Finding Aid to the Bally-Midway-Williams Records, 1933-2000

Summary Information

Title: Bally-Midway-Williams records

Creator: Bally Manufacturing Corp., Bally Midway Mfg. Co., Midway Manufacturing Co., Williams Manufacturing Co., Williams Electronics, Inc., WMS Industries, Inc. (primary) **ID:** 117.9889

Date: 1933-2000 (inclusive); 1947-1999 (bulk)

Extent: 60 linear feet

Language: The majority of this collection is in English, though there are instances of German, French, and Spanish.

Abstract: The Bally-Midway-Williams records are an assemblage of documentation from the Bally, Midway, and (predominantly) Williams pinball companies. Materials within this collection include parts lists, bills of material forms, corporate memos, notes, playfield drawings, parts diagrams, wiring diagrams, packaging testing documentation, change notice forms, copyright registration information, engineering logbooks, and more. The majority of this collection is on pinball games, though documentation on slot machines and video games is also present. The bulk of the materials are dated between 1947 and 1999. **Repository:**

Brian Sutton-Smith Library and Archives of Play at The Strong One Manhattan Square Rochester, New York 14607 585.263.2700 library@museumofplay.org

Administrative Information

Conditions Governing Access: Some materials of financial nature have been restricted by the museum. The documents in Box 108 will not be open for research use until the year 2048. They are denoted as such in this finding aid and are separated from unrestricted files. Conditions Governing Use: This collection is open for research use by staff of The Strong and by users of its library and archives. Though intellectual property rights (including, but not limited to any copyright, trademark, and associated rights therein) have not been transferred, The Strong may make copies in all media for museum, educational, and research purposes. Custodial History: The Bally-Midway-Williams records were acquired by The Strong in October 2017 from James Loflin. The papers were accessioned by The Strong under Object ID 117.9889 and were received in 34 boxes and two rolled storage tubes.

Preferred citation for publication: Bally-Midway-Williams records, Brian Sutton-Smith Library and Archives of Play at The Strong

Processed by: Julia Novakovic, March-September 2018

Controlled Access Terms

Personal Names

- Bleich, Chuck
- Coldebella, Mark •

- DeMar, Larry
- Eddy, Brian R.
- Fedesna, Ken
- Foss, Herbert
- Gomez, George
- Horlick, Gordon
- Jarvis, Eugene
- Kordek, Steve
- Lawlor, Patrick ("Pat")
- Mabs, Harry
- McCaffer, John
- Oursler, Barry
- Patla, Jim
- Pfutzenreuter, William ("Bill")
- Ritchie, Mark
- Ritchie, Steve
- Smolucha, Walter ("Wally")
- Stern, Sam •
- Williams, Harry E. •

Corporate Names

- American Amusement Machine Association
- Bally Manufacturing Corp.
- Bally Midway Mfg. Co.
- Midway Manufacturing Co.
- Williams Electronics, Inc.
- Williams Manufacturing Co.
- WMS Industries, Inc.

Subjects

- Arcades
- Coin-operated machines
- Electromechanical devices
- Electronic games
- Electronic games industry
- Electronic games—History
- Indoor games
- Large-scale drawing
- Pinball machines
- Pinball machines--Drawings
- Pinball machines--History
- Video arcades
- Video game industry
- Video games--History •

Historical Note

What we now recognize as pinball evolved during the 20th century in America, with several well-known companies leading the way.

Raymond Moloney founded the Chicago-based Bally Manufacturing Company in 1932 to make pinball games. Along with pinball, Bally fabricated mechanical slot machines and gambling devices. (During World War II, Bally halted production of recreational items and instead made ammunition and airplane parts.) The addition of flippers and bumpers transformed pinball from a gambling machine to a skill game. In 1969, Bally purchased Midway Manufacturing Co., another amusements manufacturer (previously established by Henry Ross and Marcine "Iggy" Wolverton). Midway operated under its own name for another decade, until Bally merged its own pinball division with Midway's to form Bally/Midway Manufacturing in 1982.

Meanwhile in 1943, Harry E. Williams founded Williams Manufacturing Company, also in Chicago, Illinois—the American center for pinball production. His company rose to prominence as one of the most important arcade and pinball game manufacturers in the United States after World War II. Williams pinball designers introduced many pinball innovations, including ramps, scoring reels, drop targets, and modern 3-inch flippers. The company was acquired and incorporated several times, resulting in company name changes (becoming Williams Electronics, Inc. in 1974 and then WMS Industries in 1987).

In 1988, WMS purchased competitor Bally/Midway. The pinball division of WMS closed in 1999, after more than 50 years of designing and manufacturing electro-mechanical and solid-state pinball machines. As of 2018, WMS is retained as a brand of Scientific Games.

Collection Scope and Content Note

The Bally-Midway-Williams records contain documentation from the Bally, Midway, and Williams pinball companies, with the bulk of the materials dated between 1947 and 1993. Materials within this collection include parts lists, bills of materials (BOMs), memos, notes, correspondence, reference, playfield drawings, parts diagrams, wiring diagrams, engineer change notices (ECNs), copyright registration information, tradename search reports, engineering logbooks, packaging testing information, and some financial documentation. The majority of information in this collection is on pinball games, though documentation on video arcade games, slot machines, billiards, and other amusements is also present. Additional scope and content information can be found in the "Contents List" section of this finding aid.

The Bally-Midway-Williams records are arranged into three series, one of which is further divided into subseries (and sub-subseries). The physical materials are housed in 108 archival document boxes and one map case drawer.

Related Materials

Researchers interested in Williams pinball games may also want to access the <u>Williams pinball</u> <u>playfield design collection</u> in the Brian Sutton-Smith Library and Archives of Play. Other relevant collections include <u>James Loflin's Bally-Midway-Williams collection</u>, the <u>Steve Kordek</u> <u>coin-op and amusements collection</u>, and the <u>Atari Coin-Op Division corporate records</u>.

The International Center for the History of Electronic Games (ICHEG) houses several dozen pinball machines by Bally, Midway, and Williams.

System of Arrangement

Series I: Bally records, 1933-1983 Series II: Midway records, 1966-1986 Series III: Williams records, 1946-2000 Subseries A: Williams Manufacturing Co., 1946-1974 Subseries B: Williams Electronics, Inc., 1972-1996 1. Game/part design documentation, 1972-1980 2. Engineering logbooks and notebooks, 1980-1996 Subseries C: WMS Industries, Inc., 1963-2000 1. Game/part design documentation, 1972-2000

- 2. Staff project files, 1963-1999
- 3. Packaging testing, 1982-1999
- 4. Financial documentation, 1983-1999

Contents List

Series I: Bally records, 1933-1983

Scope and Content Note: This series contains parts lists created and maintained by Lion Manufacturing Corp. and its subsidiary, Bally Manufacturing Co. (In 1968, Lion became the Bally Manufacturing Corp.) Parts lists consist of parts numbers and brief descriptions for each product; each game (or other project) was assigned a number by Bally prior to development.

There are multiple instances in this series where the folder received during this acquisition was empty; these original folders have been retained in this collection and are indicated as "[empty folder]" in the folder title. Date range estimates for undated materials are given in brackets in the folder title; alternate titles listed on parts lists are also given in brackets.

This series is arranged chronologically by project number.

DUX I	
Folder 1	Bally – Game #1 – Air Way [empty folder], n.d. [c. 1933]
Folder 2	Bally – Game #2 – Rocket – parts lists, 1933
Folder 3	Bally – Game #3 – Cub [empty folder], n.d. [c. 1933-1934]
Folder 4	Bally – Game #4 – Streamline [empty folder], n.d. [c. 1933-1934]
Folder 5	Bally – Game #7 – First National [empty folder], n.d. [c. 1934]
Folder 6	Bally – Game #8 – Misc. Springs [empty folder], n.d. [c. 1934]
Folder 7	Bally – Game #9 – Signal [empty folder], n.d. [c. 1934-1935]
Folder 8	Bally – Game #10 – Red Arrow – parts lists, n.d. [c. 1934-1935]
Folder 9	Bally – Game #11 – Skyscraper – parts lists, 1935
Folder 10	Bally – Game #12 – Action/C.O.D. – parts lists, n.d. [c. 1935]
Folder 11	Bally – Game #13 – Natural – parts lists, n.d. [c. 1935]
Folder 12	Bally – Game #14 – Imp [empty folder], n.d. [c. 1935]
Folder 13	Bally – Game #15 – Skill Circle – parts lists, n.d. [c. 1935]
Folder 14	Bally – Game #16 – Ranger – parts lists, n.d. [c. 1935]
Folder 15	Bally – Game #17 – Traffic [Models A, B, C] – parts lists, n.d. [c. 1935]
Folder 16	Bally – Game #18 – Frisky – parts lists, n.d. [c. 1935]
Folder 17	Bally – Game #19 – Rockelite – parts lists, n.d. [c. 1935]
Folder 18	Bally – Game #20 – Tunnel [empty folder], n.d. [c. 1935]
Folder 19	Bally – Game #21 – Slugger [empty folder], n.d. [c. 1935]
Folder 20	Bally – Game #22 – Banker – parts lists, 1935
Folder 21	Bally – Game #23 – Ace – parts lists, n.d. [c. 1935]
Folder 22	Bally – Game #24 – Post Time – parts lists, n.d. [c. 1935]
Folder 23	Bally – Game #25 – Silver Streak – parts lists, n.d. [c. 1935]
Folder 24	Bally – Game #26 – 3-In-Line – parts lists, n.d. [c. 1935]
Folder 25	Bally – Game #27 – Flicker – parts lists, 1935
Folder 26	Bally – Game #28 – Lone Star – parts lists, n.d. [c. 1935]
Folder 27	Bally – Game #29 – Jumbo – parts lists, 1935
Folder 28	Bally – Game #30 – Plantellus – parts lists, n.d. [c. 1935]
Folder 29	Bally – Game #31 – Discovery [empty folder], n.d. [c. 1935]

