



# Aviation Investigation Final Report

<b>Location:</b>	READINGTON, New Jersey	<b>Accident Number:</b>	NYC93LA032
<b>Date &amp; Time:</b>	November 1, 1992, 16:23 Local	<b>Registration:</b>	N13WG
<b>Aircraft:</b>	LET LF-13	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT WAS IN THE TRAFFIC PATTERN WHEN HE REALIZED HE WOULD NOT MAKE THE RUNWAY. THE PILOT PLANNED HIS LANDING INTO AN OPEN FIELD WHILE ON BASE LEG. DURING TOUCHDOWN, HE ENCOUNTERED RISING TERRAIN THAT WAS MASKED BY THE GRASS IN THE FIELD. THE WINGS OF THE GLIDER WERE BENT DOWNWARD DURING THE LANDING.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S POORLY PLANNED APPROACH FOR LANDING WHICH RESULTED IN AN OFF AIRPORT LANDING IN UNSUITABLE TERRAIN.

## Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

1. (F) TERRAIN CONDITION - GRASS
2. (F) TERRAIN CONDITION - RISING
3. (C) PLANNED APPROACH - POOR - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	34, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	Glider	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	None None	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	46 hours (Total, all aircraft), 3 hours (Total, this make and model), 28 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	LET	<b>Registration:</b>	N13WG
<b>Model/Series:</b>	LF-13 LF-13	<b>Aircraft Category:</b>	Glider
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	174812
<b>Landing Gear Type:</b>	Ski/wheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	October 5, 1992 Annual	<b>Certified Max Gross Wt.:</b>	1102 lbs
<b>Time Since Last Inspection:</b>	10 Hrs	<b>Engines:</b>	0 Unknown
<b>Airframe Total Time:</b>	2047 Hrs	<b>Engine Manufacturer:</b>	
<b>ELT:</b>		<b>Engine Model/Series:</b>	
<b>Registered Owner:</b>	CENTRAL JERSEY SOARING CLUB	<b>Rated Power:</b>	
<b>Operator:</b>	CENTRAL JERSEY SOARING CLUB	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Overcast / 6000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	40°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	N/A - None - Haze		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	16:00 Local	<b>Type of Airspace:</b>	Airport advisory area

## Airport Information

<b>Airport:</b>	SOLBERG-HUNTERDON N51	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	195 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	4	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2000 ft / 150 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 Minor	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Hancock, Robert
<b>Additional Participating Persons:</b>	GENE CULP; ALLENTOWN , PA
<b>Original Publish Date:</b>	September 14, 1993
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=37268">https://data.nts.gov/Docket?ProjectID=37268</a>

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