



JIG Aircraft Fuelling Data Sheets

Aircraft Fuelling Data Sheets provide a wealth of important information on the fuelling requirements for the main civil aircraft and helicopters currently in operation. They contain details about fuel tank capacities, fuelling rates and the aircraft fuelling control panel. They also show the location of fuelling points (including heights and clearances), bonding lugs and tank vents.

Air BP has recently revised and updated its entire suite of Aircraft Fuelling Data Sheets and is now making them available through JIG to the wider industry. An example of a data sheet is shown on page 2 of this bulletin.

Folders bearing the JIG logo have now been produced and the first round of orders will be dispatched shortly. Further copies are available for purchase on line from the distributor TFS (The Fulfilment Store) at

<https://ww3.access-24.co.uk/stock.aspx?Public=PublicAP>

or, datasheets@tfstore.co.uk. A link to the TFS website will also be available shortly from the home page of the JIG website (www.jointinspectiongroup.org).

In due course, additional or revised Data Sheets will be developed. Each time a new data sheet is issued, a revised contents page will also be prepared to facilitate document control. TFS will be in contact with everyone who has purchased Data Sheets to advise them when new sheets are available.

The Aircraft Fuelling Data Sheets can be despatched in bulk to your head office, as smaller batches to be sent to regional offices, or mailed directly to airport fuelling locations.

This document is intended for the guidance of Members of the Joint Inspection Group (JIG) and companies affiliated with Members of JIG, and does not preclude the use of any other operating procedures, equipment or inspection procedures. Neither JIG, its Members, the companies affiliated with its Members nor the International Air Transport Association (IATA) accepts responsibility for the adoption of this document or compliance with this document. Any party using this document in any way shall do so at its own risk.

Bulletin No. 38

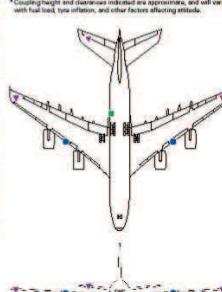
January 2011

Example Data Sheet for Airbus A380

Airbus A380

Description	The Airbus A380 series airliners are medium to long haul transports and have accommodation for 555 passengers. The aircraft is powered by four engines provided by RR Trent 900 series or GE/FW Alliance P7000 series turbines. These aircraft are the largest aircraft in commercial service.																																																
They do, however, have a similar fuel system and Integral Refuel Panel to the Airbus A340-500 and -600 Data Sheets No. 103.																																																	
The A380-800 is the standard model without a centre fuel tank.																																																	
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: center;">A380-800</th> <th style="text-align: center;">A380-900</th> </tr> </thead> <tbody> <tr> <td>Tank</td> <td style="text-align: center;">Litres</td> <td style="text-align: center;">US Gal</td> </tr> <tr> <td>Left Outer</td> <td style="text-align: center;">10,340</td> <td style="text-align: center;">2,732</td> </tr> <tr> <td>Feed 1</td> <td style="text-align: center;">27,632</td> <td style="text-align: center;">7,380</td> </tr> <tr> <td>Left Mid</td> <td style="text-align: center;">36,461</td> <td style="text-align: center;">9,633</td> </tr> <tr> <td>Left Inner</td> <td style="text-align: center;">46,142</td> <td style="text-align: center;">12,101</td> </tr> <tr> <td>Feed 2</td> <td style="text-align: center;">29,349</td> <td style="text-align: center;">7,754</td> </tr> <tr> <td>Centre</td> <td style="text-align: center;">-</td> <td style="text-align: center;">41,700</td> </tr> <tr> <td>Feed 3</td> <td style="text-align: center;">29,349</td> <td style="text-align: center;">7,754</td> </tr> <tr> <td>Right Inner</td> <td style="text-align: center;">46,142</td> <td style="text-align: center;">12,101</td> </tr> <tr> <td>Right Mid</td> <td style="text-align: center;">36,461</td> <td style="text-align: center;">9,633</td> </tr> <tr> <td>Feed 4</td> <td style="text-align: center;">27,632</td> <td style="text-align: center;">7,380</td> </tr> <tr> <td>Right Outer</td> <td style="text-align: center;">10,340</td> <td style="text-align: center;">2,732</td> </tr> <tr> <td>Trim</td> <td style="text-align: center;">23,698</td> <td style="text-align: center;">6,261</td> </tr> <tr> <td>Total</td> <td style="text-align: center;">323,546</td> <td style="text-align: center;">85,470</td> </tr> <tr> <td></td> <td style="text-align: center;">365,248</td> <td style="text-align: center;">96,495</td> </tr> </tbody> </table>			A380-800	A380-900	Tank	Litres	US Gal	Left Outer	10,340	2,732	Feed 1	27,632	7,380	Left Mid	36,461	9,633	Left Inner	46,142	12,101	Feed 2	29,349	7,754	Centre	-	41,700	Feed 3	29,349	7,754	Right Inner	46,142	12,101	Right Mid	36,461	9,633	Feed 4	27,632	7,380	Right Outer	10,340	2,732	Trim	23,698	6,261	Total	323,546	85,470		365,248	96,495
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* Coupling height and distances indicated are approximate, and will vary with fuel load, type of fuel, and other factors affecting attitude.



All operations must be carried out in accordance with JIG Regulations.
Note: Fueling instructions may alter from time to time, due to aircraft modifications or changes in operational procedures. If there is any doubt, advice should be requested from the airline representative.
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Aircraft Fuelling Data Sheet Number: 104

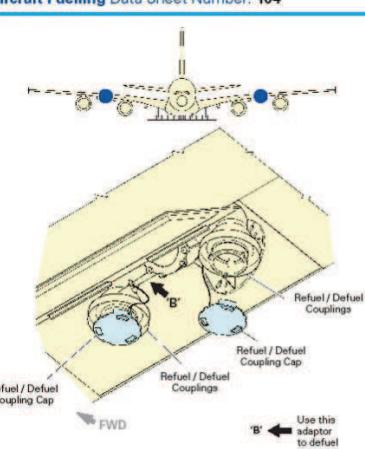
Airbus A380



Airbus A380

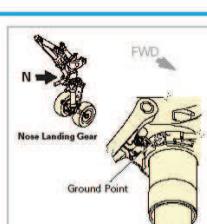
Aircraft Fuelling Data Sheet Number: 104

Location of fuelling adaptors



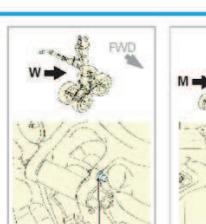
Location of fuelling adaptors

Location of Nose Landing Gear Bonding Point (N)



Nose Landing Gear
Ground Point

Location of Wing Main Landing Gear Bonding Points (W)



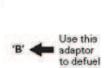
W → FWD
Ground Point

Location of Body Main Landing Gear Bonding Points (M)



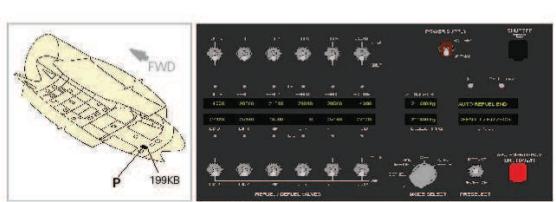
M → FWD
Ground Points (right one shown, left one similar)

Use this adaptor to defuel



Use this adaptor to defuel

Integrated Refuel Panel (P)



P 199KB

■ Pressure Refuel Coupling
■ Tank Vent
■ Refuel Control Panel
■ Coupling Height Low State

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