Folder	30	Bally – Game #32 – Make or Break [empty folder], n.d. [c. 1935]
Folder	31	Bally – Game #33 – Prospector – parts lists, 1935
Folder	32	Bally – Game #34 – Hunch [empty folder], n.d. [c. 1935]
Folder	33	Bally – Game #35 – Spinner [empty folder], n.d. [c. 1935]
Folder	34	Bally – Game #36 – Win or Lose [empty folder], n.d. [c. 1935]
Folder	35	Bally – Game #37 – Greyhound – parts lists, n.d. [c. 1935]
Folder		Bally – Game #38 – Centennial – parts lists, 1935
Folder		Bally – Game #39 – High Hand – parts lists, n.d. [c. 1935]
Folder		Bally – Game #40 – Teaser – parts lists, 1935
Folder	39	Bally – Game #41 – Match the Dial – parts lists, 1935
Folder	40	Bally – Game #42 – Bally Baby – parts lists, 1936
Folder	41	Bally – Game #43 – Buck's [empty folder], n.d. [c. 1935]
Folder	42	Bally – Game #44 – Big Boy [empty folder], n.d. [c. 1935]
Folder	43	Bally – Game #45 – Jumbo Ticket Game – parts lists, 1935
Folder	44	Bally – Game #46 – Ray's Track – parts lists, 1936-1937
Folder	45	Bally – Game #47 – Super Highway [empty folder], n.d. [c. 1935-1936]
Folder	46	Bally – Game #48 – 666 – parts lists, 1935
Folder	47	Bally – Game #49 – Colossal – parts lists, 1935
Folder	48	Bally – Game #50 – Smack-em – parts lists, 1935
Box 2		
Folder		Bally – Game #51 – Prospector Ticket Game – parts lists, 1935
Folder	2	Bally – Game #52 – Main Street – parts lists, 1935
Folder	3	Bally – Game #53 – Panama [empty folder], n.d. [c. 1935]
Folder	4	Bally – Game #54 – Scrimmage – parts lists, 1935
Folder	5	Bally – Game #55 – Battle – parts lists, n.d. [c. 1935]
Folder	6	Bally – Game #56 – Golden Harvest – parts lists, 1935
Folder	7	Bally – Game #57 – Redwood [Jumbo 5 Ball] – parts lists, n.d. [c. 1935]
Folder	8	Bally – Game #58 – Northern Light [empty folder], n.d. [c. 1935]
Folder	9	Bally – Game #59 – Majestic [empty folder], n.d. [c. 1935]
Folder	10	Bally – Game #60 – Bally Derby – parts lists, 1935
Folder	11	Bally – Game #61 – Skipper – parts lists, n.d. [c. 1935]
Folder	12	Bally – Game #62 – Peerless – parts lists, n.d. [c. 1935]
Folder	13	Bally – Game #63 – 3 Across [empty folder], n.d. [c. 1935]
Folder	14	Bally – Game #64 – Golden Harvest – parts lists, 1935
Folder	15	Bally – Game #65 – Harvest Moon – parts lists, 1936
Folder	16	Bally – Game #66 – Bally Derby – parts lists, 1935
Folder	17	Bally – Game #67 – Spark-O-Lite [empty folder], n.d. [c. 1935]
Folder	18	Bally – Game #68 – Paramount – parts lists, n.d. [c. 1935]
Folder	19	Bally – Game #69 – Bally Bonus [empty folder], n.d. [c. 1935]
Folder	20	Bally – Game #70 – Rambler – parts lists, 1936
Folder	21	Bally – Game #71 – Peerless – parts lists, 1936
Folder	22	Bally – Game #72 – Automat [empty folder], n.d. [c. 1936]
Folder		Bally – Game #73 – Pari-Mutuel – parts lists, 1936
Folder		Bally – Game #74 – Multiple – parts lists, 1936
Folder	25	Bally – Game #75 – Paramount – parts lists, n.d. [c. 1936]

Folder 25 Bally – Game #75 – Paramount – parts lists, n.d. [c. 1936]

Folder 26	Bally – Game #76 – Bally Bonus – parts lists, n.d. [c. 1936]
Folder 27	Bally – Game #77 – Northern Lights – parts lists, n.d. [c. 1936]
Folder 28	Bally – Game #78 – Selector [empty folder], n.d. [c. 1936]
Folder 29	Bally – Game #79 – Bally Jewel Box [empty folder], n.d. [c. 1936]
Folder 30	Bally – Game #80 – Vibrator [empty folder], n.d. [c. 1936]
Folder 31	Bally – Game #81 – Cigarette Pin Game [empty folder], n.d. [c. 1936]
Folder 32	Bally – Game #82 – Ambassador [empty folder], n.d. [c. 1935-1936]
Folder 32	Bally – Game #82 – Annoassador [empty folder], n.d. [c. 1955-1956] Bally – Game #83 – Round and Round [empty folder], n.d. [c. 1936]
Folder 34	
	Bally – Game #84 – Pari-Mutuel [empty folder], n.d. [c. 1936]
Folder 35	Bally – Game #85 – Congo [empty folder], n.d. [c. 1936]
Folder 36	Bally – Game #86 – Baseball [empty folder], n.d. [c. 1936]
Folder 37	Bally – Game #87 – Hunter – parts lists, 1936
Folder 38	Bally – Game #88 – Natural – parts lists, 1936
Folder 39	Bally – Game #89 – Sky High – parts lists, 1936
Folder 40	Bally – Game #90 – All Stars – parts lists, 1936
Folder 41	Bally – Game #91 – Hialeah – parts lists, 1936
Folder 42	Bally – Game #93 – Multiple [empty folder], n.d. [c. 1936]
Folder 43	Bally – Game #94 – Hialeah Ticket – parts lists, n.d. [c. 1936]
Folder 44	Bally – Game #99 – Round Up – parts lists, 1936
Folder 45	Bally – Game #101 – Air Lane – parts lists, 1936
Folder 46	Bally – Game #102 – Challenger – parts lists, 1936
Folder 47	Bally – Game #105 – Challenger Ticket – parts lists, 1936
Folder 48	Bally – Game #106 – Bally Roll – parts lists, 1936
Folder 49	Bally – Game #107 – Lights Out – parts lists, 1936
Folder 50	
	Bally – Game #109 – Blue Bird – parts lists, 1936
Folder 51	Bally – Game #110 – Match-Em – parts lists, 1936
Box 3	
Folder 1	Bally – Game #111 – Snappy – parts lists, 1936
Folder 2	Bally – Game #112 – Rover [Preakness] – parts lists, 1936
Folder 3	Bally – Game #113 – Lights Out Special – parts lists, n.d. [c. 1936]
Folder 4	Bally – Game #114 – Nugget [Dough Boy] – parts lists, 1936
Folder 5	Bally – Game #117 – Belmont – parts lists, 1936
Folder 6	Bally – Game #118 – Eagle Eye – parts lists, 1936
Folder 7	Bally – Game #119 – Preakness Ticket – parts lists, 1936
Folder 8	Bally – Game #123 – Pockets by Bally [Pool Table] – parts lists, 1936
Folder 9	Bally – Game #125 – Fairground – parts lists, 1937
Folder 10	Bally – Game #126 – Bumper – parts lists, 1936
Folder 11	Bally – Game #131 – The Favorite [Daily Double] – parts lists, 1937
Folder 12	Bally – Game #132 – Bumper Free Play – parts lists, 1937
Folder 13	Bally – Game #135 – Skipper – parts lists, 1937
Folder 14	Bally – Game #136 – Bumper Register – parts lists, 1937
Folder 15	Bally – Game #137 – Carom – parts lists, 1937
Folder 16	Bally – Game #140 – Bumper Senior – parts lists, 1937
Folder 17	Bally – Game #141 – Carom Ticket – parts lists, 1937
Folder 18	Bally – Game #142 – Bally Booster [Twirler] – parts lists, 1937
101001 10	Dung Sume #112 Dung Dooster [1 which] putto how, 1957

