

# Aviation Safety Bulletin

ASB No: 91-033/M

OCTOBER, 2002

SUBJECT :

ATR-72 #2 ENGINE IN FLIGHT SHUTDOWN AND AIR TURN BACK BACK

GROUND :

1. On SEP. 4TH, 2002, an ATR-72 aircraft encountered an in flight shut down during T/O phase.
2. The affected engine was dismantled and shipped for repair afterward. It was found that the misplaced fuel nozzle had caused turbine blade partial damage and in flight shut down subsequently.

RECOMMENDATION :

1. The operator should design proper job cards to comply with the standard procedure and continuing airworthiness requirements, with a view toward preventing human error and working mistake from happening.
2. The maintenance action should be performed by well-trained mechanics and ensure that they completely understand standard working procedures.
3. Quality control inspectors should adhere to regulations of required inspection items (RII) procedure to sign off after major maintenance actions taken.
4. The said case be included in the standard training material of the operator for the education of the concerned mechanics.
5. For the purpose of status and incident investigation, the operator should inform aircraft & engine manufacturers aiming at requesting corrective actions in the regard

of designing improvement and the prevention of human errors.