	ted that at t	he time of t	he midair col	:======= lision.	she was i	in the comp	eanv store
· · · · · · · · · · · · · · · · · · ·							
located on th	e airport and	she was not	listening to	the por	rtable VHI	F radio tha	t they
have tuned to	the CTAF free	uency (122.8	3). After the	collis	ion, skyd:	ivers who w	ere on
the ground adv	ised her to c	all 911. Sh	e did state t	hat the	re were a	lot of rad	io
transmissions	that day but	she tunes t	them out if th	ey do no	ot involve	e the jump	aircraft.
She confirmed	that she did	not hear any	radio calls	from ei	ther of th	ne accident	airplanes
She also repor	ted that the	same frequen	ncy (122.8) us	ed at De	eland, is	also used	by New
Smyrna Beach	<u>Municipal Air</u>	port, Kay La	rkin Airport,	Sebast:	ion Munic	ipal Airpor	t, and
the Zephyrhill	s Municipal A	irport, and	that she regu	larly h	ears radio	calls on	122.8
from those air	ports.						
						•	
Conclusions, Ac		or Required	The above st	xzzzzz atement	was read	back to he	er on
		POP 1 1 1					
December 11, 1	999, at 1618	EST, and she	e agreed with	the con	tent.	<u> </u>	
Date	Title			Signatu	re	, /	111
Dec 11, 1999		ASI		Ima	040	10/000	
NTSB Form 1320.	.12 (5/70)						

NATIONAL TRANSPORTATION SAFETY BOARD



ATTENTION: TIM MONVILLE

REFERENCE: ACCIDENT AT DELAND AIRPORT (DECEMBER 3, 1999)

December 6, 1999

My name is Richard L. Hutchcraft, pilot / owner of Warrior N1528X. I am also an air traffic controller at Space Coast Regional Tower (TIX), FL. By chance I happened to be airborne, VFR on Friday December 3, 1999 from 09:15 Local (1415Z) until 13:15 Local (1815Z), enroute from TIX to X35 (Dunnellon, FL) then a round robin back to TIX at 2500 Feet.

After checking in with Orlando Approach frequency 121.1 for "Clearance" into Class "B", I passed East to West just south of Lake Jessup (south of Sanford) enroute over Leesburg (same route returning home). I was periodically monitoring Frequencies 122.7 and 122.8 respectively, anticipating crossing over Mid Florida and Leesburg Airports.

I do not believe I witnessed transmissions from either aircraft involved in the accident (N153ER or N3038N). Because I was periodically switching between frequencies 122.7 & 122.8 the purpose of this statement is to advise the Investigators of the severe and harsh conditions that existed at that particular time on those frequencies.

As a Tower controller, I am experienced in determining aircraft positions through radio communication. After 17 years in the business, I have never witnessed frequency congestion as bad as it was on December 3. Both 122.7 and 122.8 were so unmanageable and absolutely chaotic that it is very understandable how no one on either frequency could understand what was going on. Aircraft were stepping on one another, radio interference was interrupted by squelch, interrupted by another call over another airport, interrupted by a radio squeal, interrupted by more interference etc. etc.

It may be the flat surface conditions of Florida that allow frequency carriage over too large of an area. At one particular time I distinctly heard pilots concurrently on 122.8 report from:

Deland (DED)
Dunnellon (X35)
Cross City (CTY)
Tampa Executive (TPF)
Zephryhills (ZPH)
New Smyrna (EVB)
St. Augustine (SGJ)

I also heard pilots checking in concurrently on 122.7 at the following airports:

Ormond Beach (OMN) Leesburg (LEE) Winter Haven (GIF) Venice (VNC) Vandenburg (X16)

The frequency congestion is unbearable with so many pilots checking in at so many airports. Pilots are many times forced (because of proximity) to "step on" a transmission to get a word in edgewise, not really knowing if the transmission they "block" pertains to their particular airport site.

There is a desperate need for frequency separation in Central Florida. If it is found through investigation that both aircraft involved in the accident were not properly communicating on the proper unicom frequency, I am thoroughly convinced that frequency congestion may have been a major contributing factor.

In closing; the pilots flying into / out of non-controlled airports (in Central Florida) have a undeniable and most difficult task in determining traffic positions and other pilot intentions under a radio / communication system that appears to be unmanageable by today's standards.

