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Bibliography Report

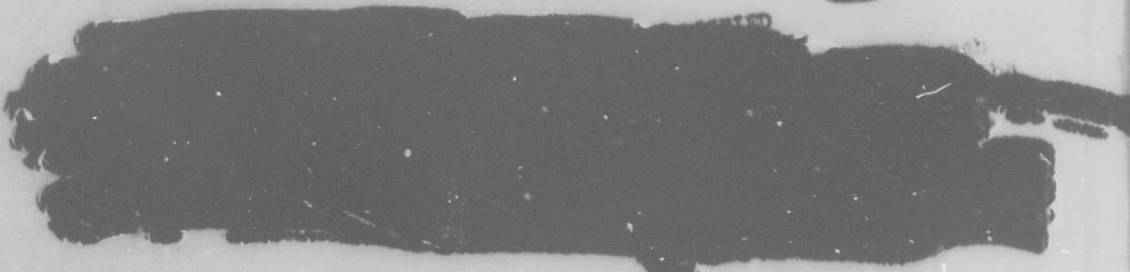
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BIBLIOGRAPHY OF REPORTS GENERATED  
UNDER THE HYRAP PROGRAM

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GM DEFENSE RESEARCH LABORATORIES ✓  
GENERAL MOTORS CORPORATION  
SANTA BARBARA, CALIFORNIA ✓

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(Page 1 of 3 Pages)

30 March 1966

UNCLASSIFIED

TECHNICAL REPORTS

1. BSD-TR-65-234  
(GM DRL Report  
TR65-11A) "A Study of Equilibrium Compositions for Systems  
of Carbon-Fluorine, Carbon-Fluorine-Oxygen,  
Air-Fluorine, and Air - C<sub>2</sub> F<sub>4</sub>  
By: David G. Clifton U  
March 1965
2. BSD-TR-65-279  
(GM DRL Report  
TR65-11B) "A Turbulence Spectrum for Shear Flows"  
By: Alan Q. Eschenroeder U  
May 1965
3. BSD-TR-65-412  
(GM DRL Report  
TR65-11C) "Equilibrium Calculations of Shock Waves in Oxygen"  
By: David G. Clifton U  
July 1965
4. BSD-TR-65-413  
(GM DRL Report  
TR65-11D) "Equilibrium Calculations of Shock Waves in Nitrogen"  
By: David G. Clifton U  
July 1965
5. BSD-TR-65-468  
(GM DRL Report  
TR65-11E) "Equilibrium Compositions for Carbon-Air Systems  
at High Temperatures and Several Pressures"  
By: David G. Clifton U  
September 1965
6. BSD-TR-65-469  
(GM DRL Report  
TN65-05) "Transition Sticking Behind Slender Cones"  
By: L.N. Wilson U  
November 1965
7. BSD-TR-65-470  
(GM DRL Report  
TR65-11F) "Effect of Ablation Material on Radar Scattering from  
a Slender Cone"  
By: Paul Robillard and U  
Srbislav Zivanovic  
October 1965
8. BSD-TR-66-17  
(GM DRL Report  
TR65-11G) "Calculation of Ablation Rates of Subliming Ablators  
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By: D.J. Collins and U  
D.K. Sangster  
December 1965

UNCLASSIFIED

(Page 2 of 3 Pages)

30 March 1966

UNCLASSIFIED

JOINT TECHNICAL REPORTS\*

1. BSD-TR-65-300  
(GM DR<sup>7</sup> Report  
TR65-19B) "Fabry-Perot Resonators at 5 Gc and 35 Gc For Wake  
Ionization Measurements in a Free-Flight Ballistics  
Range"  
  
By: R. A. Hayami, U  
D. H. Auston,  
K. J. Kelley and  
J. R. Faulkner  
May 1965
  
2. BSD-TR-65-243  
(GM DRL Report  
TR65-19A) "Free-Flight Range Measurements of Ionization  
Behind Slender Hypersonic Velocity Cones"  
  
By: R. I. Primich, U  
R. A. Hayami,  
D. H. Auston, et al  
April 1965

QUARTERLY REPORTS

1. BSD-TR-65-51  
(GM DRL Report  
TR65-13) "First Quarterly Report (HYRAP) 1 September  
through 31 December 1964"
  
2. BSD-TR-65-288  
(GM DRL Report  
TR65-24) "Second Quarterly Report (HYRAP) 1 January  
through 30 April 1965"
  
3. GSD-TR-66-73  
(GM DRL Report  
TR66-08) "Third Quarterly Report (HYRAP) 1 May through  
31 August 1965"

\* (These reports were jointly sponsored with the Advanced Research Projects Agency (ARPA) under Contract No. DA-01-021-AMC-11359 (Z) ).

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(Page 3 of 3 Pages)

## APPENDIX

### LIST OF REPORTS GENERATED UNDER THE HYRAP PROGRAM

AF 04(694) - 582

#### TECHNICAL REPORTS

BSD-TR-65-234  
(GM DRL REPORT TR65-11A)

"A Study of Equilibrium Compositions for Systems of Carbon-Fluorine, Carbon-Fluorine-Oxygen, Air-Fluorine, and Air -  $C_2F_4$ " by David G. Clifton, March, 1965.

BSD-TR-65-279  
(GM DRL REPORT TR65-11B)

"A Turbulence Spectrum for Shear Flows" by Alan Q. Eschenroeder, May 1965.

BSD-TR-65-412  
(GM DRL REPORT TR65-11C)

"Equilibrium Calculations of Shock Waves in Oxygen" by David G. Clifton, July 1965.

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(GM DRL REPORT TR65-11D)

"Equilibrium Calculations of Shock Waves in Nitrogen" by David G. Clifton, July 1965.

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(GM DRL REPORT TR65-11E)

"Equilibrium Compositions for Carbon-Air Systems at High Temperatures and Several Pressures" by David G. Clifton, September 1965.

BSD-TR-65-469  
(GM DRL REPORT TN65-05)

"Transition Sticking Behind Slender Cones" by L. N. Wilson, November 1965.

BSD-TR-65-470  
(GM DRL REPORT TR65-11F)

"Effect of Ablation Material on Radar Scattering from a Slender Cone" by Paul Robillard and Srblav Zivanovic, October 1965.

BSD-TR-66-17  
(GM DRL REPORT TR65-11G)

"Calculation of Ablation Rates of Subliming Ablators on Cones and Spheres" by D. J. Collins and D. K. Sangster, December 1965.

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"Fabry-Perot Resonators at 5 Gc and 35 Gc For Wake Ionization Measurements in a Free-Flight Ballistics Range" by R. A. Hayami, D. H. Auston, K. J. Kelley and J. R. Faulkner, May 1965.

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THIRD QUARTERLY REPORT (HYRAP)  
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