

# Information sheet 1

Cardington Hangars

## Vital Statistics

- 812 feet (247m) long by 275 feet (83m) wide and 180 feet (55m) high
- Floor area of 5 acres (2.02 hectares), or 223,300 square feet
- Total volume 26,000,000 cubic feet (760,000 cubic metres)
- Total area of steel sheeting 12 1/2 acres (5 hectares)
- Total weight of framework 3,720 tons
- Total weight of paint 4 tons
- Raised by 35 feet (10.7m) and extended by 56 feet (17m) when re-erected at Cardington after being moved from Pulham in 1928-29

## Doors

- Each door weighs 470 tons, (222 tons of steel and 248 tons of concrete ballast)
- 33 tons is carried on each wheel - as much as 60 tons in very high winds
- Electric motors take 15 minutes to close the doors

The floor area of the hangar (223,300 square feet) is equal to

- Twice the size of Wembley football pitch
- The area of 16 Olympic size swimming pools

The volume of the hangar (26,000,000 cubic feet) is equal to

- 8,338 London double decker busses

## Or another way

- The world war II aircraft carrier Ark Royal which sunk in 1941 off Gibraltar was 800 feet long by 95 feet beam (wide). This would have fitted inside the main hall of the hangar which is 812 feet long by 180 feet wide
- Nelson's column in Trafalgar square, 170 feet high, could easily stand inside the hangar