May I say "Thank You" to the NTSB for their time, effort and consideration concerning this matter.

Sincerely Submitted:

R.L.Hutchcraft

TIX Tower

901.12-52419

Date 12-6-99 Page No_

RECEIVED DEC 1 1 1999 NTSB — MIA

STATEMENT OF:

 ω + ω ω . ω

Meta Lynn Brusant -
Meta Lynn Brigant - Deland, FIA 32724 110/51
around, 9:00 A.M. È 10:00 A.M. Fri. morning Jwas out
in the yard working and heard an aircraft flying over
my house. U looked up at it and it was a twin engine
white with Dark Blue numbers. It was about
2000 to 2500 ft. over my house. U heard two
backfires or two que shots from the plane Eit
instantly reved up the motor or sounded like they
were changing the gas mixture in the engines.
The plane then climbed about 50 ft. then started
decending altitude and circleing and appeared
to be turning towards the Deland airport
and decreasing in altitude like it was
going in the Glanding pattern. I never saw
it after that.
e/a
OG-0050-0998

12-6-99

DPD-1

Swam to on this
6th Jai of Del 1990 This

Warren R Demory south

I was in our turning parking area, Mooth west of the incedent.

My Co-worker Ray Pope asked Me to turn off the water hose as I was turning to go do this, I looked up in time to see what appeared to be a plane going in seperate peaces, AT the time I was under the impression it was one air craft, there was a loud smack that I asumed was an motor blowing, I seen a object I believed to have been the wing or part of the air craft Falling opposite direction of the body. The part I believed to be the body was spiraling down and crashed into the top of the tree's and than to the ground. I was pointing and yelling to my co-worker, He yelled to call 911, I can to our office and aske dial 911 and gave the Phone over to my manager Suesie, I ran back out and we Jumped in the truck with a fire extinguisher and we drove to the crash site, another truck had followed, we found the plane had crashed into water, we were yelling asking if there was anyone there, we than began looking for any sighis of people around the crash site, a woman came up and indicated there was two air craft involved, I went through the woods North of the crash and found Nothing, I came back to the truck and left the area to the professionals.



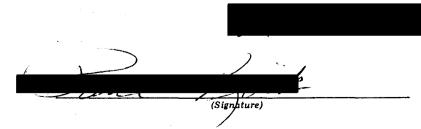
NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

	Date 12-4-1999
1.	Place of accident Doland Airport Date 12-3-1999 Hour/O:10 Am
2.	Type of vehicle Arrelance
3.	Identification of vehicle Blue & white ER - white / Red plane
	What is your name taul Kirk Age 45
5.	Address Deland F1 32720
6.	Occupation Equipment Opere. By whom employed City of De land
7. 8.	Where were you at the time of the accident <u>Guing 5 on Ramp area Muara</u> Ex Du ding Tell in your own words what you saw or heard before and at the time the accident occurred.
	I observed the Blue twhite ER plane taking on Runway 5. He used almost all white runway become and bowhed but disappearing into the trees. The other plane came in from the N to 5/E Very low disappearing were sperling park.



NTSB FORM 6120.11 (Rev. 10/77) (Use reverse side of sheet for diagram and additional statement)

Ditness from Skydia deleno.

Tranquis LECLOUX Now YORK phone number

I heard one plane just above the parking of the dropzone (next to the tents) which had difficulties with its engine. It twoughed. And after 1' maybe 5 minutes" I turn back and saw the The plane going crushed and debrits explosed in the air. I just saw the last meters of the crash.

	(first)	(middle)	Wn	Date of Birth:
Address:	JOHNNY	Delna d		Phone:
Employment (company named JMAC, INC. Stif-Employed - Ex			Cellatie	Phone:
Other Residents of This Add		and ages)	,	
Did you know of the offense	??	∀es	No	
How did you first learn of it? HENRO CRASK & SAW	? (when?) DiBRIS Galli	J9		
Did you know the victim?	PALST CONTRACTOR OF THE PARTY O	Yes	No	
What was your relationship v talked to)	with the victim?	(if knew, da	ite, time, and l	ocation last seen

What knowledge do you have of the crime?

WAS 5.TT. Vg ON front porch facing North. Heard 2 planes h.t.

