

## Helicopter Accident/Incident Supplemental Checklist

[The information that follows was reported by Tonya Neumayer, Operations Coordinator, Haverfield Aviation, Inc. to support stated accident reduction goals by the International Helicopter Safety Team]

### Company information

- Number of aircraft 24
- Models flown MD500 D&E
- Types of missions flown Utility
- Number of locations served United States & Canada
- General terrain conditions for operations All Terrain
- Characteristic weather for operations VFR
- Number of pilots that perform the same mission as the accident flight 32

1. Formal **risk management program** that the company had in place, if any: SMS
  
2. Method by which **risks** associated with the accident flight were evaluated by the:  
Company? Pre-job Risk Assessment  
Pilot? Pre-flight and Safety Tailboard
  
3. Did the company have a (circle YES or NO)  
Non-punitive safety/incident reporting or monitoring system YES  
Designated safety officer with direct access to senior management YES
  
4. Company's procedure, if any, for pilots to make a **go/no-go decision**: Daily Tail-Board and Stop Work Policy.
  
5. Was this procedure clearly defined and enforced by the company? YES
  
6. Company **standard operating procedures (SOP)** regarding the mission/circumstances of the accident.: Defined in our Company Manual, the SOP covers our Patrol Policy
  
7. Method of enforcement of **SOP's** by management? Verbal Warning and Written Warning.
  
8. Communications, if any, between the pilot and the company regarding the flight (before the accident)? : There was a written Job Package sent to the crew prior to the job starting.

9. **Operational oversight** in place for this flight? : **Daily Performance and Safety Metrics**

10. Was this flight **local** or **remote**? **Remote**

11. Company hiring criteria for pilots?

A. **Current FAA Commercial Rotorcraft/ Helicopter Certificate**

B. **Current FAA Class II Medical**

C. **1,500 Hours Flight Time**

12. Flight Experience: Other than the required pilot time matrix in the eADMS report, how many flight hours had the pilot accrued in the following?

• Piston and/or turbine rotorcraft **1,600 Hours**

• With this company **25 Hours**

• On this mission type **25 Hours**

13. **Training**, if any, did the pilot receive in the following areas.

• Risk assessment and risk management

**5 Hours Ground**

• Weather evaluation and inadvertent encounters with adverse weather

**1 Hour Ground**

• Formal aeronautical decision making (ADM)

**1 Hour Ground and AvStar Media Training**

• Transition to make and model

**3.7 Hours Flight & 51.4 Hours Ground**

• Mission specific training (for accident flight mission)

**2.1 Hours Flight & 27 Hours Ground**

• Crew resource management

**2.0 Hours Flight & Ground**

• Terrain and hazard environment

**2.1 Hours Flight & 27 Hours Ground**

14. Was the pilot in training at the time of the accident? NO
15. If yes, what type of training? N/A
16. **Other helicopter models the pilot flew** AS-350, B-206, R-22, R-44, CB-300
17. **Previous history** of accidents, violations, or difficulty with the mission of accident maneuver. NO
18. **Safety equipment:** Check if the aircraft was equipped with the following equipment:
- Recording devices: If so what type: \_\_\_\_\_
  - Proximity detection systems (i.e. Terrain Awareness Warning Systems)
  - Night Vision Imaging Systems
  - Wire strike protection system
  - Crashworthy fuel system
  - Helmets
  - Fire retardant clothing/gloves
    - Aircraft floats (over water)
    - Personal flotation devices/life rafts/external life rafts
    - Sonic locator (offshore)
  - Emergency Locator Transmitter (ELT) (121.5 or 406)
19. **Preflight Planning** (if relevant) performed for the accident flight. YES
20. **Weather information** available to the pilot prior to departure. YES