

4. When the pilot selected nozzles on the take-off run, instead of obtaining 0° deflection, he achieved approximately 90° deflection. The engine thrust alone was insufficient to support XW923 at its take-off weight without increased wing lift but, with no horizontal component of thrust, the aircraft would not accelerate further. It would have been possible to recover from the situation had the pilot appreciated the nozzles were at the wrong angle, selected them further aft and accelerated to increase wing lift; although the aircraft might have sunk back onto the runway momentarily, its speed would have increased rapidly enough to fly clear before the end of the runway. The cause of the accident was the pilot's failure to select the correct nozzle angle and subsequently to recognise and correct his mistake.

SUBSEQUENT ACTIONS

5. A revised sequence of pre-take off checks has been issued for the Harrier in order to further minimise the possibility of vital pre-take-off checks being omitted. Consideration is being given to the provision of additional advice on take-offs at high temperature and all up weight and stagnation in ground effect.

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Ministry of Defence
Main Building
Whitehall
London SW1A 2HB
01-218 3253/4