Heard Engine Running. Saw debris falling. Got into piasonal which after telling friend stacy. to call 911. Went into Speaking Complex and saw people standing by plane which is close to runnay. Airport security and saw people standing by plane which is close to runnay. Airport security and saw people standing by plane which is close to runnay. Airport security and saw people standing by plane which is close to plane. It to get a others from Airport. Located 2nd plane. Finched into plane, letting in faction of plane, it to be seen allowed who might be inside. Did not observed dibers to try to locate myone who might be inside. Did not observed dibers to try to locate myone who might be inside. Did not observed dibers to try to locate myone who might be inside. Did not observed and myone mostly of plane. Treedwort to disturb Anything inside of plane. Except to locate mostly. Information sqt. mike coff. I of about at seeme.

Typed statement taken from this witness?

Yes

No



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

	Date 12-4-89.
1.	Place of accident Deland Date 12-3-99 Hour 1010
2.	Type of vehicle Two Aircraft
3.	Identification of vehicle
4.	What is your name Age
5.	Address
6.	Occupation By whom employed
7.	Where were you at the time of the accident
8.	Tell in your own words what you saw or heard before and at the time the accident occurred.
	Between 10:00 + 10:30 Linda Tauch and myself
	were standing on her perak looking up at the planes.
	that say to I out to my particularymic
	1 to 1
	going North collished with the West bounded off
	going North collisted with the other sounded off One fell straight down, the other went to the
	One fell straight down, the since went to the bothe North West, I immediately went to the
	complex fork and found one plane tuned upsicle down in water. I ran to the plane and upsicle down in water to see if anyone was aline
	upsicle down in water han a fire
	wanted to try to help to see if anyone was aline wanted to try to help to see if anyone was aline. But men on the scene by then would not let me.
٩	Thought of they were alive, they would structure. So I left and went to find otherplane SB FORM 6120.11 (Rev. 10/77) (Use reverse side of sheet for diagram and additional statement)
NT	SB FORM 6120.11 (Rev. 10/77) (Use reverse side of sheet for diagram and additional statement)

	٩	1	1
PAGE	1	OF	ļ

VOLUNTARY WITNESS STATEMENT

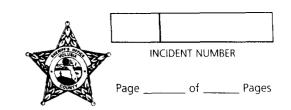
NAME: (LAST) Melerdez (FIRST) be (MIDDLE) Luca
ADDRESS: (LOCAL)
ADDRESS: (BUSINESS)
TELEPHONE NUMBER: (HOME)(BUSINESS)
DATE OF BIRTH: SSN: SSN: SSN: SSN: SSN: SSN: SSN: SS
CONTACT PERSON: A (R) TELEPHONE NUMBER:
I DO HEREBY MAKE THE FOLLOWING STATEMENT TO
WHO HAS FIRST IDENTIFIED HIMSELF/HERSELF AS A POLICE OFFICER
I Near Jensine sound then crash looked up to
I Near despine sand then crash boliced up to see a ling and despris felling & Immediately
instructed others to all 9/1 then went to
seeif I could help in any way. Shot uses
of both accident seems and delivered
Same to Police on site
* possibly abody was thour for Heplane (s)
SIGNATURE OF AFFIDAVIT
The foregoing instrument was acknowledged before me thisday of
by the Affiant who is personally known to me or who has produced
as identification and who did/did not take an
oath.
(Print Name)NOTARY PUBLIC LAW ENFORCEMENT OFFICER

I	D.P.D. CASE NO:	PAGE OF
DORESS 1	IN YUGOSAVIA	OLUNTARY WITNESS STATEMENT
		,
	NAME OF A STATE OF A S	(FIRST) MARKO (MIDDLE)
OSLAVIA	ADDRESS: (LOCAL)	(FIRST) [TAKKO (MIDDLE)
	ADDRESS: (BUSINESS)	
	TELEPHONE NUMBER: (HOME	(BUSINESS)
	·	SSN: N/A RACE SEX M
	•	TELEPHONE NUMBER:
		LOWING STATEMENT TO $A \angle$
		HIMSELF/HERSELF AS A POLICE OFFICER
	Tanu zun	DINAICA FOLIAM DAME
		PLANES FALCING DOWN
	,	AND I THREDIATELY
		CRASH SITE, WE FOUND PAGHED AND STUCK IN TO THE
	ON MY WAY	RUNNING TO THE OTHER PLANE, TO SITE I FOUND ENGINE AND
	WING FROM	THE PLANES. I WAS FIRST
	DN THE CRASH	SITE OF THE SECOND PLANE
	<u>V</u>	1, 1
		SIGNATURE OF AFFIDAVIT
	The foregoing instrument was	acknowledged before me this <u>3</u> day of <u>ble</u>
	19, by the Affiant who is perso	onally known to me or who has produced
		as identification and who did/did not take an
	oath.	A sold
		(Print Name)NOTARY PUBLIC
		LAW ENFORCEMENT OFFICER C