Folder 19	Bally – Game #144 – Humidifier – parts lists, 1938
Folder 20	Bally – Game #149 – Skipper with Intake Meter – parts lists, 1937
Folder 21	Bally – Game #150 – Equalite – parts lists, 1937
Folder 22	Bally – Game #154 – Bally Booster Register – parts lists, 1937
Folder 23	Bally – Game #155 – Golden Wheel – parts lists, 1937
Folder 24	Bally – Game #156 – Cross Line – parts lists, 1937
Folder 25	Bally – Game #157 – Bally Belle – parts lists, 1937
Folder 26	Bally – Game #158 – Golden Wheel Ticket – parts lists, 1937
Folder 27	Bally – Game #159 – Mercury – parts lists, 1937
Folder 28	Bally – Game #160 – Classic – parts lists, 1937
Folder 29	Bally – Game #161 – Sum Fun – parts lists, 1937
Folder 30	Bally – Game #163 – Arlington – parts lists, 1937
Folder 31	Bally – Game #165 – Racing Form [Race-Away] – parts lists, 1937
Folder 32	Bally – Game #166 – Teaser – parts lists, 1937
Folder 33	Bally – Game #167 – Roulette – parts lists, 1938
Folder 34	Bally – Game #168 – Sprint – parts lists, 1937
Folder 35	Bally – Game #169 – Classic Ticket – parts lists, 1937
Folder 36	Bally – Game #170 – Arlington Ticket – parts lists, 1937
Folder 37	Bally – Game #171 – Fair Ground Meter Mult. – parts lists, 1937
Folder 38	Bally – Game #172 – Sports Page – parts lists, 1937
Folder 39	Bally – Game #173 – Favorite Ticket – parts lists, 1937
Folder 40	Bally – Game #174 – Water Filter – parts lists, 1937
Folder 41	Bally – Game #175 – Teaser Ticket – parts lists, 1937
Folder 42	Bally – Game #177 – Fleetwood – parts lists, 1937
Folder 43	Bally – Game #178 – Bally Stables – parts lists, 1937
Folder 44	Bally – Game #179 – Airway 1937 [Flight] – parts lists, 1937
Folder 45	Bally – Game #184 – Bally's Club House [Grand Stand] – parts lists, 1937
Folder 46	Bally – Game #185 – Saddle Club – parts lists, 1937
Folder 47	Bally – Game #187 – Turf Special – parts lists, n.d. [c. 1937]
Folder 48	Bally – Game #188 – Doghouse – parts lists, 1938
Folder 49	Bally – Game #189 – Line-Up – parts lists, 1937
Folder 50	Bally – Game #190 – Tell-A-Vision – parts lists, 1937

Folder 1	Bally – Game #191 – Fast Track – parts lists, 1937
Folder 2	Bally – Game #194 – Bally's Stables Ticket – parts list, 1937
Folder 3	Bally – Game #195 – Bally Entry – parts lists, 1937
Folder 4	Bally – Game #196 – Lincoln Fields – parts lists, 1937
Folder 5	Bally – Game #197 – Bally's Club House Ticket – parts lists, 1937
Folder 6	Bally – Game #200 – Lite-A-Pax – parts lists, 1937
Folder 7	Bally – Game #201 – Bally Bull's Eye – parts lists, 1937
Folder 8	Bally – Game #202 – Bally Baskets – parts lists, n.d. [c. 1937]
Folder 9	Bally – Game #204 – Zephyr – parts lists, 1937
Folder 10	Bally – Game #205 – Preakness De Luxe – parts lists, 1937
Folder 11	Bally – Game #206 – Preakness Deluxe Ticket – parts lists, 1937
Folder 12	Bally – Game #207 – Hot Vendor – parts lists, 1937

Folder 13	Bally – Game #208 – Skill Fields – parts lists, 1937
Folder 14	Bally – Game #209 – Remote Control – parts lists, 1938
Folder 15	Bally – Game #213 – Bally Reserve – parts lists, 1938
Folder 16	Bally – Game #215 – Zephyr Jr. – parts lists, 1938
Folder 17	Bally – Game #216 – Bally Racer – parts lists, 1938
Folder 18	Bally – Game #218 – New Sport Page – parts lists, 1938
Folder 19	Bally – Game #220 – Magic Ball – parts lists, 1938
Folder 20	Bally – Game #222 – Rocket of 1938 – parts lists, 1938
Folder 21	Bally – Game #224 – Mercury Jr. – parts lists, 1938
Folder 22	Bally – Game #225 – Bally Mill Wheel – parts lists, 1938
Folder 23	Bally – Game #227 – New Sport Page Ticket – parts lists, 1938
Folder 24	Bally – Game #232 – New Grand Stand – parts lists, 1938
Folder 25	Bally – Game #234 – Big Apple – parts lists, 1938
Folder 26	Bally – Game #236 – Sunbeam – parts lists, 1938
Folder 27	Bally – Game #238 – Bambino – parts lists, 1938
Folder 28	Bally – Game #240 – Lucky Strike – parts lists, 1938
Folder 29	Bally – Game #241 – Lexington – parts lists, 1938
Folder 30	Bally – Game #242 – Dixie – parts lists, 1938
Folder 31	Bally – Game #243 – Fleet – parts lists, 1938
Folder 32	Bally – Game #244 – Klondike – parts lists, 1938
Folder 33	Bally – Game #245 – Rainbow – parts lists, 1938
Folder 34	Bally – Game #247 – Atlantic City – parts lists, 1938
Folder 35	Bally – Game #248 – Palm Springs – parts lists, 1938
Folder 36	Bally – Game #249 – Crescent City – parts lists, 1938
Folder 37	Bally – Game #250 – Arcade – parts lists, 1938
Folder 38	Bally – Game #251 – Gasoline Alley – parts lists, 1938
Folder 39	Bally – Game #252 – Baby Reserve – parts lists, 1938
Folder 40	Bally – Game #253 – Double-Up – parts lists, 1938
Folder 41	Bally – Game #254 – Dewey Baby – parts lists, 1938
Folder 42	Bally – Game #256 – Home Roulette – parts lists, 1938
Folder 43	Bally – Game #258 – Mayflower – parts lists, 1938
Folder 44	Bally – Game #259 – Bally's Ponies – parts lists, 1938
Folder 45	Bally – Game #261 – Big Ten – parts lists, 1938
Folder 46	Bally – Game #262 – Lexington Without Skill Fields – parts lists, 1938
Folder 47	Bally – Game #264 – Coca Cola – parts lists, 1938
Folder 48	Bally – Game #265 – Britannia – parts lists, 1938
Folder 49	Bally – Game #266 – Grand National – parts lists, 1939
Folder 50	Bally – Game #267 – Bally View – parts lists, 1938
Folder 51	Bally – Game #268 – Eureka – parts lists, 1938
Folder 52	Bally – Game #269 – Educational Display – parts lists, 1938
Folder 53	Bally – Game #270 – Key Lite – parts lists, 1938

Folder 1	Bally – Game #272	– World's Fair –	parts lists, 1938
----------	-------------------	------------------	-------------------

- Folder 2
- Bally Game #274 Lucky Star parts lists, 1938 Bally Game #277 Thistle Down parts lists, 1938 Folder 3

F 11 4	
Folder 4	Bally – Game #278 – Heart-O-Meter – parts lists, 1940
Folder 5	Bally – Games #280A, 280B, 280C – Paramount – parts lists, 1938
Folder 6	Bally – Game #281 – Sweetheart – parts lists, 1938
Folder 7	Bally – Game #282 – Thunder Bolt – parts lists, 1938
Folder 8	Bally – Game #283 – World's Fair Free Play – parts lists, 1938
Folder 9	Bally – Game #287 – Bally Suspense [Bally Amigo] – parts lists, 1938
Folder 10	Bally – Game #288 – Position [Sequence, Unique] – parts lists, 1938
Folder 11	Bally – Game #291 – Hawthorne – parts lists, 1938
Folder 12	•
	Bally – Game #298 – Swanky – parts lists, 1938
Folder 13	Bally – Game #299 – Sea Biscuit – parts lists, 1938
Folder 14	Bally – Game #303 – Thistle Down Ticket – parts lists, 1938
Folder 15	Bally – Game #304 – Dixie Ticket – parts lists, 1938
Folder 16	Bally – Game #305 – Arrow Head – parts lists, 1938
Folder 17	Bally – Game #308 – Blue Ribbon – parts lists, 1938
Folder 18	Bally – Game #309 – Home Stretch – parts lists, 1938
Folder 19	Bally – Game #313 – Supreme Free Play – parts lists, 1938
Folder 20	Bally – Game #314 – Key Lite #2 – parts lists, 1938
Folder 21	Bally – Game #315 – Bally Royal – parts lists, 1939
Folder 22	Bally – Game #316 – Pacemaker – parts lists, 1939
Folder 23	Bally – Game #321 – Hawthorne Ticket – parts lists, 1939
Folder 24	Bally – Game #324 – Spottem – parts lists, 1939
Folder 25	Bally – Game #325 – Pace Maker – parts lists, 1939
Folder 26	Bally – Game #326 – Fifth Inning – parts lists, 1939
Folder 27	Bally – Game #327 – Victory – parts lists, 1939
Folder 28	Bally – Game #329 – Buck Shot – parts lists, 1939
Folder 29	Bally – Game #331 – C.O.D. – parts lists, 1939
Folder 30	Bally – Game #334 – Gold Medal – parts lists, 1939
Folder 31	Bally – Game #337 – Carbonator ½ Ton – parts lists, 1940
Folder 32	Bally – Game #338 – Double Feature – parts lists, 1939
Folder 33	Bally – Game #340 – Royal Flush – parts lists, 1939
Folder 34	Bally – Game #341 – Champion – parts lists, 1939
Folder 35	Bally – Game #343 – Chevron – parts lists, 1939
Folder 36	Bally – Game #345 – Headliner – parts lists, 1939
Box 6	
Folder 1	Bally – Game #348 – Variety – parts lists, 1939
Folder 2	Bally – Game #349 – Gold Cup – parts lists, 1939
Folder 3	Bally – Game #350 – Pick-Em – parts lists, 1939
Folder 4	Bally – Game #350 – Vogue – parts lists, 1939
Folder 5	Bally – Game #350 – Vogue – parts lists, 1959 Bally – Game #352 – Triumph – parts lists, 1940
	Bally – Game #352 – Trumph – parts lists, 1940 Bally – Game #354 – Grand National – parts lists, 1939
Folder 6	
Folder 7	Bally – Game #356 – White Sails – parts lists, 1939
Folder 8	Bally – Game #358 – Bulls Eye – parts lists, 1939
Folder 9	Bally – Game #359 – Scoop – parts lists, 1939
Folder 10	Bally – Game #360 – Roller Derby – parts lists, 1939
Folder 11	Bally – Game #362 – Top Notcher – parts lists, 1939

