



National Transportation Safety Board Aviation Accident Factual Report

Location:	CLEARWATER, FL	Accident Number:	MIA91FA001
Date & Time:	10/02/1990, 1510 EDT	Registration:	N10EK
Aircraft:	ERIK K. VAN DER KAAY MARCO J-5	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Pilot Information

Certificate:	Commercial	Age:	46, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	04/02/1990
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1200 hours (Total, all aircraft), 28 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	ERIK K. VAN DER KAAY	Registration:	N10EK
Model/Series:	MARCO J-5 MARCO J-5	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	0135
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	08/13/1990, Annual	Certified Max Gross Wt.:	370 lbs
Time Since Last Inspection:	11 Hours	Engines:	1 Reciprocating
Airframe Total Time:	36 Hours	Engine Manufacturer:	IAME
ELT:	Not installed	Engine Model/Series:	KFM1-7ERMAX1
Registered Owner:	ERIK K. VAN DER KAAY	Rated Power:	30 hp
Operator:	ERIK K. VAN DER KAAY	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	CLW, 71 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1547	Direction from Accident Site:	150°
Lowest Cloud Condition:	Scattered / 3500 ft agl	Visibility	6 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	60°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	33° C / 20° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1500 EDT	Type of Airspace:	Class G

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	CARROL A SMITH
Additional Participating Persons:	JOHN D FOX; CLEARWATER, FL
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/ .