99-12-52419 1020 1027

PS-0080-0297

VOLUSIA COUNTY SHERIFF'S OFFICE STATEMENT



NCIDENT TYPE	NAME OF PERSON SIGNING
NGDENT THE	HOWARD William PETERSON
ADDRESS	I MOWARD WILLIAM TETERSON
NEU	
AGE BIRTH DATE HOME PHONE	EMPLOYED AT/SCHOOL ATTENDS
40 BIRTHDATE HOWETHONE	
STATEMENT TAKEN AT DATE TII	City of DELAND
DEC. 3,1999	
,	(INITIALS)
HOWARD PETERSON	, do hereby, freely and voluntarily, make the following statemen
,	
1	11 000000
I was working at	the ballfield read a
big bang looked up	in the air and saw the
plane rose diving and	in the air and saw the parts of the plane falling
down fepind my traile	The gray and a second
down figure my marce	
I SWEAR AND AFFIRM THE ABOVE STATEMENTS	SWORN TO AND SUBSCRIBED BEFORE ME THIS
ARE TRUE AND CORRECT.	_ OS DAY OF <u>DECEMBER</u> , 1999
11 12	1.1
your of we we	1 2349
SIGNATURE	NOTARY PUBLIC LAW ENFORCEMENT OFFICER

ZALIZINA
I WAS STANDING, ON THE TELEPHONE BY
THE SEAR STORE, FACING OUT ON TO
THE LIRFIELD. THERE WERE TWO PLANES
FLYING DEEP OUT ON THE AIRFIELD IN THE
LEFT HAMD SIDE OF MY FIELD OF VISION.
A WHITE PLANE WAS FYING LAWAY FROM
ME AND THE DARVER PLANE APPEARED TO
BE FLYING TOWARDS ME. THE PLANES
COLLIDED IN MID AIR, PONTEDE ON PAGE A WINS
APPEARED TO COME OFF THE WHITE PLANT AND
FELL STRAIGHT DOWN. THE FUSELAGE OF
THE WHITE PLANE FEU STRAIGHT DOWN
WITH THE COCYPIT FACING DIRECTLY TOWARDS
ME. THE DARVER COLOURED PLANE SEEMED
to FALL PRETTY MUCH STRAIGHT DOWN
AT EXACTLY THE SAME TIME. THE WHIE
PLANE WAS & SINGLE ENGINE. I CANNOT
RECAU MUCH DETAIL ABOUT THE OTHER PHATE
PLANE.
MATTHEW SELLOPS
HE FRANK FORF ST
DELAM 32724

MANTER PLANE

WHITE
SINGLE
ENGINE

SEL-EXS

ATTACH

TO TOTAL

TO TOTAL

SEL-EXS

TO TOTAL

TO TO

4]

OFFICIAL STATEMENT DELAND INCIDENT

To whom it may concern,

My name is Patrick O'Brien. I work for Embry-Riddle as a technical assistant at the Aircraft Fleet Maintenance Center. Upon completing a Functional Check Flight for N460ER, I landed at Deland to drop off some parts for our operation(CATER and supporting maintenance) there. Grant Brophy(Safety for ERAU), Chris Cunningham(Aircraft Technician for ERAU) and I were standing South of the maintenance hangar. Grant reacted to something occurring in the air Northeast of where we were standing. I was looking elsewhere when he made this reaction but when I looked up I saw a white aircraft tumbling out of control sideways into the woods at the departure end of Runway 5. Simultaneously I heard a large crunch that sounded like a car crash. No fire was noted. I also took note of a large sheet of metal(looked like a wing) floating down into the woods South of where the aircraft went down. I also noted many smaller pieces coming down in the general area. I did not see any other aircraft going down. Grant, Chris and I drove a golf cart out to lend assistance.

