

Responsible entity	Romania AAIB	File number	3280/17.04.2010
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Occurrence

Headline

Headline	WING FAILURE
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Occurrence filing information

File number	3280/17.04.2010	Responsible entity	Romania AAIB
Occurrence status	Preliminary		
Occurrence moderator			
Detection phase		Aviation sector	

When

Local date	18-Apr-10	UTC date	18-Apr-10
Local time	5:03 PM	UTC time	3:03 PM

Where

State/area of occ	Europe and North Atlantic Romania	Location of occurrence	CLINCENI
		Latitude of occurrence	
		Longitude of occurrence	

Severity

Highest damage	Minor	Damage not to a/c	None
Injury level	None	Object damaged	
Third party damage			

Classification

Occurrence class	Serious incident		
Occurrence categories	ADRM: Aerodrome		
Risk grade		Applicability SES perf	
Risk confidence			

ATM relation

ATM contribution	None	Effect on ATM service	No effect
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Responsible entity Romania
AAIB

File number 3280/17.04.2010

Narrative

Narrative

Narrative language Romanian

IN TIMPUL RULAJULUI PENTRU EFECTUAREA UNUI ZBOR, PE CALEA DE RULAJ CATRE PISTA 060, BOTUL AVIONULUI A COBORAT BRUSC, IAR PILOTUL A RAPORTAT CA A OBSERVAT CUM SAREAU ASCHII DIN BOTUL AVIONULUI. ACESTA A PROCEDAT LA OPRIREA IMEDIATA MOTORUL SI RESTUL CONTACTELOR AVIONULUI. DUPA CE A COBORAT DIN AVION AM OBSERVAT CA URECHILE DE LA FURCA ROTII DE BOT S-AU RUPT.

Narrative

Narrative

Narrative language English

DURING TAXI FOR RWY 060, THE NOSE OF THE AIRCRAFT WENT DAWN AND PIC REPORTED SEEING SMALL PARTS DETACHING FROM PROPELLER. HE PROCEEDED TO STOP THE ENGINE AND SWITCH OFF AND ALL OTHER CONTACTS.
DURING THE AIRCRAFT CHECK, PIC ALSO REPORTED SEEING THE NOSE GEAR FORK BEING BROKEN.

Weather

General weather conditions

Weather relevant	No	Weather conditions	
Visibility		Light conditions	Daylight

Aircraft

Aircraft identification

Manufacturer/model	OTHER (R40S FESTIVAL(SC AEROSTAR SA))	State of registry	Romania
		Aircraft registration	YR-5012
Year built		Call sign	
Serial number		Flight number	

Aircraft description

Aircraft category	Fixed Wing Aeroplane Small Aeroplane Light Sport Aeroplane	Wake turb. category	Light
Annex 2 a/c type		GNSS installed	
Propulsion type	Reciprocating	EFIS	
Number of engines	1	Landing gear type	Tricycle Tricycle, fixed
Mass group	0-2 250 Kg	Maximum t/o mass	599 kg
		Rotorcraft mass group	

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Aircraft operation

Operator	Unknown (AEROCLUBUL ROMANIEI)	Operation type	Non-Commercial Operations
Operator type	Flying club/school		
ICAO information		Flight status (STS)	
Schedule type			
Ops range			

History of flight

Itinerary

Last departure point		Flight phase	Taxi
		Duration of flight	
Planned destination		Occ. on ground	Yes

Aerodrome

Aerodrome identification

Location indicator	Romania Other (Banesti)	Aerodrome latitude	45:04:00 North
		Aerodrome longitude	25:48:00 East
Aerodrome type	Land		
Aerodrome status	Light a/c aerodrome	Location on aerodrome	
Elevation above MSL			

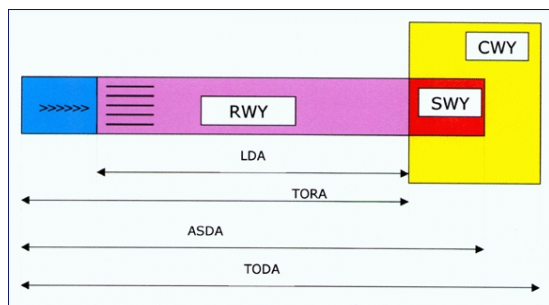
Helicopter landing area description

Landing area type		Surface type	Grass
Area configuration			

Runway

Runway description

Runway identifier		Runway category	
Runway configuration	Single	Runway status	
Runway width	40 m	Runway slope	
Runway length	700 m		
Stopway length			
Clearway length			
TORA			
TODA			
LDA			
ASDA			



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Investigation

Investigation information

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