Abstract:

A second stage stator blade and three sixth stage rotor blades were recovered from the wreckage of an aircraft accident. The stator blade had a nick and this damage was due to rubbing action of another object. Soot had deposited on the rotor blades but not in the regions where the blades were overlapping. This indicates that the deposition of soot should have occurred after the blades got bent, i.e. after the accident.