

List of Publications for George Lindsey

Although not comprehensive, this list is comprised of publications by George Lindsey written before, during and after his professional working career in Canada's Department of National Defence.

Books (Edited or Authored)

- 1973 Albert Legault et George Lindsey. *Le Feu Nucleaire*. Editions DU Seuille, Paris.
- Albert Legault und George Lindsey. *Dynamik des nuklearen Gleichweichts*. Alfred Metzner Verlag, Frankfurt am Main.
- 1974 Albert Legault and George Lindsey. *The Dynamics of the Nuclear Balance*. Cornell University Press. (revised edition, 1976).
- 1994 C.E. Law, G.R. Lindsey, and D.M. Grenville. *Perspectives in Science and Technology: The Legacy of Omond Solandt*. Kingston: Queen's Quarterly, Queen's University.
- 1997 George Lindsey ed. *No day Long Enough: Canadian Science in World War II*. Canadian Institute of Strategic Studies.

M.A. and Ph.D. Thesis

- 1946 The Beta and Gamma Radiation from a Plane Sheet of Radioactive Indium, M.A. Thesis, Queen's University.
- 1950 Transitions from excited States of Neon, Oxygen and Beryllium Nuclei, Ph.D. Thesis, Cavendish Laboratory, University of Cambridge.

Articles, Book Chapters, and Papers

- 1949 With S. Devons. "Electron Pair Creation by a Spherically Symmetrical Field." *Nature*, 164, 539.
- With S. Devons and H.G. Hereward. "Lifetime for Pair Emission by Spherically Symmetrical Excited States of the ^{16}O Nucleus." *Nature*, 164, 586.
- 1950 With S. Devons. "Gamma Radiation from the Resonant Capture of Protons by ^7Li Nuclei." *Proceedings of the Physical Society A63*, 1202.
- 1952 "The Roles of Radar." *Canadian Army Journal*, 5, 17.

- 1954 With S. Devons and G. Goldring. "Emission of Electron-Positron Pairs from Light Nuclei I; Monopole Transition in $^{16}\text{O}^*$." *Proceedings of the Physical Society*. A67, 134.
- 1956 "When is Air Defence Worth While?" *Royal Canadian Staff College Journal*, 30.
- 1959 "Statistical Data Useful for the Operation of a Baseball Team." *Operations Research*, 7, 197.
- 1960 "Defence Against Ballistic Missiles." *RCAF Staff College Journal*, 40.
- 1961 "The Limitations of Military Space Vehicles." *Air Force College Journal*, 58.
- "The Progress of the Score During a Baseball Game." *Journal of the American Statistical Association*, 56, 703.
- 1963 "An Investigation of Strategies in Baseball." *Operations Research*, 11, 477.
- 1964 "The Submarine Environment." *Air Force College Journal*, 65. Reprinted in *Survival*, 6, 69.
- 1965 With A. Berti. "66/4094 Modello Meccanico per la previsione del moto dei satellite su orbite non distant della superficie della terra." *Ingegneria Meccanica*, XIV-9, 17.
- 1968 "Interception Strategy Based on Intermittent Information." *Operations Research*, 16, 489.
- 1969 "Operational Research in the Department of National Defence: The Position in 1968." *CORS Journal*, 7, 1, Mar 1969 (pp. 31-38).
- "Strategic Weapon Systems, Stability, and the Possible Contributions by Canada." *Behind the Headlines*, C.I.I.A., XXVIII, 7 and 8, July; also in House of Commons Standing Committee on External Affairs and National Defence Minutes of Proceedings and Evidence, 43 (13 May 1969); 46 (21-22 May 1969).
- 1969 "Correspondence regarding ABM." *The Canadian Forum*. October 1969, p. 166.
- 1970 "The Stability of Countries of Various Sizes." OR 69, Proceedings of the Fifth International Conference on Operational Research. Ed. John Lawrence. Tavistock Publications, pp. 181-191, 1970.
- With G.D. Kaye. MIRVs and the Strategic Balance. *Nature*, 227, 696, 15 August 1970.
- 1971 "Managing the Expos to the World's Championship." *Optimum*. 2(1), 23 (1971).
- 1972 "Operational Research and Systems Analysis in the Department of National Defence." *Optimum*, 3, 2, 1972, pp. 44-54.

