

Exhibitor No: 311593

FOR IN FLIGHT:  OR STATIC:  DISPLAY

Show No 28

Attention: Requested information will be used by the official Airshow speakers

As well as providing information for the press office, this document will be used as a basis for the official commentaries. Exhibitors should therefore indicate the technical data and commercial information requested, as well as any other information they would like to transmit to the public during the flight program.

<b>MANUFACTURER:</b>	AIRBUS INDUSTRIES		
<b>AIRCRAFT TYPE AND NAME:</b>	A380		
<b>CATEGORY:</b>	Long range high density airliner		
<b>COUNTRY:</b>	European consortium		
<b>FIRST FLIGHT:</b>	<b>DISPLAY CREW:</b>		
<b>Date:</b> 27/04/2005 <b>Location:</b> Toulouse-Blagnac	1 Jacques Rosay		2 Jacques Rosay
<b>Crew:</b> Claude Lelaie - Jacques Rosay - Gérard Desbois	Jean-Michel Roy		Guy Magrin
<b>ENGINE(S):</b>			
<b>Number:</b>	4	<b>Type:</b>	GP 7270 (GE/P&W) Trent 970 (Rolls-Royce)
<b>Manufacturer:</b>	Engine Alliance ou Rolls-Royce		
<b>Take off rating (Dry):</b>	68 000 lb	<b>With reheat:</b>	
<b>Propeller(s):</b>			
<b>TECHNICAL DATA:</b>	<b>COMMERCIAL INFORMATION:</b>		
<b>Empty weight:</b>	595 248 lb	<b>Prototypes (or pre-prod):</b>	2
<b>Max take off weight:</b>	1 234 589 lb	<b>Firm orders:</b>	206
<b>Max cruise speed:</b>	261 kts	<b>Options:</b>	
<b>Max operating speed:</b>	340 kts	<b>Deliveries:</b>	15
<b>Stall speed:</b>		<b>Production rate:</b>	
<b>Max endurance:</b>		<b>Number of clients:</b>	
<b>Max range:</b>	8 000 NM	<b>Contact during the show:</b>	
<b>ACCOMODATION:</b>	<b>WEAPONS</b>		
<b>Accomodation:</b>			
Flight deck for two			
- Upper deck : 96 business + 103 tourist			
- Lower deck : 22 first + 234 tourist			
<b>Max payload:</b>	200 588 lb		
<b>MISCELLANEOUS:</b>			
<p>The Airbus A380 is a long-distance airliner built by Airbus Industries and assembled in Toulouse. The constraints of size of A380 were fixed by Airbus Industry in partnership with the main airlines, the official services and about sixty international airports representatives. In order to be able to use the installations of existing airports, the A380 had to remain within a 80 meter square ; dimensions could not excess 80 m length and 80 m wingspan, These maximum size was to give the A380 the ability to use most of the existing international airports without having to modify the parkings and the taxiways. Finally, the A380 is 73 m long, 79,80 m wingspan and 24,10 m height.</p> <p>- The air intake of each of the four engines measures nearly 3,20 m (2,94 m for the Rolls-Royce Trent 900 and 3,16 m for the GP7270), which is similar to the A320 fuselage diameter (3,96 m). By comparison, the power of only one of these engines is equivalent to that of 1.500 cars. This give the A380 the power to fly up to 900 km/h in spite of its imposing size.</p> <p>- The basic configuration will accomodate 555 passengers in three class : 22 passengers in first class and 334 in economic class on the lower deck. The upper deck will seat 96 passengers in business class and 103 in economy class.</p> <p>- A380 exists in two versions: A380-800 to seat from 555 to 845 passengers according to the configuration, and the A380-F (for Freight) in cargo liner version, able to carry up to 150 tons of freight.</p> <p>- Airbus Industries received 206 firm orders and 35 options for its A380.</p>			