

AIRLINE OPERATION - 1

1. AIRCRAFT :
Type : Dornier -228-201
Registration : VT-EJW
2. DATE AND TIME : 30-7-98, at 11:05 Hrs.
3. LOCATION : Kochi Aerodrome
4. TYPE OF OPERATION : Scheduled Flight
5. PERSONS ON BOARD : Crew : 3 ; Passengers : 3
6. INJURY INDEX :

	Fatal	Serious	Minor/None
Crew	3	Nil	Nil
PAX	3	Nil	Nil
Others	3	Nil	6
7. DAMAGE TO AIRCRAFT : Destroyed
8. PILOT-IN-COMMAND :

Licence	:	ALTP-1979
Age	:	53 years approx.
Total Hrs.	:	5440:10 Hrs.

SUMMARY

Indian Airlines DO-228 aircraft VT-EJW was involved in an accident at Kochi Aerodrome on 30-7-98. The aircraft was scheduled to operate from Kochi to Thiruvananthapuram. Aircraft took off from runway 17 of Kochi Aerodrome. After attaining a height of about 400 ft. it was seen pitching up steeply to a near vertical attitude and thereafter appeared to perform a manoeuvre similar to a stall turn to the right and crashed on the roof top of the Component Repair Shop (CRS) building of the Naval Aircraft Yard, Kochi. After the impact the aircraft caught fire and was completely destroyed. All persons on board received fatal injuries. Three persons working in CRS also received fatal and six other persons received minor injuries.

The probable cause of accident is :

"After take off the aircraft pitched up uncontrollably, stalled fell to its right and crashed. The uncontrollable pitch up was caused by sudden uncommanded downward movement of the Trimmable Horizontal Stabilizer leading edge. This was due to partial detachment of its 'actuator forward bearing support' fitting due non installation of required hi-lok fasteners.

Poor aircraft maintenance practices at Short Haul Operations Department contributed to the accident."

Factor : Other Personnel - Improper Maintenance.