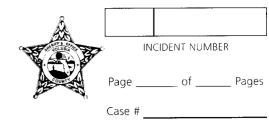
Any questions please call me at

Regards,

SOUTH NO

Patrick J. O'Brien, Technical Assistant, ERAU

VOLUSIA COUNTY SHERIFF'S OFFICE STATEMENT — CONTINUED



incident Type Colliseon 2 acrolan	NAME OF PERSON SIGNING LINDA NASH LAUCH
1	. 3 may friend Lavey
Mc Corner and of we	ue stanted on my front
Porch Jacing west and	we paw a museldine
Colliston - V Kad Nolice	all morning the Unusual
white place with short fa	twings touching & Sour-and
The Only Mason of Moter	of a war Dicarrett had
Treva Tean a Refore a	by collider in true of
Co Our gardeliden - Ct	alled 911
Nascy and Tangel Co	asied 411
- And ha	Co. The De Colon Choi
	4
	J
I SWEAR AND AFFIRM THE ABOVE STATEMENTS	SWORN TO AND SUBSCRIBED BEFORE ME THIS
ARE TRUE AND CORRECT	DAY OF ,
SIGNATURE	NOTARY PUBLIC/LAW ENFORCEMENT OFFICER

To Whom It May Concern:

This is a statement of the events at Deland Municipal, on December 3, to the best of my recollection. I was with my instructor on the taxiway in N201SE when the accident occurred. We were in the pattern for approximately one hour practicing takeoffs and landings. With regards to the aircraft N153ER, I remember seeing and hearing this aircraft for a couple of patterns prior to the accident. With regards to the traffic on the NDR 23, I do remember hearing "NDR 23". I do not remember hearing distance, identification or intentions. I can not be certain whether it was the last pattern we flew or the one prior to this that I heard "NOR 23".

Frederick Kuhn

mun samu

Grant Brophy ERAU 600 S. Clyde Morris Blvd Daytona Beach, FL 32114

Mr. Brophy,

This is in response to your request for a statement regarding the aircraft accident that occured Friday December 3rd.

My student, Frederick Kuhn, and I were flying a mooney N201SE at the Deland airport between 0900 and 1045 on December 3, 1999. During our 6 trips in the pattern, I noticed light traffic (2-3 aircraft in the traffic pattern at any given time.) Among the tail numbers that I remember were N153ER, N159ER, and N921ER. I do not recall exactly if 159ER and 921ER remained in the pattern or if they were coming or going. In addition there were a few other non Embry-Riddle aircraft coming and going.

I do specifically recall N153ER making at least 2 trips in the pattern because we were behind the plane on the downwind during our 2nd pattern. During this pattern my student and I commented on the wideness of the downwind leg and we wondered if they were staying in the pattern or exiting, this was quickly answered by their radio call turning base and then they called turning final.

During our pattern work, I recall hearing someone say "VOR 23" while we were on the crosswind leg. Unfortunately, I do not recollect during which trip this was but I do remember looking in the general direction of the VOR 23 approach for oncoming traffic and saw nothing. I did not catch a request for Airport advisory or a distance from the airport because I was asking Mr. Kuhn a question during the transmission.

After our last landing, Mr. Kuhn taxied off runway 5 on taxiway charlie and slowed to taxi speed while I completed the after landing checklist. At that time I turned our radio down all the way and we began to taxi back to the beginning of runway 5 for another takeoff. While passing the ERAU FBO we noticed several cars entering the ramp area and driving towards the departure end of the runway. At that point we decided that some sort of accident had occured and we aborted our next takeoff and parked the aircraft back on the ramp.

I hope this information is helpful in your aircraft accident investigation.

Sincerely,

Blair P. Knudson

TO: Grant Brophy, Embry-Riddle Aeronautical University (ERAU) Aviation Safety Program Manager

