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## Description

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## Subject Headings

- Aerospace engineering
- Combustion
- Fluid mechanics
- Mechanical engineering
- Propulsion systems
- Princeton University
The analysis of helicopter blades, 1947 January 31
   itemnumber: Report No. 100
   Creator: Nikolsky, A. A.; Seckel, E.

Measurements of total energy radiated from an Argon arcjet, 1962 August
   itemnumber: Report no. 621
   Creator: Grey, J.; Jacobs, Paul, 1918- -- Correspondence.

Effect of static margin and airplane density on the control-free dynamic longitudinal stability of the airplane, 1947 April 3
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Control force instrumentation for flight test, 1947 March 30
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Stability derivatives for delta wings and slender bodies by the linearized theory, 1947 July 1
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Application of frequency response method to the calculation of dynamic stability limits of airplanes with two independent autopilots, 1947 October 5
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Theoretical analysis of the downwash distribution over helicopter rotors in forward flight, 1950 September 30

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Power requirements for helicopter cyclic de-icing, 1950 October 10

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Flight test laboratory aeronautical engineering class of 1951: tests on Cessna 140, 1951

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Stability of the supersonic laminar boundary layer with a pressure gradient, 1950 November 20

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The design, construction, and operation of the Princeton 4 by 8 inch variable-density supersonic tunnel, 1951 October 22

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A theoretical and experimental investigation of the feasibility of the intermittent ram-jet engine, 1951 August 1

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Hypersonic viscous flow over a flat plate, 1952 April 20
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The design and performance of a ramjet airliner with turbojet boost, 1952
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Preliminary investigation of the ram rocket as a power plant for a long-range
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On the stability of laminar boundary layer flow, 1952
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  Creator: Cheng, Sin-i

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  solutions, 1952 September 20
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Two dimensional wind tunnel tests for Piasecki helicopter corporation, 1952 December 12

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The longitudinal stability and control of single rotor helicopters in autorotative forward flight, 1952 October

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Combustion instability in liquid propellant rocket motors (Part I), 1952 July 31

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Operating characteristics of the Princeton University 14"x2" smoke tunnel, 1953 April

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Further correlation of observed and theoretical helicopter dynamic longitudinal response characteristics, 1953 March 31

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On the flow at the rear of a two-dimensional supersonic airfoil with thickness, 1953 May 1

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Model study of helicopter dynamic stability and control, 1953 May

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Tandem helicopter longitudinal stability and control, 1953 June

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Preliminary report on circulation control by means of trailing edge suction and the cusp effect, 1953 June 15

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The effects of rotor blade flexibility and unbalance of helicopter hovering stability and control, 1953 February  
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A proposed model track facility for dynamic studies of helicopters in forward flight, 1954 January

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A review of rotor induced velocity field theory, 1954 January
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Separation of a supersonic turbulent boundary layer, 1954 January
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Basic lateral control characteristics of the I-21 airplane, 1955 February  
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Calibration of the Princeton University subsonic instructional wind tunnel, 1954 September  
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A comparison of the calculated and observed flutter characteristics of a helicopter rotor blade having both control system and blade flexibility, 1955 December
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Combustion processes in liquid propellant rocket motors, 1956 January 23
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The effects of a spanwise variation of the section shear center position on the flutter characteristics of a helicopter blade, 1956 May
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