

Responsible entity	Romania AAIB	File number	0703/2015
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**Occurrence****Headline**

Headline	ACCIDENT MOTODELTAPLAN
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**Occurrence filing information**

File number	0703/2015	Responsible entity	Romania AAIB
Occurrence status	Preliminary		
Occurrence moderator			
Detection phase		Aviation sector	

**When**

Local date	06-Sep-15	UTC date	06-Sep-15
Local time	7:10 AM	UTC time	4:10 AM

**Where**

State/area of occ	Europe and North Atlantic Romania	Location of occurrence	VARLAAM, Giurgiu
		Latitude of occurrence	44:14:10 North
		Longitude of occurrence	26:04:59 East

**Severity**

Highest damage	Substantial	Damage not to a/c	None
Injury level	Minor	Object damaged	
Third party damage	No		

**Classification**

Occurrence class	Accident
Occurrence categories	SCF-PP: powerplant failure or malfunction

Risk grade	Applicability SES perf
Risk confidence	

**ATM relation**

ATM contribution	None	Effect on ATM service	No effect
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**Injury totals**

	Fatal	Serious	Minor	None	Unknown	Total
Total on ground						
Total on aircraft			2			2
Grand total			2			2

Narrative

**Narrative**

Narrative language Romanian

Aeronava a decolat de la aerodromul Clinceni la 07:10 LT urmand sa efectueze zbor in interes propriu in zona aerodromului.

La bord se aflau 2 persoane, ambii piloti si coproprietari ai aeronavei.

La ora 07:25 LT comandantul aeronavei a sesizat cresterea temperaturii la sistemul de racire. Acest lucru a dus ulterior la oprirea motorului.

Dupa acest moment, pilotul a luat masuri pentru o aterizare fortata. Dupa luarea contactului cu solul pe suprafata inierbata, in timpul rulajului, datorita unei denivelari a terenului, aeronava s-a rasturnat pe partea dreapta.

Cele 2 persoane au mers la spital dar nu au necesitat internare.

Aeronava deteriorata. Reparabila.

Narrative

**Narrative**

Narrative language English

Aircraft took off from CLinceni airfield at 07:10 LT and was planned to fly in the airfield area.

Onboard were 2 pilots, both co-owners of the aircraft.

At 07:25 LT, the PIC noticed a rise in temperature of the cooling system. This led to an engine stall.

The pilot took the decision to perform a forced landing. After touchdown on a grass field, while rolling, the aircraft rolled over on the right side because of a hole in the ground.

The two persons went to the hospital for a check but did not need any significant medical procedures.

The aircraft is damaged but can be repaired.

Weather

**General weather conditions**

Weather relevant	No	Weather conditions	
Visibility	9999 m	Light conditions	Daylight

**Temperature**

Air temperature	20 C	Dew point	
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Aircraft

**Aircraft identification**

Manufacturer/model	UNKNOWN (Janot Phantom - 15)	State of registry	Romania
		Aircraft registration	YR-5393

Year built	2013	Call sign	
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Serial number		Flight number	
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### Aircraft description

Aircraft category	Fixed Wing Sailplane (Glider) Powered Sailplane (Glider) Fixed powerplant installation	Wake turb. category	Light
		GNSS installed	
		EFIS	
Annex 2 a/c type		Landing gear type	Tricycle Tricycle, fixed
Propulsion type	Reciprocating		
Number of engines	1	Maximum t/o mass	320 kg
Mass group	0-2 250 Kg	Rotorcraft mass group	

### Aircraft operation

Operator	Romania (PRIVAT)	Operation type	Non-Commercial Operations Pleasure Local
Operator type	Private owner		
ICAO information		Flight status (STS)	
Schedule type	Non-scheduled		
Ops range	Domestic		

### Persons on board and medical info

#### Injury status of persons on board

	Fatal	Serious	Minor	None	Unknown	Total
Pilot			1			1
Co-pilot			1			1
Cabin crew						
Other flight crew						
Crew Total			2			2
Passengers						
Other on Aircraft						
Unknown						
Total			2			2

#### Injuries by type

	Fatal injuries	Non-fatal injuries	Unknown
Burns			
Drowning			
Fumes/gases			
Impact			
Shock exposure		2	

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Other reasons  
Unknown

#### History of flight

##### Itinerary

Last departure point	Romania Other (CLINCENI)	Flight phase	En route
		Duration of flight	
Planned destination	Romania Other (CLINCENI)	Occ. on ground	No

##### Approach and landing

Approach stabilized	Approach RVR status
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##### Visual approach

Visual approach type	VASI used
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##### Instrumental approach

Instrument appr type	Precision appr cat
Approach errors	Instr. land. proc.

##### Landing

Type of landing	Forced landing	Automatic landing
Electr landing aids		Landing location

#### Engines

##### Engine information

1 - BOMBARDIER ROTAX

Engine position		Hazard. eng effect
Manufacturer/model	BOMBARDIER ROTAX	Thrust loss
		Nr of birds ingested
Engine cycles		ATA chapter involved

Engine serial number  
Mon sys functioning

Nature of engine inv

##### Overhaul

Time since overhaul  
Cycles since overhaul  
Date overhaul

##### Inspection

Time since inspection  
Cycles since insp  
Date of inspection

##### Manufacturing

Time since new  
Cycles since new

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Date of manufacturing

Supporting evidence

## Investigation

### Investigation information

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		<b>Final Report</b>
Investig report ID		Date published
Investigating entity	AIB	Original language
Investigation scope	Full (Annex 13) type investigation	Other language(s)
Invest. delegated		