



National Transportation Safety Board Aviation Accident Final Report

Location:	15NM W. OPA LOC, FL	Accident Number:	MIA82FA037
Date & Time:	01/21/1982, 0154 EST	Registration:	N211TA
Aircraft:	DOUGLAS DC-3	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Minor

Flight Conducted Under: Part 91: General Aviation -

Analysis

DURING A TOUCH & GO THE DUAL STUDENT ADDED POWER RAPIDLY & THE LEFT ENG SPUTTERED CAUSING THE ACFT TO SWERVE LEFT. THE INSTRUCTOR TOOK CONTROL BUT FELT RESISTANCE ON THE CONTROLS FROM THE STUDENT. HE THEN REDUCED POWER ON BOTH ENGS & THEN REAPPLIED POWER AT WHICH TIME HE FELT BOTH ENGS COME UP TO POWER. AT THIS POINT THE LEFT WING CAUGHT SCRUB TREES 90 FT TO THE LEFT OF THE RUNWAY.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) THROTTLE/POWER CONTROL - IMPROPER USE OF - DUAL STUDENT

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

2. GROUND LOOP/SWERVE - INADVERTENT - DUAL STUDENT
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - DUAL STUDENT
4. (C) RELINQUISHING OF CONTROL - NOT PERFORMED - DUAL STUDENT
5. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

6. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	56, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last Medical Exam:	10/29/1981
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	10856 hours (Total, all aircraft), 5900 hours (Total, this make and model), 10686 hours (Pilot In Command, all aircraft), 106 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	DOUGLAS	Registration:	N211TA
Model/Series:	DC-3 DC-3	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	6342
Landing Gear Type:	Retractable - Tailwheel	Seats:	16
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	26200 lbs
Time Since Last Inspection:	42 Hours	Engines:	2 Reciprocating
Airframe Total Time:	37721 Hours	Engine Manufacturer:	CURTISWRIGHT
ELT:	Installed, not activated	Engine Model/Series:	R-1820-202A
Registered Owner:	TURSAIR, INC.	Rated Power:	1200 hp
Operator:	TURSAIR, INC.	Air Carrier Operating Certificate:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Observation Time:	0000
Distance from Accident Site:	0 Nautical Miles	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Temperature/Dew Point:	79° C / 0° C
Lowest Ceiling:	Unknown / 0 ft agl	Visibility	15 Miles
Wind Speed/Gusts, Direction:	, Variable	Visibility (RVR):	0 ft
Altimeter Setting:	30 inches Hg	Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	OPA LOCKA, FL	Type of Flight Plan Filed:	None
Destination:	OPA LOCKA, FL	Type of Clearance:	None
Departure Time:	0014	Type of Airspace:	

Airport Information

Airport:	OPA LOCKA WEST (X64)	Runway Surface Type:	Macadam
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	
Runway Length/Width:	3000 ft / 60 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	2 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Adopted Date:	01/21/1983
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .	

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