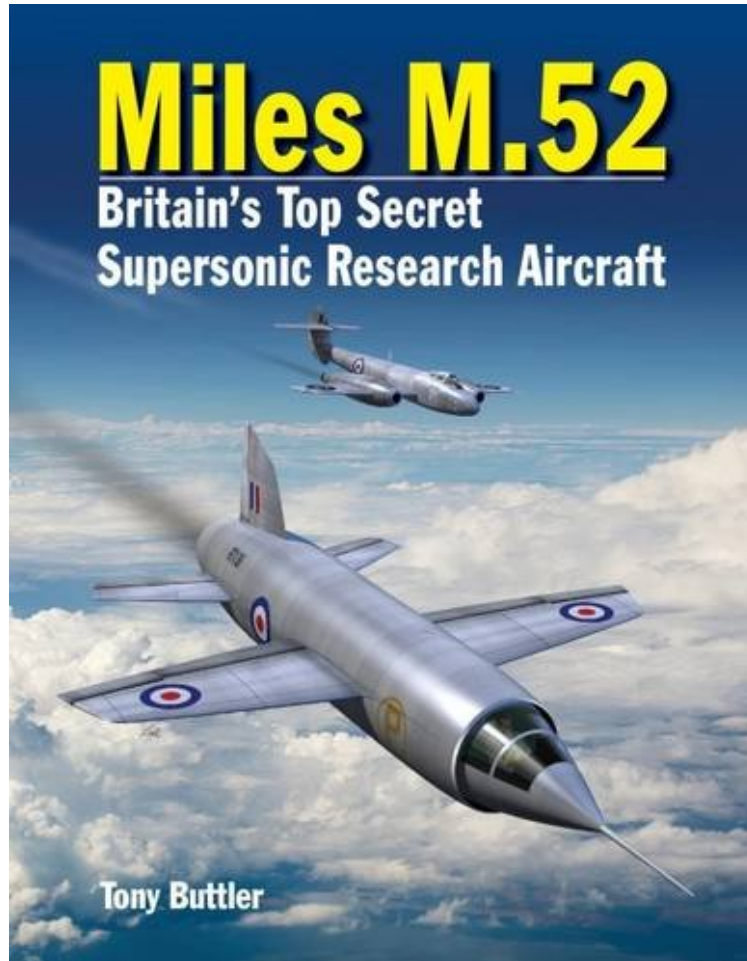


(Free pdf) Miles M.52: Britain's Top Secret Supersonic Research Aircraft

Miles M.52: Britain's Top Secret Supersonic Research Aircraft

Tony Buttler

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Tony Buttler : Miles M.52: Britain's Top Secret Supersonic Research Aircraft before purchasing it in order to gauge whether or not it would be worth my time, and all praised Miles M.52: Britain's Top Secret Supersonic Research Aircraft:

1 of 1 people found the following review helpful. Buy this book! By JCAL Yet another typical effort by Mr. Buttler which is to say superb. The bibliography does seem a little sparse. I can only assume what it lacked in breadth in made up for in depth, the overall tone of the books feels and reads like it was very highly researched. All the information is presented in the typical style of Mr. Buttler which I find very readable. One area that still remains controversial is the M.52 data versus the Bell X-1. Mr. Buttler appears to be somewhat at odds with Captain Eric Brown on that issue. I suggest if your interests run deep enough to buy this book you also buy the recent book by Captain Brown for a differing opinion: https://www..com/Miles-M-52-Gateway-Supersonic-Flight/dp/0752470140/ref=sr_1_2?s=booksie=UTF8qid=1479518922sr=1-2keywords=miles+m.52Both volumes

along with the series on Miles by Peter Amos published by the Air Britain Society will fully round out any collection on this aircraft and her manufacturer. 1 of 1 people found the following review helpful. Well Written and Worth the Price! By Zane R. Nobbs An excellent documentation of the Miles M.52 supersonic research aircraft. The book explores Britain's overall program to reach and exceed Mach 1 and how this led to the selection of the Miles Company for such an aircraft. Initiated and pursued almost to completion, the program was cancelled after learning that the Germans were also pursuing such a program, but with swept wings. As Great Britain withdrew from the program, America continued on with its straight-winged Bell X-1 to break the sound barrier via rocket engine. Britain would have done so with a jet engine. Later a scaled down version, unmanned, of the Miles M.52 proved that the concept was sound and Britain could have done it, but of course it was too late by then. 1 of 1 people found the following review helpful. Nice chapter on its development and its possible affect on ... By P. McDowell Everything you could possibly want to know about this obscure experimental aircraft. Nice chapter on its development and its possible affect on the Bell X-1 project, Great photos along with Tony Butler's always enlightening text - I recommend this book for those interested in X craft as well as the early history of jet / rocket powered aircraft.

As early as 1943 it became apparent that supersonic flight might be an achievable goal, but not for the propeller-driven aircraft of the day. Spurred on by secret intelligence of a German supersonic long-range bomber project, work began on a British secret research aircraft that would potentially be the first manned aircraft to break through the sound barrier. Although Miles Aircraft were best known for producing light aircraft and basic trainers, their design team quickly rose to the challenge with a range of ground breaking innovations in airframe design and construction, flying controls, advanced materials and pilot escape systems. The jet engine, designed by Frank Whittle, was also revolutionary, including an early form of 're-heat' technology. By 1946 the project was about 90% complete with major technology and design features having been flight-tested on test-bed aircraft. Furthermore, on Government orders American personnel had been given complete access to the project, well before the Bell X-1 flew. What happened next has been mired in controversy, conspiracy theories and rumors to this day. Exhaustively researched and illustrated through-out with rare and previously unpublished photographs, drawings and technical data, Miles M.52 finally tells the definitive factual story of the Miles M.52 project, gives an objective account of the controversy that grew around the aircraft, and describes the M.52's legacy to Britain's later supersonic aircraft.

"A quality book at a very reasonable price." (Mike Machat Air Classics 2017-01-18) "A compelling and readable storyline. Impressive." (Frank Landrus IPMS/USA 2017-02-24) About the Author Tony Buttler was born in England. He joined High Duty Alloys in 1974 as a metallurgist and for nearly 20 years was involved in the testing of aluminum and titanium airframe and engine components for all of the world's major aircraft. It was during this period that his great interest in aviation began to blossom. After leaving HDA, Buttler earned his Masters Degree in Archives and Library Studies at Loughborough University, and became a freelance aviation historian specializing in the design and development of military aircraft.