



National Transportation Safety Board Aviation Accident Final Report

Location:	ALBUQUERQUE, NM	Accident Number:	DEN88LA005
Date & Time:	10/08/1987, 1615 MDT	Registration:	N711TT
Aircraft:	ROCKWELL 690B	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious, 1 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

ACFT WAS LANDING ON RWY 17 AT CORONADO AIRPORT, 9 NM N OF ALBUQUERQUE, NM INTL ARPT. PLT SAID HE BROUGHT PROPS INTO REVERSE AND ACFT WENT OFF RIGHT SIDE OF RWY. PLT BROUGHT PROPS OUT OF REVERSE, REALIGNED ACFT ON RWY, AND REVERSED PROPS AGAIN. ACFT WENT OFF RIGHT SIDE OF RWY AND COLLIDED WITH RWY LIGHTS AND CULVERTS. RIGHT MAIN AND NOSE LANDING GEARS COLLAPSED. WITNESSES SAID APCH WAS TOO FAST WITH HIGH SINK RATE THAT WAS ARRESTED IN LANDING FLARE. PLT SAID HE DID NOT THINK THERE HAD BEEN ANY MECHANICAL FAILURE OR MALFUNCTION, BUT LATER WROTE HE THOUGHT LEFT PROP FAILED TO REVERSE. EXAM OF ACFT REVEALED BOTH PROP BLADE TIPS CURLED OPPOSITE DIRECTION OF ROTATION ABOUT 6 IN FROM TIP.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (F) AIRSPEED(VREF) - EXCESSIVE - PILOT IN COMMAND
 2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
 3. (F) PLANNED APPROACH - POOR - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

4. (F) OBJECT - RUNWAY LIGHT
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Occurrence #3: GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Commercial	Age:	67, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	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 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	06/25/1986
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	7230 hours (Total, all aircraft), 1086 hours (Total, this make and model), 7230 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ROCKWELL	Registration:	N711TT
Model/Series:	690B 690B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	11362
Landing Gear Type:	Retractable - Tricycle	Seats:	10
Date/Type of Last Inspection:	03/26/1987, 100 Hour	Certified Max Gross Wt.:	10325 lbs
Time Since Last Inspection:	40 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	1829 Hours	Engine Manufacturer:	GARRETT
ELT:	Installed, not activated	Engine Model/Series:	TPE331-5-251K
Registered Owner:	ADA AIRCRAFT MUSEUM	Rated Power:	718 hp
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:	MID-AMERICA AIR GROUP	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ABQ, 5352 ft msl	Distance from Accident Site:	9 Nautical Miles
Observation Time:	1550 MDT	Direction from Accident Site:	2°
Lowest Cloud Condition:	Scattered / 8000 ft agl	Visibility	60 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	21 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	29° C / -7° C
Precipitation and Obscuration:			
Departure Point:	OKLAHOMA CITY, OK (ZDT)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	1430 CDT	Type of Airspace:	Airport Advisory Area; Class G

Airport Information

Airport:	CORONADO (4AC)	Runway Surface Type:	Asphalt
Airport Elevation:	5280 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	4010 ft / 60 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ARNOLD W SCOTT	Report Date:	10/06/1988
Additional Participating Persons:	WALTER P TIDMORE; ALBUQUERQUE, NM		
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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