# Department of Mechanical and Aerospace Engineering Technical Reports 1947-1998: Finding Aid

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An experimental investigation of the transition of a helicopter from hovering to vertical autorotation, 1949 December 1
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Theoretical analysis of the downwash distribution over helicopter rotors in forward flight, 1950 September 30
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Time lag in the self-nucleation of a supersaturated vapor, 1950 November 27
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Power-off flare-up tests of a model helicopter in vertical autorotation, 1951 May 15
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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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A mixing theory for the interaction between dissipative flows and nearly-isentropic streams, 1952 January 15
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Model study of dynamic stability of helicopters, 1952 February 1
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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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  Creator: Gebhard, David F.; Goland, L.; Gray, Robin B.; McCaskill, Allan M.; Nikolsky, A. A.

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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