

# **AERODYNAMIC HEATING AND OTHER PARAMETERS AFFECTING SPACE VEHICLE OPERATIONS: AN ANNOTATED BIBLIOGRAPHY, By Charles G. Gros**

**By Charles G. Gros**

**Hypersonic speed - Wikipedia, the free -**

Hypersonic designs are often forced into blunt configurations because of the aerodynamic heating rising with a reduced radius of require other similarity parameters.

[http://en.wikipedia.org/wiki/Hypersonic\\_speed](http://en.wikipedia.org/wiki/Hypersonic_speed)

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SPACE VEHICLE DIRECTORATE electric fields, currents and Joule heating rates constitute the key parameters of this Other issues to be considered for space use

<http://www.acq.osd.mil/osbp/sbir/solicitations/sbir20021/af021.doc>

**Director, Office of Rulemaking -**

Jul 28, 2015 Contributions from Corporations and Other Organizations to operations became management program affecting all Postal Service

<http://www.gpo.gov/fdsys/pkg/FR-2015-07-29/xml/FR-2015-07-29.xml>

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<http://www.cambridge.org/asia/catalogue/catalogue.asp?isbn=9781107019706&ss=ind>

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<http://www.gpo.gov/fdsys/pkg/CFR-2007-title14-vol4/xml/CFR-2007-title14-vol4-chapIII.xml>

### **Transient temperatures in laminated composite -**

Transient temperatures in laminated composite conical shells due to aerodynamic heating: Transient temperatures in laminated composite and the other edge was

<http://adsabs.harvard.edu/abs/1978STIN...7818360R>

### **Air University (2009) Space Primer - Scribd - Read -**

Space History; Early Developments in Rocketry; Rocket Development after World War II; Satellite Programs; Current Space Initiatives; Where We Have Been and Where We

<https://www.scribd.com/doc/127703206/Air-University-2009-Space-Primer>

### **Aerodynamic heating in the region of shock and -**

Aerodynamic heating in the region of shock and turbulent boundary layer interaction induced by a and other characteristic parameters of the interaction

<http://adsabs.harvard.edu/abs/1992AcMSn...8..224G>

### **CONTROL-ORIENTED MODELING AND ANALYSIS OF -**

by setting a number of body, wings and other parameters. 2.3 Aerodynamic Heating Effect When vehicle flights in high altitude with high Mach,

[http://www.icas.org/ICAS\\_ARCHIVE/ICAS2012/PAPERS/169.PDF](http://www.icas.org/ICAS_ARCHIVE/ICAS2012/PAPERS/169.PDF)

### **Theoretical and experimental investigation of -**

Theoretical and experimental investigation of aerodynamic-heating and isothermal heat-transfer parameters on a hemispherical nose with Find it at other

<http://searchworks.stanford.edu/view/9119681>

### **Aerodynamic heating | Article about aerodynamic -**

Find out information about aerodynamic heating. The heating of a body produced by passage of air or other gases over its surface; aerodynamic heating; aerodynamic

<http://encyclopedia2.thefreedictionary.com/Aerodynamic+heating>

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**The effects of aerodynamic heating and - UNT -**

The effects of aerodynamic heating and heat transfer on the surface temperature of a body of revolution in steady supersonic flight

<http://digital.library.unt.edu/ark:/67531/metadc60227/>

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**Moving of a blunt body through the dense -**

bow shock layer of blunt body moving through the d under conditions of severe aerodynamic heating and the other parameters such

<http://www.sciencedirect.com/science/article/pii/0094576580901162>

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**Experimental study on mechanical behaviors of -**

under transient aerodynamic heating Abstract Determination of mechanical parameters deformation and other parameters can be

<http://link.springer.com/content/pdf/10.1007%2Fs10999-010-9140-4.pdf>

**Aerodynamic Heating - Scribd -**

Aerodynamic heating is the conversion of the potential flow parameters. or other material available must be of thermal testing of aerodynamic

<https://www.scribd.com/doc/112918071/Aerodynamic-Heating>

**Significant parameters in the calculation of -**

Significant parameters in # Significant parameters in the calculation of thermal stresses due to aerodynamic heating  
<http://www.worldcat.org/title/significant-parameters-in-the-calculation-of-thermal-stresses-due-to-aerodynamic-heating-in-a-solid-diamond-shaped-supersonic-wing/oclc/48872492>

**Aerodynamic Heating and Thermal Protection -**

SHUTTLE ELEVON COVE AERODYNAMIC HEATING BY of internal heating on these parameters. heating rate to the rub tube, and the other is the prediction  
<http://arc.aiaa.org/doi/pdf/10.2514/5.9781600865336.0027.0048>

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### **Experimental aerodynamic heating to simulated -**

JULY-AUGUST 1985 AERODYNAMIC HEATING TO SIMULATED SHUTTLE TILES 419 Table 1 Tunnel conditions and test parameters for tile array Test No. 1 2 3 4 5 6 7

<http://arc.aiaa.org/doi/pdf/10.2514/3.25767>

### **Study on Correlation of Aerodynamic Heating Data -**

To study the correlation of aerodynamic heating of using the modified viscous interaction parameter and been found at other positions in

<http://www.sciencedirect.com/science/article/pii/S1877705814038302>

### **Calculation the Heating Parameters for Entry Space -**

Calculation the Heating Parameters for Entry while the heat rate in this angle is remain on this value 1 for other The aerodynamic heating parameters studied

<http://www.iasj.net/iasj?func=fulltext&aId=77684>

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