

2003: A300F Baghdad



2003: A300F Baghdad (con'd)

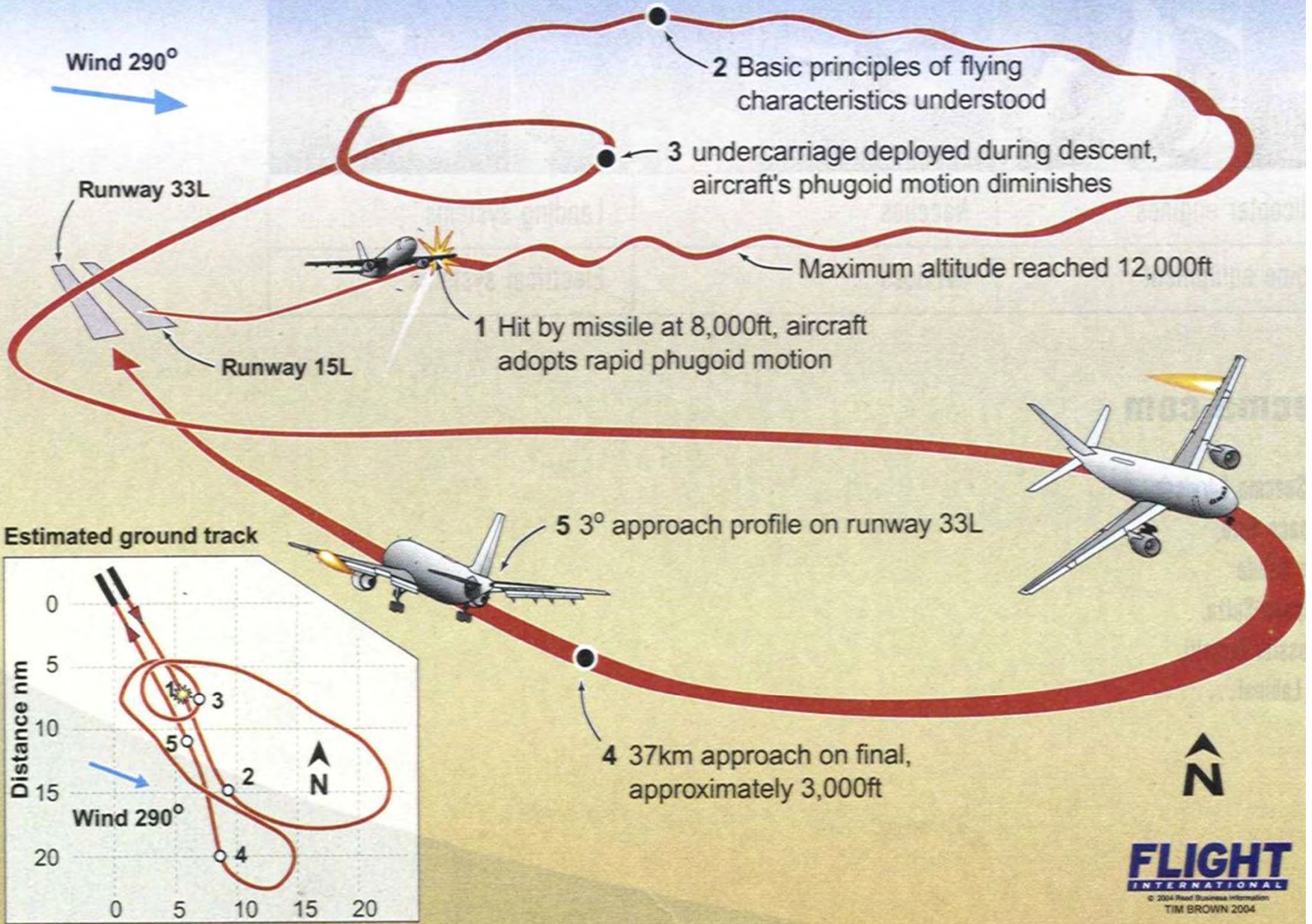
■ General context

- Cargo flight
- Taking-off from Baghdad

■ Flying context

- 8000 ft
- Touched by a SAM missile on the left wing leading edge
- The 3 hydraulic systems got empty
- The aircraft lost all its primary flight controls (with **NO** manual reversion)
- Aircraft's pitch is frozen at the trim position for 215 kt with climb thrust set, flaps and slats unavailable

FLIGHT TRAJECTORY OF EAT/DHL AIRBUS A300F



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■ Analysis

- **First** thought was:
 - ➔ No way to control the airplane
- Captain
 - ➔ **Remember a training course** by Captain Haynes (Sioux City DC10)
 - ➔ Start to manipulate the only remaining control input: the **throttles**
- Landing gear is manually extended
- Approach
 - ➔ Precarious but relatively stable and long (20 Nm) straight-in (no slats nor flaps) for RWY 33R
 - ➔ Because wind and turbulences
 - ✗ Drift towards RWY 33L
 - ✗ Land but then ran off the left side of the RWY

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■ Consequences

- 3 crew members can evacuate the A300
- Aircraft is deeply damaged:
 - On the left wing
 - During rolling after landing due barbed wires, fences, and dirt
 - On the engine due to the sand and other debris
- DHL officials said the aircraft will eventually be repaired

■ Conclusion

- This accident demonstrates the **need** for operational feedback...
- And flight safety **training** programs



