



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	BRAWLEY, CA	<b>Accident Number:</b>	LAX91LA380
<b>Date &amp; Time:</b>	09/01/1991, 1900 PDT	<b>Registration:</b>	N4298C
<b>Aircraft:</b>	CESSNA C-340A	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	3 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

RETURNING TO THE PILOT'S HOME BASE AIRPORT, THE PILOT INDICATED THAT HE OVERFLEW THE UNCONTROLLED FIELD AND THEN ENTERED THE TRAFFIC PATTERN FOR RUNWAY 26 WHICH WAS OVER 4400 FEET LONG. THE PILOT REPORTED THAT HE OBSERVED THE WIND SOCK WAS PARALLEL TO THE RUNWAY BUT FAILED TO INITIALLY OBSERVE THAT HE WAS LANDING WITH A NEARLY DIRECT 20 TO 25 KNOT TAILWIND. THE AIRPLANE TOUCHED DOWN LONG, OVERRAN THE RUNWAY'S DEPARTURE END, COLLIDED WITH A POLE AND CAUGHT ON FIRE.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S SELECTION OF THE WRONG LANDING RUNWAY AND HIS FAILURE TO ATTAIN THE PROPER TOUCHDOWN LOCATION. FACTORS WHICH CONTRIBUTED TO THE ACCIDENT WERE RELATED TO THE PILOT'S INADEQUATE OBSERVATIONS OF THE WEATHER AND THE TAILWIND CONDITION WHICH EXISTED.

## Findings

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Occurrence #1: OVERRUN

Phase of Operation: LANDING - ROLL

### Findings

1. (F) WEATHER OBSERVATION - INADEQUATE - PILOT IN COMMAND
2. (F) WEATHER CONDITION - TAILWIND
3. (C) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
4. (C) PROPER TOUCHDOWN POINT - NOT ATTAINED - PILOT IN COMMAND

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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

### Findings

5. OBJECT - POLE

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Occurrence #3: FIRE

Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	47, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	08/31/1991
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1597 hours (Total, all aircraft), 322 hours (Total, this make and model), 1475 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N4298C
<b>Model/Series:</b>	C-340A C-340A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	340A0601
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	01/02/2000, Unknown	<b>Certified Max Gross Wt.:</b>	5990 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, activated	<b>Engine Model/Series:</b>	TSIO-520NB
<b>Registered Owner:</b>		<b>Rated Power:</b>	310 hp
<b>Operator:</b>	NORMAN BARON	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Partial Obscuration / 0 ft agl	Visibility	3 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	20 knots / 25 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	35° C
Precipitation and Obscuration:			
Departure Point:	SAN DIEGO, CA (MYF)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	None
Departure Time:	1815 PDT	Type of Airspace:	

## Airport Information

Airport:	BRAWLEY MUNICIPAL (BWC)	Runway Surface Type:	Asphalt
Airport Elevation:	-129 ft	Runway Surface Condition:	Dry
Runway Used:	26	IFR Approach:	None
Runway Length/Width:	4447 ft / 60 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 Minor	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	Wayne Pollack	Report Date:	05/03/1993
Additional Participating Persons:	JOHN WINFORD; SAN DIEGO, CA		
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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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](#).