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## PROJECT HARP

-(DDP)

Volume	File No. No du dossier	Part Partie	(HIGH ALTITUDE RESEARCH PROGRAM).	Dates
61	SRI-H-R-9		REPORT OF THE TEST FIRING SERIES U.S. ARMY MATERIEL COMMAND. (2) McGill Univ.	1965
	SRI-H-R-10		" " " "	1965
	SRI-R-07		" " " "	1965
	SRI-R-20		" " " "	1965
	SRI-H-R-1		BALLISTIC DEVELOPMENT TESTING OF ME-M PROPELLANT IN THE 16" BARBADOS GUN REPORT - SRI-H-R-1 MCGILL UNIV.	1964
	SRI-H-R-2		A PARAMETRIC STUDY OF MULTI-STAGE GUN LAUNCHED ROCKET. MCGILL UNIV.	1965
	SRI-H-R-3		REPORT OF THE TEST FIRING SERIES MCGILL UNIV.	1965
	SRI-R-24		AEROSPACE APPLICATION OF GUN LAUNCHED PROJECTILES AND ROCKETS	1968
	SRI-H-M-1 To SRI-H-M-7		PLANNING DIRECTIVE FOR TEST FIRING SERIES - MEMORANDUM	1964-1965
	SRI-H-TN-1		OUTLINE AERODYNAMICS & PERFORMANCE OF THE MARTLET 2C - BY F.W. EYRE TECHNICAL NOTE MCGILL UNIV.	1964
			HARP - MCGILL UNIV. PLANNING MEMORANDUM	1965

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Volume	File No. N° du dossier	Part Partie	#	Subject - Sujet	Dates
62.	62-5			(High Altitude Research Program) Description & Status.	1962
	63-5			(High Altitude Research Program) Preliminary Report on the First Test Series.	Jan. 1963
	63-5			Report on First Twelve Firings & Status as of July 30, 1963.	Nov. 1963
	63-15			Review of Hypervelocity Impact Studies.	Dec. 1963
	64-6			Planning Report - June - July 1964 Firing Program Schedule. U.S. Army, BRL/APG & Mc Gill University with participation of U.S.A.F., AFRL & other govt. agencies in the technical program.	1964
	64-8			Space Research Institute.	1964
	-			Preliminary data from Barbados Firings & Trajectory Charts.	June 1965 Nov. 1965
	-			(BRL)	Feb. 1966
	-			Memorandum Reports A No. 1252	Mar. 1960
				1464	Apr. 1963
				1539	Jan. 1964
				1614	June - Oct. 1964
	-			Technical Notes (DND) - 1/64	10 Aug. 1964
				2/64	14 Aug. 1964
				3/64	14 Aug. 1964
				4/64	17 Sept. 1964
				5/64	31 Dec. 1964

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62.	-		Technical Notes (DND) - 1/65	25 Jan. 1965
			2/65	12 Jan. 1965
			3/65	8 Feb. 1965
			4/65	15 Feb. 1965
			6/65	18 Mar. 1965
	-		Administration + Engineering Support for Barbados Research Range.	20 Mar. 1964.
	-		Instructions for maintenance of equipment in Barbados.	
	-		A CDN equatorial upper atmosphere research facility in Barbados.	Dec. 1961.
	-		Engineering Proposal No. 9290 - Airmation Electric Ltd.	12 June 1964
	-		Schedules A+B (DCF Systems Ltd.)	20 April 1964.
	-		Sound + sound pressure level measurements of The Harp- Barbados 16.5 in. gun with a 51-ft. muzzle extension (Air Proving Ground Center)	July 1965
	-		Leonard + Denoncourt Report No. 8965-2.	1965.
63.	-		Picatinny Arsenal Technical Report No. 3147 (Parametric studies of use of boosted artillery projectiles for high altitude research purposes.	Jan. 1964

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63	-		Reports (Systems Development Research)	
			SDR-1001	
			SDR-1002	
	-		SIR report on upper atmosphere winds at an altitude of 60 miles from chemical releases produced by gun launched vertical probes.	Feb. 1965
	-		Harp Photographs (2 bound volumes + 1 folder)	
	-		Review of Project Results during fiscal year 1965.	27/28 Apr. 1965
64	-		Memorandum to Redstone Arsenal from McGill Univ. re Application of Martlet 4 program to re-entry studies.	28 May 1965
	-		Newspaper clippings, literature & misc. correspondence. (2 folders)	
	-		Gun-launched vehicles - Cost effectiveness study by Lockheed Missiles & Space Co.	29 Sept. 1967
	-		Harp Project - set of color slides.	