Folder 12	Bally – Game #363 – Vibro Pep – parts lists, 1940
Folder 13	Bally – Game #364 – Bally Alley After 1750 [2500] – parts lists, 1939
Folder 14	Bally – Game #365 – Dandy – parts lists, 1940
Folder 15	Bally – Game #366 – Bally Beauty – parts lists, 1940
Folder 16	Bally – Game #367 – Sport King – parts lists, 1940
Folder 17	Bally – Game #370 – Royal Draw – parts lists, 1940
Folder 18	Bally – Game #371 – Sport Special – parts lists, 1940
Folder 19	Bally – Game #375 – Glamour – parts lists, 1940
Folder 20	Bally – Game #376 – High Band – parts lists, 1940
Folder 21	Bally – Game #379 – Bally Charm – parts lists, 1940
Folder 22	Bally – Game #380 – Mascot – parts lists, 1940
Folder 23	Bally – Game #385 – Santa Anna – parts lists, 1940
Folder 24	Bally – Game #387 – Rapid Fire – parts lists, 1940
Folder 25	Bally – Game #388 – Lime Light – parts lists, 1940
Folder 26	Bally – Game #389 – Lead Off – parts lists, 1940
Folder 27	Bally – Game #390 – Fleet of 1940 – parts lists, 1940
Folder 28	Bally – Game #392 – Record Time – parts lists, 1940
Folder 29	Bally – Game #394 – Vacation – parts lists, 1940
Folder 30	Bally – Game #397 – Big Top – parts lists, 1940
Folder 31	Bally – Game #398 – Progress – parts lists, 1940
Folder 32	Bally – Game #400 – Dark Horse – parts lists, 1940
Box 7	
Folder 1	Bally – Game #403 – Long Shot – parts lists, 1940
Folder 2	Bally – Game #404 – New Roll-Em – parts lists, 1941
Folder 3	Bally – Game #405 – Blue Grass – parts lists, 1941
Folder 4	Bally – Game #406 – Cross Line – parts lists, 1940
Folder 5	Bally – Game #407 – Duet – parts lists, 1940
Folder 6	Bally – Game #408 – Attention – parts lists, 1940
Folder 7	Bally – Game #410 – Broad Cast – parts lists, 1940
	-
Folder 8	Bally – Game #411 – Defender – parts lists, 1940
Folder 9	Bally – Game #413 – Flicker – parts lists, 1941
Folder 10	Bally – Game #417 – Pan American – parts lists, 1941
Folder 11	Bally – Game #418 – Silver Streaks – parts lists, 1941
Folder 12	Bally – Game #419 – Kentucky – parts lists, 1941
Folder 13	Bally – Game #420 – Mystic – parts lists, 1941
Folder 14	Bally – Game #422 – Sky Battle – parts lists, 1941
Folder 15	Bally – Game #423 – Parlay – parts lists, 1941
Folder 16	Bally – Game #424 – Trailways – parts lists, 1941
Folder 17	Bally – Game #425 – Jockey Club – parts lists, 1941
Folder 18	Bally – Game #426 – Trophy – parts lists, 1941
Folder 19	Bally – Game #427 – Play Ball – parts lists, 1941
Folder 20	Bally – Game #429 – Speed Ball – parts lists, 1941
Folder 21	
	Bally – Game #430 – Pepsi-Cola Vendor – parts lists, 1941
Folder 22	Bally – Game #431 – Bright Lights – parts lists, 1941
Folder 22 Folder 23	

Folder 24 Folder 25 Folder 26 Folder 27 Folder 28 Folder 29 Folder 30	Bally – Game #433 – Skill Box – parts lists, 1941 Bally – Game #436 – Bally Pursuit – parts lists, 1941 Bally – Game #438 – Club Bells – parts lists, 1941 Bally – Game #439 – Turf King – parts lists, 1941 Bally – Game #440 – 41-Derby – parts lists, 1941 Bally – Game #442 – Monicker – parts lists, 1941 Bally – Game #445 – Convoy – parts lists, 1941
Folder 31	Bally – Game #447 – Topic – parts lists, 1941
Folder 32	Bally – Game #448 – Pimlico – parts lists, 1941
Folder 33	Bally – Game #449 – Fairmont – parts lists, 1941
Folder 34	Bally – Game #450 – Torpedo – parts lists, 1941
Box 8	
Folder 1	Bally – Game #452 – King Pin – parts lists, 1941
Folder 2	Bally – Game #454 – Sun Ray – parts lists, 1941
Folder 3	Bally – Game #455 – Thorobred [Long Acres] – parts lists, 1942
Folder 4	Bally – Game #456 – Victory Derby – parts lists, 1946
Folder 5	Bally – Game #457 – Victory Special – parts lists, 1945
Folder 6	Bally – Game #458 – Draw Bell – parts lists, 1946
Folder 7	Bally – Game #459 – Surf Queens – parts lists, 1946
Folder 8	Bally – Game #470 – Triple Bell – parts lists, 1946
Folder 9	Bally – Game #472 – Check Separator – parts lists, 1946
Folder 10	Bally – Game #473 – 25¢ Multi-Bell – parts lists, 1949
Folder 11	Bally – Game #474 – Coin Display [Check Separator] – parts lists, 1946
Folder 12	Bally – Game #475 – Bally Bowler – parts lists, 1948
Folder 13	Bally – Game #477 – Victory Derby – parts lists, 1946
Folder 14	Bally – Game #479 – Big League – parts lists, 1946
Folder 15	Bally – Game #483 – Bally Basket – parts lists, 1946
Folder 16	Bally – Game #484 – Midget Racer – parts lists, 1946
Folder 17	Bally – Game #485 – Double Barrel – parts lists, 1946
Folder 18	Bally – Game #486 – Bally Entry – parts lists, 1946
Folder 19	Bally – Game #488 – Heavy Hitter – parts lists, 1948
Folder 20	Bally – Game #490 – Hi-Boy – parts lists, 1948
Folder 21	Bally – Game #491 – Roto-lette – parts lists, 1948
Folder 22	Bally – Game #492 – Carnival – parts lists, 1948
Folder 23	Bally – Game #493 – Double-Up – parts lists, 1948
Folder 24	Bally – Game #494 – Bally Rocket – parts lists, 1947
Folder 25	Bally – Game #495 – Wild Lemon – parts lists, 1948
Folder 26	Bally – Game #496 – Eureka – parts lists, 1948
Folder 27	Bally – Game #497 – Bally-Hoo – parts lists, 1947
Folder 28	Bally – Game #498 – Jockey Club – parts lists, 1948
Folder 29	Bally – Game #498A- Trophy – parts lists, 1948
Folder 30 Folder 31	Bally – Game #499 – Jockey Special – parts lists, 1948 Bally – Game #499 A – Gold Cup – parts lists, 1948
Folder 31 Folder 32	Bally – Game #499A – Gold Cup – parts lists, 1948 Bally – Game #500 – Big Inning [Bally Baseball] – parts lists, 1947
Folder 32 Folder 33	Bally – Game #500 – Play Bell – parts lists, 1947 Bally – Game #501 – Play Bell – parts lists, 1948
Folder 33	Daily – Gaille $\pi_{3}01 - 1$ lay Dell – parts lists, 1940

