



## NASA Space Shuttle Manual: An Insight into the Design, Construction and Operation of the NASA Space Shuttle

By David Baker

Haynes Publishing Group. Hardback. Book Condition: new. BRAND NEW, NASA Space Shuttle Manual: An Insight into the Design, Construction and Operation of the NASA Space Shuttle, David Baker, Designed between 1969 and 1972 and first flown into space in 1981, the NASA Shuttle will have flown almost 140 missions by the time it is retired in 2010. David Baker describes the origin of the reusable launch vehicle concept during the 1960s, its evolution into a viable flying machine in the early 1970s, and its subsequent design, engineering, construction and operation. The Shuttle's internal layout and systems are explained, including the operation of life support, electrical power production, cooling, propulsion, flight control, communications, landing and avionics systems.



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The Space Shuttle was a partially reusable low Earth orbital spacecraft system operated from 1981 to 2011 by the National Aeronautics and Space Administration (NASA) as part of the Space Shuttle program. Its official program name was Space Transportation System (STS), taken from a 1969 plan for a system of reusable spacecraft where it was the only item funded for development. The first of four orbital test flights occurred in 1981, leading to operational flights beginning in 1982. Five complete Space A fascinating insight into the design, construction and operation of the NASA Space Shuttle. Expert author who has worked on the Apollo and Shuttle space programmes. Fully illustrated with NASA photographs and drawings. Publication will be at the closure of the Space Shuttle story as the final flight is expected in late 2010. Categories: Technique\Transportation: Aviation.