

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: CEN09RA185		Aircraft Registration Number: HB-ZIH	
		Occurrence Date: 11/05/2007		Most Critical Injury: Minor	
		Occurrence Type: Incident		Investigated By: Foreign	
Location/Time					
Nearest City/Place Mandarfrn	State	Zip Code	Local Time 0845	Time Zone UTC	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Kaman		Model/Series K1200 K-Max		Type of Aircraft Airplane	
Revenue Sightseeing Flight:			Air Medical Transport Flight:		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On November 5, 2007, at 0845 universal coordinated time, a Kaman K1200 K-Max helicopter, Swiss registration HB-ZIH, experienced an uncommanded cargo hook release during external load operations near Mandarfen, Austria. The helicopter was not damaged. The pilot, who was the sole occupant, was not injured, and one ground person sustained minor injuries. The helicopter was registered to and operated by Rotex Helicopters AG. Visual meteorological conditions prevailed at the time of the incident. The external load flight departed Grubenkopfbahn (Cableway) Support No. 9.</p> <p>The Austrian Accident Investigation Branch, Department Aviation, investigators reported that the helicopter experience an uncommanded cargo hook release. The long line impacted the head of a ground worker who sustained minor injuries. The helicopter landed uneventfully.</p> <p>The incident investigation is under the jurisdiction and control of the Austrian government. This report is for informational purposes only and contains only information released by or obtained from the Austrian government. Further information pertaining to this incident may be obtained from:</p> <p>Federal Office of Transport Accident Investigation Branch, Department Aviation Lohnergasse 9, 1210 Wein Updated on Apr 1 2009 12:08PM</p>					
FACTUAL REPORT - AVIATION					

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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used N/A	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Approach/Arrival Flown: Unknown					
VFR Approach/Landing: Unknown					
Aircraft Information					
Aircraft Manufacturer Kaman		Model/Series K1200 K-Max		Serial Number A94-0021	
Airworthiness Certificate(s): Unknown					
Landing Gear Type: Tricycle					
Amateur Built Acft? No	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines:	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
- Aircraft Inspection Information					
Type of Last Inspection Unknown	Date of Last Inspection	Time Since Last Inspection Hours	Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner Rotex Helicopter AG		Street Address			
		City Balzers	State	Zip Code	
Operator of Aircraft Rotex Helicopter AG		Street Address			
		City Balzers	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Non-U.S., Non-Commercial					
Type of Flight Operation Conducted: External Load					
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First Pilot Information

Name On File	City	State	Date of Birth	Age
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Sex: M	Seat Occupied: Unknown	Occupational Pilot?	Certificate Number:
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Certificate(s):

Airplane Rating(s):

Rotorcraft/Glider/LTA:

Instrument Rating(s):

Instructor Rating(s):

Current Biennial Flight Review?

Medical Cert.:	Medical Cert. Status:	Date of Last Medical Exam:
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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										
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

Seatbelt Used? Unknown	Shoulder Harness Used? Unknown	Toxicology Performed?	Second Pilot? No
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Flight Plan/Itinerary

Type of Flight Plan Filed: Unknown

Departure Point Grubenkopfbahn	State	Airport Identifier	Departure Time	Time Zone
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Destination Same as Accident/Incident Location	State	Airport Identifier	
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Type of Clearance: Unknown

Type of Airspace:

Weather Information

Source of Wx Information:

Unknown

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Weather Information

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

Sky/Lowest Cloud Condition:	Ft. AGL	Condition of Light: Day
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Lowest Ceiling:	Ft. AGL	Visibility:	SM	Altimeter:	"Hg
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Temperature:	°C	Dew Point:	°C	Weather Conditions at Accident Site: Visual Conditions
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Wind Direction:	Wind Speed:	Wind Gusts:
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Visibility (RVR):	Ft.	Visibility (RVV)	SM
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Precip and/or Obscuration:

Accident Information

Aircraft Damage: None	Aircraft Fire: None	Aircraft Explosion: None
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- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				1	1
Other Ground			1		1
- GRAND TOTAL -			1	1	2

National Transportation Safety Board

FACTUAL REPORT

AVIATION



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Administrative Information

Investigator-In-Charge (IIC)

Aaron M. Sauer

Additional Persons Participating in This Accident/Incident Investigation:

Martin Veit

Federal Office of Transport Austria