



Aviation Investigation Final Report

Location:	CEDAR RAPIDS, Iowa	Accident Number:	CHI92LA181
Date & Time:	June 17, 1992, 10:20 Local	Registration:	N50CR
Aircraft:	NORTH AMERICAN 265-50	NA-	Aircraft Damage: Substantial
Defining Event:		Injuries:	4 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

THE AIRPLANE COMPLETED AN ILS APPROACH TO RUNWAY 27 AND REQUESTED TO CIRCLE TO LAND RUNWAY 13. THE TOWER WAS REPORTING WIND AS TWO FIVE ZERO AT TWO ONE. ON LANDING THE SECOND PILOT WAS UNABLE TO STOP THE AIRPLANE ON THE RUNWAY. THE AIRPLANE OVERRAN THE END OF THE RUNWAY AND IMPACTED AN ELEVATED SERVICE ROAD OFF THE END OF RUNWAY 13 COLLAPSING THE NOSE LANDING GEAR.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT-IN-COMMAND'S SELECTION OF THE WRONG RUNWAY FOR LANDING. A FACTOR WAS THE TAILWIND.

Findings

Occurrence #1: OVERRUN
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - TAILWIND
2. (C) WRONG RUNWAY - SELECTED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

3. TERRAIN CONDITION - ROADWAY/HIGHWAY

Occurrence #3: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Factual Information

Pilot Information

Certificate:	Airline transport; Flight instructor	Age:	58, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	May 21, 1992
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	19306 hours (Total, all aircraft), 1619 hours (Total, this make and model), 17366 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	NORTH AMERICAN	Registration:	N50CR
Model/Series:	NA-265-50 NA-265-50	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Experimental (Special)	Serial Number:	287-001
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	February 6, 1992 Continuous airworthiness	Certified Max Gross Wt.:	18340 lbs
Time Since Last Inspection:	28 Hrs	Engines:	2 Turbo jet
Airframe Total Time:	3813 Hrs	Engine Manufacturer:	P&W
ELT:	Not installed	Engine Model/Series:	JT-12-8A
Registered Owner:	ROCKWELL INTERNATIONAL CORP.	Rated Power:	3300 Lbs thrust
Operator:	ROCKWELL INTERNATIONAL CORP.	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	CID ,864 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	10:19 Local	Direction from Accident Site:	130°
Lowest Cloud Condition:	Unknown / 3000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 3000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	22 knots / 28 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	26°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(CID)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	08:25 Local	Type of Airspace:	Class D;Class E

Airport Information

Airport:	CEDAR RAPIDS MUNICIPAL CID	Runway Surface Type:	Asphalt
Airport Elevation:	864 ft msl	Runway Surface Condition:	Dry
Runway Used:	13	IFR Approach:	Circling;ILS
Runway Length/Width:	5450 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Wilson, Stephen
Additional Participating Persons:	LARRY BROWN; DES MOINES , IA
Original Publish Date:	August 31, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=15473

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