

Avro RJ85, OO-DJS

AAIB Bulletin No: 3/2004	Ref: EW/G2003/09/31	Category: 1.1
INCIDENT		
Aircraft Type and Registration:	Avro RJ85, OO-DJS	
No & Type of Engines:	4 Lycoming LF507-1F turbofan engines	
Year of Manufacture:	1996	
Date & Time (UTC):	27 September 2003 at 0845 hrs	
Location:	Stand 53, Manchester Airport, Manchester	
Type of Flight:	Public Transport (Passenger)	
Persons on Board:	Crew - 4	Passengers - Not known
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Damage to No 1 engine cowl	
Commander's Licence:	Airline Transport Pilot's Licence	
Commander's Age:	48 years	
Commander's Flying Experience:	6,780 hours (of which 2,259 were on type)	
	Last 90 days - 145 hours	
	Last 28 days - 58 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot and enquiries by the AAIB	

After a normal flight, the commander, in the left cockpit seat, taxied the aircraft slowly to the allocated Stand 53. As he manoeuvred to approach the stand, he reduced the ground speed to allow a vehicle to clear the area. The position of the sun was such that he found it difficult to follow the lateral guidance system. Nevertheless, the commander slowly followed the guidance system while looking to the left for the expected 'mirror' to show the stopping position. Unfortunately, at a late stage, the crew realised that the stand had a parallax guidance system located to the right and, by then, the aircraft had moved too far forward. The resulting impact of the No 1 engine with the 'Jetty' was soft and not detected in the cabin.

The commander was familiar with the airport and the area in which the stand was located. The airport charts also accurately indicated that Stand 53 was equipped with a parallax guidance system.