Folder Folder Folder Folder Folder Folder	35 36 37 38	Bally – Game #502 – Bally Silver Streak – parts lists, 1947 Bally – Game #503 – Bally Nudgy – parts lists, 1947 Bally – Game #504 – Hy-Roll – parts lists, 1947 Bally – Game #505 – 25¢ Spot Bell – parts lists, 1949 Bally – Game #506 – Bally Reserve Bell – parts lists, 1948 Bally – Game #507 – Clover Bell – parts lists, 1949
Folder		Bally – Game #508 – Hot Rods – parts lists, 1949
Folder		Bally – Game #509 – Melody – parts lists, 1947
Folder		Bally – Game #510 – Melody Roll – parts lists, 1947
Poluci	42	Daily – Game #510 – Melody Ron – parts lists, 1947
Box 9		
Folder	1	Bally – Game #512 – Deluxe Bowler – parts lists, 1948
Folder		Bally – Game #513 – Ballerina – parts lists, 1948
Folder		Bally – Game #514 – Rancho – parts lists, 1948
Folder		Bally – Game #515 – Holly Crane – parts lists, 1948
Folder		Bally – Game #516 – Lexington – parts lists, 1948-1950
Folder		Bally – Game #517 – Citation – parts lists, 1949
Folder		Bally – Game #518 – Kentucky – parts lists, 1949
Folder		Bally – Game #518A – Kentucky – parts lists, 1949
Folder		Bally – Game #519 – Champion – parts lists, 1949
Folder		Bally – Game #519 – Champion – parts lists, 1949 Bally – Game #522 – Grand Stand – parts lists, 1950
		•
Folder		Bally – Game #523 – Turf King – parts lists, 1950
Folder		Bally – Game #524 – Triple Draw Bell – parts lists, 1950
Folder		Bally – Game #525 – Shuffle Bowler – parts lists, 1949
Folder		Bally – Game #526 – Speed Bowler – parts lists, 1950
Folder		Bally – Game #527A – Shuffle Champ – parts lists, 1950
Folder		Bally – Game #530 – Futurity – parts lists, 1951
Folder		Bally – Game #533 – Bright Lights – parts lists, 1951
Folder		Bally – Game #534 – Shuffle Line – parts lists, 1951
Folder		Bally – Game #535 – Broadway – parts lists, 1951
Folder	20	Bally – Game #536 – Coney Island – parts lists, 1951
Folder	21	Bally – Game #537 – 21" Television – parts lists, 1952
Folder	22	Bally – Game #538 – Bright Spot – parts lists, 1951
Folder	23	Bally – Game #539 – Spot-Lite – parts lists, 1951
Folder	24	Bally – Game #540 – [no title – Champion?] – parts lists, 1952
Folder	25	Bally – Game #541 – Atlantic City – parts lists, 1952
Folder	26	Bally – Game #542 – Sunshine Park – parts lists, 1952
Folder	27	Bally – Game #543 – Palm Beach – parts lists, 1952
Folder	28	Bally – Game #544 – Frolics – parts lists, 1952
Folder	29	Bally – Game #545 – Space-ship – parts lists, 1952
Folder		Bally – Game #546 – Bally Beauty – parts lists, 1952
Folder		Bally – Game #547 – Lighter – parts lists, 1955-1956
Folder		Bally – Game #548 – Beach Club – parts lists, 1953
Folder		Bally – Game #549 – Yacht Club – parts lists, 1953
Folder		Bally – Game #550 – Speed Boat – parts lists, 1953
Folder		Bally – Game #551 – 21" Television – parts lists, 1953

Folder 36	Bally – Game #552 – Dude Ranch – parts lists, 1953	
-----------	--	--

- Folder 37 Bally Game #553 Palm Springs parts lists, 1953
- Folder 38 Bally Game #554 Ice Frolics parts lists, 1953
- Folder 39 Bally Game #555 Victory Bowler parts lists, 1954

DUX IU		
Folder 1	l	Bally – Game #555A – Champion Bowler – parts lists, 1954
Folder 2	2	Bally – Game #556 – Surf Club – parts lists, 1954
Folder 3	3	Bally – Game #557 – Moon Ride – parts lists, 1954
Folder 4	1	Bally – Game #559 – Hi-Fi – parts lists, 1954
Folder 5	5	Bally – Game #560 – Rocket Bowler – parts lists, 1954
Folder 6	5	Bally – Game #560A – Jet Bowler – parts lists, 1954
Folder 7	7	Bally – Game #561 – Variety – parts lists, 1954
Folder 8	3	Bally – Game #562 – Mystic Bowler – parts lists, 1954
Folder 9)	Bally – Game #562A – Magic Bowler – parts lists, 1954
Folder 1	10	Bally – Game #563 – Big Time – parts lists, 1954
Folder 1	11	Bally – Game #564 – Bulls Eye – parts lists, 1955
Folder 1	12	Bally – Game #565 – Blue Ribbon – parts lists, 1955
Folder 1	13	Bally – Game #565A – Gold Medal – parts lists, 1955
Folder 1		Bally – Game #566 – Gayety – parts lists, 1955
Folder 1		Bally – Game #568 – Gay Time – parts lists, 1955
Folder 1	16	Bally – Game #569 – A.B.C. Bowler – parts lists, 1955
Folder 1	17	Bally – Game #569A – Congress Bowler – parts lists, 1955
Folder 1	18	Bally – Game #570 – Jumbo Bowler – parts lists, 1955
Folder 1	19	Bally – Game #570A – Kingpin Bowler – parts lists, 1955
Folder 2	20	Bally – Game #571 – Miami Beach – parts lists, 1955
Folder 2	21	Bally – Game #572 – Beach Beauty – parts lists, 1955
Folder 2		Bally – Game #574L – [no title – Pool Game?] – parts lists, 1956
Folder 2	23	Bally – Game #575 – Crosswords – parts lists, 1955-1956
Folder 2	24	Bally – Game #576 – Broadway – parts lists, 1955
Folder 2	25	Bally – Game #577 – Night Club – parts lists, 1956
Folder 2	26	Bally – Game #578 – [no title – Booster Pool?] – parts lists, 1956
Folder 2	27	Bally – Game #579 – Magic Pool – parts lists, 1956
Folder 2	28	Bally – Game #581 – Parade – parts lists, 1956
Folder 2	29	Bally – Game #582 – Double Header – parts lists, 1956
Folder 3	30	Bally – Game #584 – Balls-A-Poppin – parts lists, 1956
Folder 3	31	Bally – Game #585 – Big Show – parts lists, 1956
Folder 3		Bally – Game #588 – Key West – parts lists, 1956
Folder 3		Bally – Game #589 – A.B.C. Bowling Lanes – parts lists, 1956
Folder 3	34	Bally – Game #590 – Show Time – parts lists, 1957
		_

- Folder 1 Bally Game #591 ABC Tournament Bowler parts lists, 1957
- Folder 2 Bally Game #592 Sun Valley parts lists, 1957
- Folder 3 Bally Game #593 Big Inning parts lists, 1957
- Folder 4 Bally Games #594A, 594B Circus parts lists, 1957

Folder 5	Bally – Game #595 – ABC Super Deluxe Bowler – parts lists, 1957
Folder 6	Bally – Games #596A, 596B – Carnival – parts lists, 1957
Folder 7	Bally – Game #598 – ABC Champion Bowler – parts lists, 1957
Folder 8	Bally – Game #599 – All-Star Bowler – parts lists, 1957
Folder 9	Bally – Game #599 – Deluxe All-Star Bowler – parts lists, 1958
Folder 10	Bally – Game #599 – Super Bowler – parts lists, 1958
Folder 11	Bally – Game #600 – Strike Bowler – parts lists, 1957
Folder 12	Bally – Game #601 – Skill Roll – parts lists, 1958
Folder 13	Bally – Game #602 – Target Roll – parts lists, 1957
Folder 14	Bally – Game #603 – Miss America – parts lists, 1957
Folder 15	Bally – Game #604 – [no title] – parts lists, 1958
Folder 16	Bally – Game #605 – Golf Champ – parts lists, 1958
Folder 17	Bally – Game #606 – Bally U.S.A. – parts lists, 1958
Folder 18	Bally – Game #607 – Trophy Bowler – parts lists, 1958
Folder 19	Bally – Game #608 – Cypress Gardens – parts list, 1958
Folder 20	Bally – Game #609 – Lite-A-Diamond – parts lists, 1958
Folder 21	Bally – Game #611 – Beach Time – parts lists, 1958
Folder 22	Bally – Game #612 – Lucky Alley – parts lists, 1958
Folder 23	Bally – Game #614 – Lucky Shuffle – parts lists, 1958
Folder 24	Bally – Game #614 – Star Shuffle – parts lists, 1958
Folder 25	Bally – Game #615 – Carnival Queen – parts lists, 1958
Folder 26	Bally – Game #616 – Skill Parade – parts lists, 1958
Folder 27	Bally – Game #617 – Speed Bowler – parts lists, 1958
Folder 28	Bally – Game #617A – Whiz Bowler – parts lists, 1958
Folder 29	Bally – Game #620 – Shuffle – parts lists, 1958
Folder 30	Bally – Game #621 – Club Bowler – parts lists, 1958
Folder 31	Bally – Game #623 – Sea Island – parts lists, 1959
Folder 32	Bally – Game #624 – Heavy Hitter – parts lists, 1959
Folder 33	Bally – Game #625 – Gun Smoke – parts lists, 1959
Folder 34	Bally – Game #626 – Jumbo – parts lists, 1959
Folder 35	Bally – Game #627 – De Luxe Club Bowler – parts lists, 1959
Box 12	
Folder 1	Bally – Game #628 – Ballerina – parts lists, 1959
Folder 2	Bally – Game #629 – Sportsman – parts lists, 1959
Folder 3	Bally – Game #631 – Moon Raider – parts lists, 1959
Folder 4	Bally – Game #632 – Pan American – parts lists, 1959
Folder 5	Bally – Game #634 – Fun-Way – parts lists, 1959
Folder 6	Bally – Game #634A – Lotta-Fun – parts lists, 1959
Folder 7	Bally – Game #635 – Batting Practice – parts lists, 1959
Folder 8	Bally – Game #637 – Challenger Bowling – parts lists, 1959
Folder 9	Bally – Game #639 – County Fair – parts lists, 1959
Folder 10	Bally – Game #640 – Targets – parts lists, 1959
Folder 11	Bally – Game #641 – Beauty Contest – parts lists, 1959
Folder 12	Bally – Game #642 – Monarch Bowler – parts lists, 1959 Bally – Game #643 – Score Brain – parts lists, 1960
Folder 13	Rause Leama #6/13 Neora Brain narte liete 1960

