



# The History of the County Palatine and City of Chester Compiled from Original Evidences in Public Offices, the Harleian and Cottonian Mss., Parochial Registers, Private Muniments, Unpublished Ms. Collections of Successive Cheshire

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 38 pages. Original publisher: Cleveland, Ohio : National Aeronautics and Space Administration, Glenn Research Center ; Hanover, MD : Available from NASA Center for Aerospace Information ; Springfield, VA : National Technical Information Service distributor, 2003 OCLC Number: (OCoLC)56837350 Excerpt: . . . HIGH TEMPERATURE TESTING SET-UP FOR SHTB With regards to SHTB testing at elevated temperatures, very little previous work exists in the literature ( see for example the work by Rosenberg et al. , 1986 ). In the present investigation, in order to conduct the elevated temperature tests the ends of the incident and transmitted bars were replaced with impedance matched precipitation hardened Inconel 718 inserts ( see Figure 9 ). The Inconel 718 inserts allow extension of the threaded specimen grips to high temperatures and impedance matching helps to avoid wave dispersion that may occur as a result of a change in mechanical impedance at the 4340 steel and Inconel 718 interface. The specimens were heated using induction heating technique by using a water cooled Httinger TIG 10 100 RF generator. This generator uses 3-phase 230-V power line and delivers a maximum power of 10...



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