



National Transportation Safety Board Aviation Accident Factual Report

Location:	KANSAS CITY, MO	Accident Number:	MKC85LA081
Date & Time:	04/01/1985, 1530 CST	Registration:	N11HE
Aircraft:	EHLERS STARDUSTER ESA300	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Pilot Information

Certificate:	Private	Age:	50, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	06/05/1984
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2700 hours (Total, all aircraft), 500 hours (Total, this make and model), 2700 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	EHLERS	Registration:	N11HE
Model/Series:	STARDUSTER ESA300 STARDUSTER	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	1
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	05/29/1984, Annual	Certified Max Gross Wt.:	1100 lbs
Time Since Last Inspection:	11 Hours	Engines:	1 Reciprocating
Airframe Total Time:	175 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-435-1
Registered Owner:	SEAN MAC GREGOR	Rated Power:	190 hp
Operator:	SEAN MAC GREGOR	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MKC, 758 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1546 CST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 25000 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots / 15 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	11° C / -2° C
Precipitation and Obscuration:			
Departure Point:	DES MOINES, IA (DSM)	Type of Flight Plan Filed:	None
Destination:	KANSAS CITY, MO (MKC)	Type of Clearance:	None
Departure Time:	1330 CST	Type of Airspace:	Class D

Airport Information

Airport:	KANSAS CITY DOWNTOWN (MKC)	Runway Surface Type:	Asphalt
Airport Elevation:	758 ft	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	7000 ft / 150 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	CLINT THORPE
Additional Participating Persons:	CYNTHIA L BOWMAN; KANSAS CITY, MO MC ANALLY TED BILL PALMERTON
Investigation Docket:	NTSB accident and incident docket 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/ .