FROM: Randy Schlensig, ERAU Instructor Pilot

SUBJECT: Deland Mid-Air Collision

- 1. Myself and AS345 (airplane multi-engine land) student Angelo Ricci departed DAB in N925ER, a PA44-180 Piper Seminole at approximately 0900 local time Friday, December 3, 1999. Our destination was DED to conduct training on two tasks, short field landings and go-arounds, in preparation for Angelo Ricci's end-of-course recheck.
- 2. We entered the pattern at DED at approximately 0920 and entered the left hand traffic pattern for runway 5. My recollection is two to three other aircraft were either observed or heard operating in the DED pattern upon our arrival. I don't specifically recall if N153ER was in the pattern prior to our arrival.
- 3. After making the first landing and takeoff at DED, I waited for the opportunity to simulate an obstruction on the runway requiring my student to execute a go-around. However, every time we were on final there was an aircraft taking off making the distance between us unsuitable to practice the maneuver. I vividly recall seeing and hearing the PA28 Piper Cadet N153ER conducting closed traffic patterns concurrently with us. N153ER announced its position, in a female voice, on each leg of the pattern and after clearing the runway. As best as I can recall I either heard or saw N153ER make three landings while we were there. I distinctly recall being impressed with the professionalism and confidence of the female voice on the radio. After what I believe was our fourth short field landing, we were awaiting takeoff behind a vintage single engine high wing yellow and white taildragger aircraft. I observed the taildragger taxi onto runway 5 while another aircraft was on final. The aircraft on final made a radio call to the taildragger as he was taxiing onto runway 5 to inform him there was another aircraft on final. The taildragger responded that he, "was blasting out of there" and wouldn't be a factor. During the climbout I monitored what I believe to be the gruff elderly male voice from the taildragger saying something to the effect that, "all the amateurs were at 1,000 feet."
- 4. Angelo and I determined that the attitude of the taildragger pilot, combined with what I believe was four other aircraft using the pattern, made it unfeasible for us to practice our go-around maneuvers at DED. We briefed a departure to Lee (1J6) a grass strip approximately 3 miles north of DED to practice go-arounds. We departed runway 5 on a left crosswind departure at 1,000' at what I estimate to be 1000-1015 local time. We remained on 122.8 during the departure and upon arrival at Lee since the CTAF frequencies are the same.
- 5. We conducted three go-arounds at Lee between approximately 1010 and 1025 local time. I have no recollection of any advisory call from the Phoenix East Seminole. With my workload in monitoring my student's traffic patterns and go-arounds it is probable that if such a call were made, I wouldn't have noticed it.
- 6. I tuned the ATIS and copied it while my student flew heading 330 departing Lee. I never heard any unusual radio activity or distress calls prior to leaving the frequency. Upon landing at DAB at approx. 1040, we entered the ERAU flight operations and noted the Flight Supervisor's board had been posted with, "DED closed".

7.	If you wish to reach me for further information my home number is (and email is
	My student Angelo Ricci can be reached at (·

PONCE DE Suig



NATIONAL TRANSPORTATION SAFETY BOARD WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

	Date 12-5-49
1.	Place of Rob Lee Airport Date 12-3-99 Hour 1523
2.	Type of vehicle Twin Engine Aircraft
3.	Identification of vehicle Blue, Green, & White
4.	What is your name Franklin Robert Burbank Age 14
5.	AddressMount Dora FL
6.	Occupation Student Glider By whom employed High School Student
7.	Where were you at the time of the accident Bob Lee Airport Ops Builing
	Tell in your own words what you saw or heard before and at the time the accident occurred.
	The Aircraft discribed above. I watched
7	the aircraft do 2 or 3 approachs on runway
C	ig with gear + flaps deployd. After the Last
Q,	pproach the aircraft turned and headed
1	n the direction of Deland Airport.

TVV

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

	Date 99
1.	Place of accident DEUROD Date 1203-99 Hour 1000 +-
2.	Type of vehicle PID Chart
3.	Identification of vehicle
4.	What is your name F. W. YOHKSOO Age 72
5.	Address . For 16-
6.	Occupation Pilot By whom employed Tomore
7.	Where were you at the time of the accident
8.	Tell in your own words what you saw or heard before and at the time the accident occurred.
	3 PASSEG LOW
	UTSS TO CASI
	50- Miscour PSON OFACO.
	Jan Low

(Signature)

NTSB FORM 6120.11 (Rev. 10/77) (Use reverse side of sheet for diagram and additional statement)

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

	Date $\frac{(\hat{\lambda} - 3 - \hat{\gamma})}{(\hat{\lambda} - 3 - \hat{\gamma})}$
1.	Place of accident ED DELAND AIRPORT Date 12-3-99 Hour 10:20 A.
2.	Type of vehicle BLUG & WHITE GIRCRAFT
3.	Identification of vehicle
	What is your name PAIRICIA E JOHNSON Age 58
5.	Address DELAND FL. 32120
6.	Occupation RETIRED By whom employed
	Where were you at the time of the accident Poricine Lot of "HAIR PORT"
	Tell in your own words what you saw or heard before and at the time the accident occurred.
	STANDING AT FENCE AT WEST END OF "HAIRPORT" PARCING LOT
	LAND LAND TAKE OFF AND LAND
	AT ABOUT 10:20 AM I SAW A BLUE & WHITE AIRERATET
	TAKE OFF. HEADING EAST.