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# Aerospace + Armement

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Volume	File No. N <sup>o</sup> du dossier	Part Partie	Subject - Sujet	Dates
			Tracks - Tanks	
65	140-63-6		Tank Traders - Govt. of Germany.	Dec. 1957-
	VOL. 1.			Mar. 1964.
	VOL. 2.		" " " "	April 1964
				July 1965.
	140-63-6		Track Shoes & Spare Parts for	1964-65.
	1.		Tanks - Federal Republic of	
			Germany.	
	140-63-6		Sprocket Drive Tracks for	July 1964-
	12.		Tanks - Govt. of West Germany.	Mar. 1965
	140-63-6		Wedge Link Connector for Tank,	19 Aug. 1964-
	13.		Track T97E2 - Govt. of West	19 Mar. 1965
			Germany.	
			Book Reports concerning Tracks	
-			Original German Track Deal.	Feb. 1965
-			Final Summary	Mar. 1965
-			All Tracks misc.	Feb. 1965
-			T48 Track Shoes	Feb. 1965
66	-		T84E1 Tracks	Feb. 1965.
	-	1	T97E2 Tracks	Feb. 1965.
	-	2	" "	Feb. 1965.
	-		T97E2 Blueprints	Feb. 1965.
	-		T91E3 Tracks	Feb. 1965.
	-		T91E3 Pads.	Feb. 1965.
	-		Bolts & Nuts	Feb. 1965
	-		1963 Original Sprockets	Feb. 1965
	-		Sprocket Blueprints	Feb. 1965.
	-		Sprockets & Wedges	Feb. 1965

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Volume	File No. N° du dossier	Part Partie	Subject - Sujet	Dates
67	1-109		GEMINI VEHICLE HAWKER SIDDELEY CANADA, LTD.	1962-1963
	V.6001-2320		GEMINI VEHICLE PRODUCTION SHARING <del>HAWKER SIDDELEY CANADA LTD</del>	1967
	61			
	EP. 316		GEMINI VEHICLE SUPPLEMENTARY PROPOSAL CONTINUATION OF PHASE I DEVELOPMENT PROGRAM FOR GEMINI	1965
			GEMINI VEHICLE GEMINI <sup>ONE-TON</sup> <del>ONE-TON</del> AMPHIBIOUS, OFF-HIGHWAY AIR-TRANSPORTABLE VEHICLE - CONTINUATION OF PHASE I PROGRAM + DRAFT.	1966
			GEMINI VEHICLE GEMINI ONE-TON AMPHIBIOUS, OFF HIGHWAY, AIR-TRANSPORTABLE VEHICLE CONCEPT EVALUATION PROGRAM. + DRAFT	1964
			GEMINI VEHICLE GEMINI PHASE I CONTINUATION MONTHLY PROGRESS REPORTS	MAY-1963 - AUG-1963
			GEMINI VEHICLE AVRO AIRCRAFT DIVISION AVRO GEMINI PROGRAM REVISION NO. 1	1962
			GEMINI VEHICLE AVRO AIRCRAFT DIVISION HAWKER SIDDELEY CANADA LTD. REVISION NO. 2	1962



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68			WEAPONS FLAME FUEL MIXER GENERAL.	1964
			FLAME WEAPONS FUEL MIXER. MINUTES OF THE DESIGN PREVIEW MEETING	JULY 17, 1962
			FLAME WEAPONS FUEL MIXER BIMONTHLY REPORT no. 1	OCT. 1961
			" " " " no. 2	DEC. 1961
			" " " " no. 3	MARCH 1962
			" " " " no. 4	MAY 1962
			" " " " no. 5.	MAY - JULY 1962
			" " " " no. 6	SEPTEMBER 1962
			" " " " no. 7.	NOV. 1962
			FINAL REPORT	JUNE 1964
			MINUTES OF THE FIRST PROGRESS MEETING(1-7)	1962
			" " " " SECOND " "	1962
			" " " " third " "	1962
			PIPING SYSTEM AND BURNER FEED FILTER	—
			NOTE * 3 FILMS TITLED " FLAME WEAPONS FUEL MIXER — 2 x 8mm, 1 x 16mm → DEVELOPMENT OF A FLAME FUEL MIXER PART 1 + 2 → TEST AND EVALUATION OF PROTOTYPE FLAME WEAPON FUEL MIXER	
			TRANSFERRED TO FILM ARCHIVES. ACC. NO. —	