

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA00MA026		Aircraft Registration Number: N8079U	
		Occurrence Date: 02/16/2000		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place RANCHO CORDOVA		State CA	Zip Code 95742	Local Time 1951	Time Zone PST
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 2			
Aircraft Information Summary					
Aircraft Manufacturer Douglas		Model/Series DC-8-71F/DC-8-71F		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>The Board's full report is available at http://www.nts.gov/publicctn/publicctn.htm.</p> <p>On February 16, 2000, about 1951 Pacific standard time, Emery Worldwide Airlines, Inc., (Emery) flight 17, a McDonnell Douglas DC-8-71F (DC-8), N8079U, crashed in an automobile salvage yard shortly after takeoff, while attempting to return to Sacramento Mather Airport (MHR), Rancho Cordova, California, for an emergency landing. Emery flight 17 was operating under the provisions of 14 Code of Federal Regulations (CFR) Part 121 as a cargo flight from MHR to James M. Cox Dayton International Airport (DAY), Dayton, Ohio. The flight departed MHR about 1949, with two pilots and a flight engineer on board. The three flight crewmembers were killed, and the airplane was destroyed. Night visual meteorological conditions prevailed for the flight, which operated on an instrument flight rules (IFR) flight plan.</p>					
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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
Sacramento Mather Airport	MHR	96 Ft. MSL	22L	11301	150
Runway Surface Type:					
Runway Surface Condition:					
Approach/Arrival Flown:					
VFR Approach/Landing:					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
Douglas		DC-8-71F/DC-8-71F		45947	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Amateur Built Acft? No	Number of Seats:	Certified Max Gross Wt.	328000 LBS	Number of Engines: 4	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Turbo Fan	CFM International	CFM56-2-C1	22000 LBS		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Continuous Airworthiness	02/2000	5 Hours	84447 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type No	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
EMERY WORLDWIDE AIRLINES INC		City	State	Zip Code	
		Vandalia	OH		
Operator of Aircraft		Street Address			
EMERY WORLDWIDE AIRLINES INC		City	State	Zip Code	
		Vandalia	OH		
Operator Does Business As:			Operator Designator Code: RRXA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Flag Carrier/Domestic					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Non-scheduled; Domestic; Cargo					

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First Pilot Information

Name On File	City	State	Date of Birth On File	Age 43
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Sex: M	Seat Occupied: Left	Occupational Pilot? Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA:

Instrument Rating(s):

Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine

Current Biennial Flight Review?

Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--w/ waivers/lim.	Date of Last Medical Exam: 02/2000
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	13329	2128								
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days	119									
Last 30 Days										
Last 24 Hours										

Seatbelt Used?	Shoulder Harness Used?	Toxicology Performed? Yes	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: IFR

Departure Point Same as Accident/Incident Location	State	Airport Identifier	Departure Time 1949	Time Zone
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Destination DAYTON	State OH	Airport Identifier DAY	
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Type of Clearance: IFR

Type of Airspace:

Weather Information

Source of Wx Information:

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Weather Information

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
MHR	1950	PST	0 Ft. MSL	0 NM	0 Deg. Mag.

Sky/Lowest Cloud Condition: Scattered 2000 Ft. AGL Condition of Light: Night

Lowest Ceiling: Broken 7000 Ft. AGL Visibility: 10 SM Altimeter: 30.01 "Hg

Temperature: 8 °C Dew Point: 7 °C Weather Conditions at Accident Site: Visual Conditions

Wind Direction: Variable Wind Speed: Calm Wind Gusts:

Visibility (RVR): 0 Ft. Visibility (RVV) 0 SM

Precip and/or Obscuration:

Accident Information

Aircraft Damage: Destroyed Aircraft Fire: Ground Aircraft Explosion

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot	1				1
Second Pilot	1				1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer	1				1
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -	3				3
Other Ground	0	0	0		0
- GRAND TOTAL -	3	0	0		3

National Transportation Safety Board

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Administrative Information

Investigator-In-Charge (IIC)

GREGORY A. FEITH

Additional Persons Participating in This Accident/Incident Investigation:

JOSEPH MANNO