- “Deterrence and Defence – 1972.” *EMO National Digest* June-July 1972, pp. 1-6.
- Canadian Naval Policy since World War II: A Decision-Making Analysis by G.M. Dillon, with comments by G.R. Lindsey and Jonathan Wenk. Centre for Foreign Policy Studies, Dalhousie University Occasional Paper, October 1972.
- 1973 Strategic Deterrence and North American Aerospace Defence. United Services Institute of Ottawa. Vol. 2, No. 3, 3 July 1973, pp. 57-63.
- With J.H. Trotman. L’Enchevêtrement des Systèmes de Défense et l’Impact des SALT sur la Sécurité Européenne. Chap. II dans “Choix: La Sécurité Européenne dans les Années 1970-80.” Centre Québécois des Relations Internationales. pp. 37-45.
- 1974 With A. Legault. La Logique de l’Apocalypse. *Québec Science*, 12, 10, 28, June.
- “A Useful New Role for the Canadian Forces in Europe.” *Canadian Defence Quarterly*, 4, 1, 27 (Summer).
- 1975 “Some Types of Nuclear Proliferation are more Dangerous than Others.” *Science Forum*, 43, pp. 10-12, February 1975.
- “In Defence of Defence.” *Cnd Forces Staff College Newsletter*, Spring 1975 (reprinted in *Maritime Affairs Bulletin* 3/76, The Navy League of Canada).
- With D.P. Dexiel. “Professionalism and the Canadian Operational Research Society.” *INFOR*, 13, 2, 215-221, June 1975.
- “World Crisis 1975: Military Aspects.” *Behind the Headlines*, 34, 2, 10-18 (1975).
- “Canada’s Systems Analysts get to know each other.” *Science Forum*, 46, 21-23, August 1975.
- 1976 “Tactical Anti-Submarine Warfare: the Past and the Future.” *Adelphi Paper* No. 122 (*Power at Sea, I, the new Environment*) International Institute for Strategic Studies, London, pp. 30-39 (1976).
- 1978 “Looking Back over the Development and Progress of Operational Research.” *Operational Research ’78*. Eighth IFORS International Conference on Operational Research.
- 1986 “The Strategic Defence of North America.” ORAE, DND: CISS Issues on Strategy.
- 1989 Strategic Defence in the 1990s. In *Nuclear Strategy in the Nineties: Deterrence, Defence, and Disarmament*. CISS Toronto Seminar.

- 1990 With Patricia Bliss McFate, Sydney N. Graybeal, and D. Mark Kilgour. "Constraining Proliferation: The Contribution of Verification Synergies." Prepared for the Non-Proliferation, Arms Control and Disarmament Division, Department of External Affairs, *Canada Arms Control Verification Studies*, No. 5, 1993.
- 1995 "Some Personal Recollections of Army Operational Research on Radar in World War II." *Canadian Military History*, 4, 2, Autumn 1995.
- 1997 "Canadian Wartime Operational Research." Chapter in *No Day Long Enough: Canadian Science in World War II*. CISS.
- 1998 "Four Good Decades of OR in the Canadian Department of National Defence." *Journal of the Operational Research Society*, 49, 4, April 1998.
- 1999 *Strategic Nuclear Weapons: Fewer Would be Better, But Zero Would be Imprudent*. Waterloo: Laurier Centre for Military, Strategic and Disarmament Studies.
- 2003 "Potential Contributions by the Canadian Armed Forces in the Defence of North American against Terrorism: The Importance of Overhead Surveillance." CIIA: *International Journal*, LVIII, 3.
- "Security Policies." CIIA: *Behind the Headlines*, 60, 2.

Reviews

- 1966 Review of Robert Kuenne's *The Attack Submarine*. *International Journal*, XXI, 544.
- 1967 Review of Robert Kuenne's *The Polaris Missile Strike*. *International Journal*, XXII, 685.
- 1968 Review of Earnshaw Cooke's *Percentage Baseball*. *Operations Research*, 16, 1088.
- 1969 Review of Nigel Calder's *Until Peace Comes*, and or Ralph Lapp's *The Weapons of Culture*. *International Journal*, XXIV, 4, 828.
- 1970 Review of D. Bobrow Ed. *Weapons Systems Decisions: Political & Psychological Perspectives on Continental Defence*. *International Journal*, XXV, 2, 431, Spring.
- 1975 Review of Ingemar Dorfer's *System 37 Viggen: Arms, Technology, and the Domestication of Glory*. *International Journal*, 30, 2, 346-348, Spring 1975.