



National Transportation Safety Board Aviation Accident Final Report

Location:	SCOTTSDALE, AZ	Accident Number:	LAX84LA241
Date & Time:	04/05/1984, 1715 MST	Registration:	N81962
Aircraft:	de Havilland DH 114	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Analysis

FOR UNDETERMINED REASONS THE PLT EXPERIENCED A POWER LOSS ON BOTH LEFT ENGINES WHILE TURNING FROM LEFT BASE TO FINAL FOR LDG. THE PLT WAS UNABLE TO MAINTAIN DIRECTIONAL CONTROL AND ELECTED TO REDUCE POWER ON THE RIGHT ENGINES. DURING THE FORCED LDG ROLL THE ACFT COLLIDED WITH 3 DITCHES AS WELL AS SMALL TREES. AS THE ACFT TOUCHED DOWN BOTH LEFT ENGINES RESUMED FULL POWER.

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

Phase of Operation: APPROACH - VFR PATTERN - BASE TURN

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

2. TERRAIN CONDITION - DITCH

Occurrence #4: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

3. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	36, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	03/26/1984
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	5682 hours (Total, all aircraft), 37 hours (Total, this make and model), 5533 hours (Pilot In Command, all aircraft), 105 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	de Havilland	Registration:	N81962
Model/Series:	DH 114 DH 114	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	14053
Landing Gear Type:	Retractable - Tricycle	Seats:	16
Date/Type of Last Inspection:	01/03/1984, Annual	Certified Max Gross Wt.:	12499 lbs
Time Since Last Inspection:	7 Hours	Engines:	4 Reciprocating
Airframe Total Time:	20652 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-540-G1A5
Registered Owner:	SCENIC AIR TOURS	Rated Power:	290 hp
Operator:	SCENIC AIR TOURS	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SDL, 1508 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1715 MST	Direction from Accident Site:	270°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	40 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	ALBUQUERQUE, NM (ABQ)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	VFR
Departure Time:	1610 MST	Type of Airspace:	Class D; Class E

Airport Information

Airport:	SCOTTSDALE (SD1)	Runway Surface Type:	Dirt
Airport Elevation:	1508 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced Landing; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	AUDREY M SCHUTTE	Report Date:	
Additional Participating Persons:	ROBERT T CURTIS; SCOTTSDALE, AZ		
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).