



## The Official Records of Robert Dinwiddie, Lieutenant-Governor of the Colony of Virginia, 1751-1758 Volume 2

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 28 pages. Original publisher: Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, 2009 OCLC Number: (OCoLC)654132386 Excerpt: . . . 2. 7 AEROSHELL AXIS SYSTEM The Aeroshell Axis System, shown in Figure 9, is defined by: X-axis: orthogonal to the Aeroshell centerline, in the plane of the AES aft leg, positive towards the A Airplane nose Y-axis: completes a right hand system A Z-axis: on the Aeroshell centerline, positive towards heat shield tip A The axis Origin is located at: X is on the Aeroshell centerline A0 Y is on the Aeroshell centerline A0 Z is on the top surface of the Backshell Interface Plate ( BIP ) A0 Figure 9. Aeroshell Axis System Figure 10. Aeroshell Axis Relative to Airplane Design Axis The Aeroshell Axis Origin Location Relative to Airplane Design Axis origin ( Figure 10 ) is given by: Translation: Rotation: Fuselage Station ( x ) 1219. 20 mm Yaw ( ) 180 Butt Line ( y ) 0 mm Pitch ( ) 0 Water Line ( z ) 816. 9046 mm Roll ( ) 0 Mars Aerial Regional-scale Environmental Survey ( ARES...

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