Folder 13 Bally – Game #643 – Score Brain – parts lists, 1960

Folder 14	Bally – Game #644 – [no title] – shortage lists, 1959
Folder 14 Folder 15	Bally – Game #645 – Bally Derby – parts lists, 1959
Folder 15 Folder 16	Bally – Game #646 – Beauty Queens – parts lists, 1959
Folder 17	
	Bally – Game #647 – Official Jumbo – parts lists, 1960
Folder 18	Bally – Game #648 – Laguna Beach – parts lists, 1960
Folder 19	Bally – Game #649 – Ball Park – parts lists, 1960
Folder 20	Bally – Game #650 – Tropic Queens – parts lists, 1960
Folder 21	Bally – Game #651 – Beach Queens – parts lists, 1960
Folder 22	Bally – Game #651 – Island Queens – parts lists, 1960
Folder 23	Bally – Game #652 – Funspot – parts lists, 1960
Folder 24	Bally – Game #653 – Skill Score – parts lists, 1960
Folder 25	Bally – Game #654 – Roller Derby – parts lists, 1960
Folder 26	Bally – Game #656 – Skill Derby – parts lists, 1960
Folder 27	Bally – Game #657 – Jamboree – parts lists, 1960
Folder 28	Bally – Game #658 – Deluxe Jumbo Bowler – parts lists, 1960
Folder 29	Bally – Game #659 – Touchdown – parts lists, 1960
Folder 30	Bally – Game #663 – Bally Bowler – parts lists, 1961
Folder 31	Bally – Game #664 – Super Jumbo – parts lists, 1960
Folder 32	Bally – Game #665 – Symphony – parts lists, 1960
Folder 33	Bally – Game #666 – Sharpshooter – parts lists, 1960
Folder 34	Bally – Game #667 – Circus Queen – parts lists, 1960
Folder 35	Bally – Game #668 – Lite A Line – parts lists, 1960
Folder 36	Bally – Game #669 – Acapulco – parts lists, 1961
Folder 37	Bally – Game #670 – Barrel of Fun '61 – parts lists, 1961
Folder 38	Bally – Game #671 – Marksman – parts lists, 1961
Folder 39	Bally – Game #672 – Super Jumbo '62 – parts lists, 1961
Folder 40	Bally – Game #674 – Bikini – parts lists, 1961
Folder 41	Bally – Game #675 – Can-Can – parts lists, 1961
Folder 42	Bally – Game #676 – Super Shuffle – parts lists, 1961
Folder 43	Bally – Game #677 – Barrel of Fun '62 – parts lists, 1961
Folder 44	Bally – Game #680 – Lido – parts lists, 1961
Folder 45	Bally – Game #682 – Shoot A Line – parts lists, 1962
Folder 46	Bally – Game #683 – Bank Ball – parts lists, 1961
Folder 47	Bally – Game #687 – The Twist – parts lists, 1962
Folder 48	Bally – Game #688 – Mold-A-Rama – parts lists, 1962
Folder 49	Bally – Game #690 – Deluxe Bally Bowler – parts lists, 1962
Folder 50	Bally – Game #691 – Bucky – parts lists, 1962
Folder 51	Bally – Game #693 – Fun Phone – parts lists, 1962
Folder 51	Bally – Game #695 – Moon Shot – parts lists, 1963
Folder 52	Bally – Game #696 – Table Hockey – parts lists, 1962
Folder 55	Bally – Game #697 – Spinner – parts lists, 1962
	Dung Gunde 1077 Sprinter parts 11505, 1702

Folder 1	Bally – Game #698 – Golden Gate – parts lists, 1962
----------	---

Folder 2Bally – Game #699 – Fun Spot '63 – parts lists, 1962

Folder 3 Bally – Game #701 – Big 7 Shuffle – parts lists, 1962

Folder 4	Bally – Game #706 – Cross Country – parts lists, 1963
Folder 5	Bally – Game #707 – Silver Sails – parts lists, 1963
Folder 6	Bally – Game #713 – Short-A-Line '63 – parts lists, 1962
Folder 7	Bally – Game #717 – Treble Chance – parts lists, 1962
Folder 8	Bally – Game #718 – Cue-Tease – parts lists, 1963
Folder 9	Bally – Game #720 – Super 8 Shuffle – parts lists, 1963
Folder 10	Bally – Game #724 – Lucky Numbers – parts lists, 1963
Folder 11	Bally – Game #728 – 3-in-Line – parts lists, 1963
Folder 12	Bally – Game #729 – Hootenanny – parts lists, 1963
Folder 12	Bally – Game #733 – Star Jet – parts lists, 1963
Folder 14	Bally – Game #734 – Bongo – parts lists, 1963
Folder 15	Bally – Game #735 – Super Treble Chance – parts lists, 1963
Folder 16	Bally – Game #736 – Lucky Seven – parts lists, 1963
Folder 17	Bally – Game #737 – Bounty – parts lists, 1963
Folder 18	Bally – Game #739 – Monte Carlo – parts lists, 1963
Folder 19	Bally – Game #740 – Deluxe Baby Bowler – parts lists, 1963
Folder 20	Bally – Game #740 – Deluxe Baby Bowler – parts lists, 1903 Bally – Game #741 – Lolly Dolly – parts lists, 1964
Folder 20 Folder 21	Bally – Game #741 – Lony Dony – parts lists, 1964 Bally – Game #742 – Money Honey – parts lists, 1964, 1978
Folder 21 Folder 22	
	Bally – Game #742A – Harrah's All Jackpot – parts lists, 1980 Bally – Came #744 – Mad World – parts lists, 1964
Folder 23	Bally – Game #744 – Mad World – parts lists, 1964
Folder 24	Bally – Game #745 – Sky Diver – parts lists, 1964
Folder 25	Bally – Game #746 – Rainbow Belle – parts lists, 1964
Folder 26	Bally – Game #747 – Grand Tour – parts lists, 1964
Folder 27	Bally – Game #747A – Happy Tour – parts lists, 1964
Folder 28	Bally – Game #748 – All the Way – parts lists, 1964
Folder 29	Bally – Game #749 – 2 in 1 – parts lists, 1964
Folder 30	Bally – Game #750 – Big Day – parts lists, 1964
Folder 31	Bally – Game #751 – Harvest – parts lists, 1964
Folder 32	Bally – Game #751A – Hay Ride – parts lists, 1964
Folder 33	Bally – Game #752 – Bus Stop – parts lists, 1964
Folder 34	Bally – Game #753 – Mazooma Bell – parts lists, 1964
Folder 35	Bally – Game #754 – Bull Fight – parts lists, 1964
Folder 36	Bally – Game #755 – Band Wagon – parts lists, 1965
Folder 37	Bally – Game #756 – Sheba – parts lists, 1964
Folder 38	Bally – Game #757 – Magic Circle – parts lists, 1965
Folder 39	Bally – Game #758 – Border Beauty – parts lists, 1965
Folder 40	Bally – Game #759 – Gold Award – parts lists, 1965
Folder 41	Bally – Game #760 – 50/50 – parts lists, 1965
Folder 42	Bally – Game #761 – 1965 Bally Bowler – parts lists, 1965
Folder 43	Bally – Game #762 – Beauty Beach – parts lists, 1965
Folder 44	Bally – Game #763 – Aces High – parts lists, 1965
Folder 45	Bally – Game #764 – Discotek – parts lists, 1965
Folder 46	Bally – Game #765 – Fun Cruise – parts lists, 1965
Folder 47	Bally – Game #765A – Gay Cruise – parts lists, 1965
Folder 48	Bally – Game #766 – Jolly Taverner – parts lists, 1965
Folder 49	Bally – Game #767 – Gold Cup – parts lists, 1965
	,