(Signature)

TM

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

		Date 18/5/99	
1.	Place of accident <u>Deland</u>	Date 12, 3 99	Hour 10 10 am
2.	Type of vehicle PA 28 - 161		
3.	Identification of vehicle N153ER		
4.	What is your name Anne-Véronque	BUSCH	Age <u>22</u>
5.	Address	1035 Daytona	,FC, 32114
6.	Occupation Flight instructor By who	om employed <u>ERAU</u>	
7.	Where were you at the time of the accident Head		ED from the
8.	Tell in your own words what you saw or heard before	e and at the time the accident occu	rred.
K	ty student and I were in	159ER, and in	the north
10	strice area doing mai	neubox Due to	the buch
	to my analytica we	had timed do	211000
+0	shead i	and around	and decided
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9	. I hererd "Pidus Isa	or mag were	usingrwy
\mathcal{C}	. U heard "Riddle 153 + listened because it	along of rw	15 "
5	2 Calling man	thought some	body minh
A	listened because it	sign, so u lust	ened in
+C	ter establishing it with the teaching in the total signal of sheet for dia second of the call signal of the	agram and additional statement)	went back
TY	re only other call sign	191 Jour house	d was a
	correct with Ew un	the DED CICIA	oity.

Luis G. Montiel

To Whom It May Concern:

On Friday December 3, 1999 between 0830 hrs. and 0845 hrs., I was on PA44 N923ER with my student Andres Moscoso. We were taxing to the run-up area right next to runway 5 at the Dedland airport. While getting ready to perform our run-up checklist, I heard PA28 N153ER piloted by Todd Loundry and his student, call for base and then final for runway 5 at the Dedland airport on 122.8 (DED frequency). After finishing up our run-up checklist I heard PA28 N153ER on 122.8 call for takeoff on runway five at Dedland. I also had a visual with PA28 N153ER and saw it taking off on runway 5. If you have any question regarding this matter, please fell free to contact me at anytime.

Cordially

Luis G. Montiel

ERAU Instructor Pilot

OFFICIAL STATEMENT Deland Incident Investigation

To whom it may concern:

My name is Patrick J. O'Brien, Jr. I work for Embry-Riddle Aeronautical University at the Aircraft Fleet Maintenance Center as a Technical/Administrative Assistant. On November 29, 1999 and on subsequent dates to that date I flew N153ER, a Piper Cadet aircraft owned and operated by Embry-Riddle Aeronautical University. These were Functional Check Flights performed to insure the aircraft was operationally and functionally correct in handling and performance. These particular flights were being performed for a wing heavy condition in this aircraft(N153ER). On all these flights I did not have any problems with radio or navigation equipment. I asked all the Aircraft Maintenance Technicians involved with the repair of the aircraft if they had any problems with the Comm/Nav equipment and all responded they had no problems.

If you have any other questions please call me at anytime.

Regards

Patrick J. O'Brien, Jr. ERAU

TM

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

STATEMENT OF WITNESS

The purpose of this statement is intended solely for use in determining the facts, conditions and circumstances, and the probable cause of the subject accident.

	Date 12-4-99
	Place of accident Delend Airport Date 12-3-89 Hour 10:10
2.	Type of vehicle Two - Piper Aircraft
3.	Identification of vehicle
4.	What is your name WAIT Czyżewgk! Age 62
5.	Address _ Deland Fl
6.	Occupation By whom employed
7.	Where were you at the time of the accident
8.	Tell in your own words what you saw or heard before and at the time the accident occurred. Piper Seminale Made 3 pursues at Baf Lea August. I High Poiss at approx 150°ft, I not pass approx 75'ft by effects down below below below below the top wheels down 4 not pass very low below as after the tree top whysay black. If heading east after the 3 not pass.

W THE I TO (Signature)

NTSB FORM 6120.11 (Rev. 10/77) (Use reverse side of sheet for diagram and additional statement)