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|--------------------|-----------------|-------------|-----------------|
| Responsible entity | Romania AAIB | File number | 3877/04.10.2010 |
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Occurrence

Headline

| | |
|----------|----------------|
| Headline | PROPELLER TAIL |
|----------|----------------|

Occurrence filing information

| | | | |
|----------------------|-----------------|--------------------|-----------------|
| File number | 3877/04.10.2010 | Responsible entity | Romania AAIB |
| Occurrence status | Preliminary | | |
| Occurrence moderator | | | |
| Detection phase | | Aviation sector | |

When

| | | | |
|------------|-----------|----------|-----------|
| Local date | 04-Oct-10 | UTC date | 04-Oct-10 |
| Local time | 5:30 AM | UTC time | 8:30 AM |

Where

| | | | |
|-------------------|---|-------------------------|--------------|
| State/area of occ | Europe and North Atlantic Romania | Location of occurrence | MALIUC TUZLA |
| | | Latitude of occurrence | |
| | | Longitude of occurrence | |

Severity

| | | | |
|--------------------|-----------|-------------------|------|
| Highest damage | Destroyed | Damage not to a/c | None |
| Injury level | None | Object damaged | |
| Third party damage | | | |

Classification

| | |
|-----------------------|-----------------------------------|
| Occurrence class | Accident |
| Occurrence categories | LOC-I: Loss of control - inflight |

| | |
|-----------------|------------------------|
| Risk grade | Applicability SES perf |
| Risk confidence | |

ATM relation

| | | | |
|------------------|------|-----------------------|-----------|
| ATM contribution | None | Effect on ATM service | No effect |
|------------------|------|-----------------------|-----------|

Narrative

Narrative

Narrative language Romanian

In faza de decolare, la o inaltime de maximum 0,70-1,00 m fata de sol, elicopterul a avut o miscare brusca, inclinandu-se catre partea stanga -fata, dupa care tot brusc s-a inclinat catre partea dreapta spate.

In momentul inclinarii catre spate, datorita inaltimii foarte mici, rotorul a atins solul dezechilibrand complet aparatul. In consecinta elicopterul s-a rasturnat pe partea dreapta, la scurt timp luand foc. Nu s-au inregistrat raniti sau victime.

Narrative

Narrative

Narrative language English

On the initial phase of take off at 0,70-1,00 m above the ground, the helicopter suddenly started to have uncontrolled movements, banking left and right.

The tail rotor hit the ground, the helicopter turned right, crashed and caught fire.

No injury, no victims were registered.

Aircraft

Aircraft identification

| | | | |
|--------------------|-----------------|-----------------------|---------|
| Manufacturer/model | ROBINSON R44 | State of registry | Romania |
| | | Aircraft registration | YR-ARA |
| Year built | | Call sign | |
| Serial number | | Flight number | |

Aircraft description

| | | | |
|-------------------|--------------------------|-----------------------|---------|
| Aircraft category | Rotorcraft Helicopter | Wake turb. category | Light |
| | | GNSS installed | |
| | | EFIS | |
| Annex 2 a/c type | | Landing gear type | Ski |
| Propulsion type | Reciprocating | | |
| Number of engines | 1 | Maximum t/o mass | 1090 kg |
| Mass group | 0-2 250 Kg | Rotorcraft mass group | |

| | | | |
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Aircraft operation

| | | | |
|------------------|---------------------------|---------------------|---|
| Operator | Unknown (SC AEROTAXI SRL) | Operation type | Commercial Air Transport Passenger Air Taxi |
| Operator type | Private owner | | |
| ICAO information | | Flight status (STS) | |
| Schedule type | | | |
| Ops range | | | |

History of flight

Itinerary

| | | | |
|----------------------|---|--------------------|----------|
| Last departure point | Other (MALIUC TUZLA) | Flight phase | Take-off |
| | | Duration of flight | |
| Planned destination | Romania LRBS (BBU): Bucuresti/Baneasa | Occ. on ground | |

Investigation

Investigation information

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