



MINISTRY OF DEFENCE

Military Aircraft Accident Summary

Aircraft:	Hawk TMK1A XX297
Date of accident:	3 November 1986
Parent Airfield:	RAF Scampton
Place of accident:	RAF Scampton
Crew:	One Pilot
Casualties:	1 Slight

Circumstances

1. On 3 November 1986 a pair of Red Arrows aircraft carried out a "Synchro Pair" practice at RAF Scampton when, in close line astern and climbing vertically, the No 2 aircraft hit the leader's jetwash/slipstream and the engine surged and cut out. The pilot recovered to aircraft to gliding flight at 3,000 ft above ground level and tried to clear the engine surge but, despite several attempts, it failed to relight. Because the airbrake had been inadvertently selected out, the aircraft descended more quickly than expected and the pilot had insufficient height to complete a forced landing and he was forced to eject just short of the runway. He was uninjured apart from some minor splatter burns from the miniature detonating cord used to shatter the canopy.

Cause

2. The investigation was unable to identify a technical reason for the pilot's inability to relight then engine and it was considered that due to the high stress situation the full relight drills had not been applied.

Subsequent Actions

3. Research has been instigated into miniature detonating cord charge levels and the guarded airbrake switch has been fitted to all Red Arrows aircraft. Simulated "forced landing" drills will be practised more frequently.

Claims

4. One claim in respect of crop damage has been settled at £530.