Folder 50	Bally – Game #768 – Trio – parts lists, 1965
Folder 51	Bally – Game #769 – Blue Ribbon – parts lists, 1965
Folder 52	Bally – Game #770 – Six Sticks – parts lists, 1965
Folder 53	Bally – Game #771 – Folies Bergeres – parts lists, 1965
Folder 54	Bally – Game #772 – Wild Wheels – parts lists, 1965
Folder 55	Bally – Game #773 – Jolly Joker – parts lists, 1965
Folder 56	Bally – Game #774 – New Jolly Taverner – parts lists, 1965
Folder 57	Bally – Game #776 – New Super Gold Award – parts lists, 1965
Box 14	
Folder 1	Bally – Game #777 – Gold Rush – parts lists, 1966
Folder 2	Bally – Game #778 – Loop the Loop – parts lists, 1965
Folder 3	Bally – Game #779 – Bulls Eye – parts lists, 1966
Folder 4	Bally – Game #780 – Super Jolly Taverner – parts lists, 1965
Folder 5	Bally – Game #781 – Bahama Beach – parts lists, 1966
Folder 6	Bally – Game #782 – Penny Belle – parts lists, 1966
Folder 7	Bally – Game #783 – Sir Prize – parts lists, 1966
Folder 8	Bally – Game #784 – Lucky Joker – parts lists, 1966
Folder 9	Bally – Game #785 – Progressive Slots – parts lists, 1968, 1978
Folder 10	Bally – Game #786 – Campus Queen – parts lists, 1966
Folder 11	Bally – Game #787 – Coin Changer – parts lists, 1966
Folder 12	Bally – Game #788 – Six Shooter – parts lists, 1966
Folder 13	Bally – Game #791 – Side-by-Side – parts lists, 1966
Folder 14	Bally – Game #792 – Bazaar – parts lists, 1966
Folder 15	Bally – Game #793 – Deluxe Gold Cup – parts lists, 1966
Folder 16	Bally – Game #794 – Motorized – parts lists, 1966
Folder 17	Bally – Game #795 – Extra Stout – parts lists, 1966
Folder 18	Bally – Game #796 – Deluxe Fun Cruise – parts lists, 1966
Folder 19	Bally – Game #797 – Capersville – parts lists, 1966
Folder 20	Bally – Game #798 – Zodiac – parts lists, 1966
Folder 21	Bally – Game #799 – Safari – parts lists, 1966
Folder 22	Bally – Game #800 – Rocket III – parts lists, 1967
Folder 23	Bally – Game #801 – Penny Star – parts lists, 1967
Folder 24	Bally – Game #802 – Quick Draw [variants] – parts lists, 1967, 1978
Folder 25	Bally – Game #804 – Big Apple – parts lists, 1967
Folder 26	Bally – Game #805 – Orient – parts lists, 1967
Folder 27	Bally – Game #808 – Double Up [variants] – parts lists, 1978, 1980
Folder 28	Bally – Game #809 – 5 Coin Mult. [variants] – parts lists, 1978, 1983
Folder 29	Bally – Game #810 – The Wiggler – parts lists, 1967
Folder 30 Folder 31	Bally – Game #811 – Surfers – parts lists, 1967 Bally – Game #812 – World Cup Soccer – parts lists, 1967
	Bally – Game #812 – World Cup Soccer – parts lists, 1967 Bally – Game #813 – Boot A Ball – parts lists, 1967
Folder 32 Folder 33	Bally – Game #813 – Boot-A-Ball – parts lists, 1967 Bally – Game #814 – Dogie – parts lists, 1967
Folder 33 Folder 34	Bally – Game #814 – Dogle – parts lists, 1967 Bally – Game #815 – Liberty Bell – parts lists, 1968, 1978-1979
Folder 34	Bally – Game #816 – Reel Deal – parts lists, 1967-1968, 1978
Folder 36	Bally – Game #817 – Dixieland – parts lists, 1967-1968, 1978
	$\mathbf{D}_{\mathbf{H}}$

Folder 36 Bally – Game #817 – Dixieland – parts lists, 1968

Folder 37	Bally – Game #818 – Deluxe Sir Prize – parts lists, 1967
Folder 38	Bally – Game #820 – Camelot [variants] – parts lists, 1968
Folder 39	Bally – Game #821 – Rock Makers – parts lists, 1968
Folder 40	Bally – Game #822 – Big Wheel – parts lists, 1968
Folder 41	Bally – Game #823 – Mini Zag – parts lists, 1968
Folder 42	Bally – Game #825 – Cosmos – parts lists, 1968
Folder 43	Bally – Game #826 – Two of a Kind – parts lists, 1968
Folder 44	Bally – Game #827 – Super Seven – parts lists, 1968
Folder 45	Bally – Game #828 – Pounds of Jackpots – parts lists, 1968
Folder 46	Bally – Game #829 – English All Jackpots – parts lists, 1968
Folder 47	Bally – Game #830 – Golden Crown – parts lists, 1968
Folder 48	Bally – Game #831 – 3 Line Pay – parts lists, 1982
Folder 49	Bally – Game #832 – Kaye Baseball – parts lists, 1968
Folder 50	Bally – Game #833 – Op-Pop-Pop – parts lists, 1968
Folder 51	Bally – Game #834 – Joker – parts lists, 1968
Folder 52	Bally – Game #836 – 1969 Bally Bowler – parts lists, 1968
Folder 53	Bally – Game #837 – Windsor Castle [variants] – parts lists, 1968
Folder 54	Bally – Game #838 – Gator – parts lists, 1968
Folder 55	Bally – Game #839 – Magic Ring – parts lists, 1968
Folder 56	Bally – Game #840 – On Beam – parts lists, 1969
Folder 57	Bally – Game #841 – Venice – parts lists, 1968
Folder 58	Bally – Game #842 – Las Vegas – parts lists, 1968
Folder 59	Bally – Game #843 – Golden Crown – parts lists, 1968
Folder 60	Bally – Game #844 – Lucky Draw – parts lists, 1968
Folder 61	Bally – Game #845 – Reel Deal – parts lists, 1968
Box 15	
Folder 1	Bally – Game #846 – Penny Queen – parts lists, 1969
Folder 2	Bally – Game #847 – Continental [variants] – parts lists, 1969, 1978-1980
Folder 3	Bally – Game #848 – Big Apple – parts lists, 1968
Folder 4	Bally – Game #849 – Joust – parts lists, 1969
Folder 5	Bally – Game #850 – Super Las Vegas – parts lists, 1968
Folder 6	Bally – Game #851 – Treasure Chest – parts lists, 1969
Folder 7	Bally – Game #853 – London – parts lists, 1969
Folder 8	Bally – Game #854 – Bally Hoo 1969 – parts lists, 1969
Folder 9	Bally – Game #855 – Standard – parts lists, 1969
Folder 10	Bally – Game #856 – Poker (Sweden) – parts lists, 1969, 1974-1975
Folder 11	Bally – Game #857 – King Tut – parts lists, 1969
Folder 12	Bally – Game #858 – King Rex – parts lists, 1969
Folder 13	Bally – Game #859 – Duck Shoot – parts lists, 1969
Folder 14	Bally – Game #860 – Apollo Ball – parts lists, 1970
Folder 15	Bally – Game #861 – Bally 5 Coin Mult. – parts lists, 1978
Folder 16	Bally – Game #862 – 3 Line Pay – parts lists, 1969
Folder 17	Bally – Game #863 – 5 Coin Multiple Slot – parts lists, 1969
Folder 18	Bally – Game #864 – Progressive – parts lists, 1969
Folder 19	Bally – Game #865 – Double Up – parts lists, 1969

Folder 19 Bally – Game #865 – Double Up – parts lists, 1969

Folder 20	Bally – Game #866 – Galahad 1969 – parts lists, 1969
Folder 21	Bally – Game #867 – Camelot 1969 – parts lists, 1969
Folder 22	Bally – Game #868 – Safari – parts lists, 1970
Folder 23	Bally – Game #869 – Fire Dance – parts lists, 1969
Folder 24	Bally – Game #870 – Bowl-O – parts lists, 1970
Folder 25	Bally – Game #872 – Two for the Money – parts lists, 1970
Folder 26	Bally – Game #873 – 5 Line Pay [variants] – parts lists, 1980, 1982
Folder 27	Bally – Game #874 – Zip-A-Doo – parts lists, 1970
Folder 28	Bally – Game #875 – See-Saw – parts lists, 1970
Folder 29	Bally – Game #876 – Space Shoot/Quick Draw – parts lists, 1970
Folder 30	Bally – Game #877 – Space Flight – parts lists, 1970
Folder 31	Bally – Game #878 – Bally 3 Line Pay – parts lists, 1976
Folder 32	Bally – Game #879 – Trail Drive – parts lists, 1970
Folder 33	Bally – Game #880 – Big Valley – parts lists, 1970
Folder 34	Bally – Game #881 – Vampire – parts lists, 1970
Folder 35	Bally – Game #882 – Race Day – parts lists, 1970
Folder 36	Bally – Game #883 – Bally Arrow-Line – parts lists, 1970
Folder 37	Bally – Game #886 – Joker Wild – parts lists, 1970
Folder 38	Bally – Game #888 – Bally 5 Line Pay – parts lists, 1970
Folder 39	Bally – Game #889 – 3 Line Progressive – parts lists, 1978
Folder 40	Bally – Game #890 – 4 Queens – parts lists, 1970
Folder 41	Bally – Game #891 – Super Continental [variants] – parts lists, 1970-1980
Folder 42	Bally – Game #892 – Super Line [variants] – parts lists, 1970-1980 Bally – Game #892 – Super Line [variants] – parts lists, 1972-1979
Folder 43	Bally – Game #893 – Lucky 7 – parts lists, 1970
Folder 44	Bally – Game #894 – Target Tunnel – parts lists, 1970
Folder 45	Bally – Game #895 – Firecracker – parts lists, 1970
Folder 46	Bally – Game #896 – Skyrocket – parts lists, 1971
Folder 47	Bally – Game #897 – Expressway – parts lists, 1971
Folder 48	Bally – Game #898 – Bali-Hi – parts lists, 1971
Folder 49	Bally – Game #899 – Sea Ray – parts lists, 1971
Folder 50	Bally – Game #900 – Target Zero – parts lists, 1971
101401 50	Durig Sume 1900 Turget Zero putto hoto, 1971
Box 16	
Folder 1	Bally – Game #901 – Royal Castle – parts lists, 1970
Folder 2	Bally – Game #902 – Bally Bonus Line [variants] – parts lists, 1970-1980
Folder 3	Bally – Game #903 – Mustang – parts lists, 1971, 1978-1979
Folder 4	Bally – Game #904 – Double Up – parts lists, 1971
Folder 5	Bally – Game #906 – 4 Million B.C. – parts lists, 1971
Folder 6	Bally – Game #907 – El Toro – parts lists, 1971
Folder 7	Bally – Game #908 – Double Liner with Target Tunnel – parts lists, 1971
Folder 8	Bally – Game #909 – Bonus 7 – parts lists, 1971
Folder 9	Bally – Game #910 – Lucky Bars [variants] – parts lists, 1971, 1975-1979
Folder 10	Bally – Game #911 – Time Tunnel – parts lists, 1971
Folder 11	Bally – Game #913 – Stockmarket – parts lists, 1971
Folder 12	Bally – Game #914 – Road-Runner – parts lists, 1971
Folder 12	Polly Come #015 The Ded May marter lists 1071

Folder 13 Bally – Game #915 – The Red Max – parts lists, 1971

Folder 14	Bally – Game #917 – Extra Line Continental – parts lists, 1971, 1975
Folder 15	Bally – Game #918 – Swedish Mustang – parts lists, 1971
Folder 16	Bally – Game #920 – Twin Win – parts lists, 1974-1975
Folder 17	Bally – Game #922 – 5 Line Progressive – parts lists, 1976
Folder 18	Bally – Game #923 – Round Up – parts lists, 1972
Folder 19	Bally – Game #924 – Double Up Bingo – parts lists, 1972
Folder 20	Bally – Game #925 – Odds & Evens – parts lists, 1972-1975
Folder 21	Bally – Game #927 – Little Joe – parts lists, 1972
Folder 22	Bally – Game #928 – Swedish Circus – parts lists, 1972
Folder 23	Bally – Game #929 – Bally Bingo Continental – parts lists, 1972, 1978
Folder 24	Bally – Game #930 – Mariner – parts lists, 1971
Folder 25	Bally – Game #931 – Circus – parts lists, 1978
Folder 26	Bally – Game #932 – Bally Add-A-Line [variants] – parts lists, 1971-1979
Folder 27	Bally – Game #933 – Photo Finish – parts lists, 1971
Folder 28	Bally – Game #934 – Hill Climb – parts lists, 1972
Folder 29	Bally – Game #935 – Reel Dice – parts lists, 1972
Folder 30	Bally – Game #937 – Lucky Twins [variants] – parts lists, 1972-1982
Folder 31	Bally – Game #938 – Ticker Tape – parts lists, 1972-1982
Folder 31 Folder 32	
	Bally – Game #939 – Time Zone – parts lists, 1973-1975
Folder 33	Bally – Game #940 – Nip-It – parts lists, 1973-1975
Folder 34	Bally – Game #941 – Bally Circus – parts lists, 1972
Folder 35	Bally – Game #942 – Reel Dice [variants] – parts lists, 1972, 1978
Folder 36	Bally – Game #943 – Fore – parts lists, 1973
Folder 37	Bally – Game #944 – Super Dice – parts lists, 1974
Folder 38	Bally – Game #945 – Lady Luck/Jackpots Galore [variants] – parts lists, 1972-
	1978
Folder 39	Bally – Game #948 – Whirl-A-Way – parts lists, 1972
Folder 40	Bally – Game #949 – Twin Lightning [variants] – parts lists, 1973-1978
Folder 41	Bally – Game #950 – Big Shot – parts lists, 1978
Folder 42	Bally – Game #951 – Twin Joker – parts lists, 1974
Folder 43	Bally – Game #953 – Space Time – parts lists, 1972
Folder 44	Bally – Game #954 – Sub Pack – parts lists, 1972
Folder 45	Bally – Game #955 – 5 Line Pay [variants] – parts lists, 1973-1979
Folder 46	Bally – Game #956 – 5 Coin Mult. [variants] – parts lists, 1977-1979
Box 17	
Folder 1	Bally – Game #957 – Super Line Prog. – parts lists, 1978
Folder 2	Bally – Game #959 – Fun Fair – parts lists, 1974
Folder 3	Bally – Game #959-1 – Silver Wheels – parts lists, 1974
Folder 4	Bally – Game #960 – Club Ambassador – parts lists, 1974
Folder 5	Bally – Game #960-2 – Embassy Club – parts lists, 1974
Folder 6	Bally – Game #961 – Swedish Las Vegas III – parts lists, 1972-1975
Folder 7	Bally – Game #962 – 3 Line Pay [variants] – parts lists, 1975-1981
Folder 8	Bally – Game #963 – Bally Wild – parts lists, 1978
Folder 9	Bally – Game #964 – Monte Carlo – parts lists, 1973-1975
Folder 10	Bally – Game #965-2 – Golden Wheels – parts lists, 1974

Folder 11	Bally – Game #966 – Bally Alley – parts lists, 1973
Folder 12	Bally – Game #966-1 – Bally Lane – parts lists, 1973
Folder 13	Bally – Game #967 – Jackpots Galore – parts lists, 1978
Folder 14	Bally – Game #968 – Bally Super Bars – parts lists, 1974
Folder 15	Bally – Game #969 – Bally Deluxe Super Bars – parts lists, 1974
Folder 16	Bally – Game #970 – Hawaii Bingo – parts lists, 1974
Folder 17	Bally – Game #971 – Golden Joker – parts lists, 1978
Folder 18	Bally – Game #973 – Wild Bars – parts lists, 1974
Folder 19	Bally – Game #978 – Circus – parts lists, 1973-1975
Folder 20	Bally – Game #979 – Lucky Wheels – parts lists, 1974
Folder 21	Bally – Game #981 – Hi-Lo Ace– parts lists, 1973-1975
Folder 22	Bally – Game #983 – Super 7 – parts lists, 1978
Folder 23	Bally – Game #983-1 – Super Aces – parts lists, 1978
Folder 24	Bally – Game #984 – Big Shots [variants] – parts lists, 1977-1978
Folder 25	Bally – Game #985 – Big Show – parts lists, 1974
Folder 26	Bally – Game #987 – Champ – parts lists, 1974
Folder 27	Bally – Game #988 – 3 Line Prog. [variants] – parts lists, 1974-1980
Folder 28	Bally – Game #989 – Pays-A-Plenty [variants] – parts lists, 1974-1979
Folder 29	Bally – Game #992 – Double Up – parts lists, 1978
Folder 30	Bally – Game #993 – Amigo – parts lists, 1974
Folder 31	Bally – Game #995 – Sky Kings – parts lists, 1974
Folder 32	Bally – Game #997 – Delta Queen – parts lists, 1974
Folder 33	Bally – Game #999 – Jumbo – parts lists, 1974
Folder 34	Bally – Game #1002 – Tivoli – parts lists, 1978
Folder 35	Bally – Game #1003 – Ro Go – parts lists, 1974
Folder 36	Bally – Game #1004 – Super Multiplier – parts lists, 1978
Folder 37	Bally – Common Parts Lists (3 Reel Slot Machine), 1972

Box 107

- Bally Spinner gate bracket and wire assy., 1977 Folder 1
- Bally Logo, 1982 Folder 1
- Bally Part diagram for ball kicker, 1947 Folder 2

Map Case 2

Drawer 11

Folder 6	Bally – Variety relay	bank diagram, 1939
----------	-----------------------	--------------------

Series II: Midway records, 1966-1986

Series II: Mi	idway records, 1966-1986
	Scope and Content Note: This series contains game documentation created and maintained by Midway Manufacturing Co., which merged with Bally's pinball division in 1982 to become Bally/Midway Manufacturing. Bills of materials, product structure forms, and/or parts lists consist of parts numbers and brief descriptions for each product; each game (or other project) was assigned a number by Midway prior to development, and this is noted in parentheses following the title. Any diagrams noted in this series are diagrams of parts or other project components (<i>not</i> artwork or sketches of final pinball machines).
	This series is arranged alphabetically by project title, with separate parts projects housed toward the end of the series.
Box 18	
Folder 1	Midway – 18-Wheeler (653) – product structure forms, parts lists, diagrams, vendor forms; 1978-1979
Folder 2	Midway – Arlington Racer/Laguna Racer (622) – product structure forms, vendor forms; 1977-1985
Folder 3	Midway – Asteroid (571) – bills of materials, 1973 [?], 1978
Folder 4	Midway – Ball Park (589) – bills of materials, n.d. [c. 1974]
Folder 5	Midway – Bally Home Arcade (620) – product structure forms, diagrams, vendor forms, QC reports; 1977-1980
Folder 6	Midway – Baseball C.T. (607) – bills of materials, n.d. [c. 1976]
Folder 7	Midway – Baseball C.T. (761/889) – diagrams, product structure forms, parts lists; 1978-1980
Folder 8	Midway – Basketball (582) – bills of materials, n.d. [c. 1974]
Folder 9	Midway – Basketball Arcade 1979 (800) – bills of materials, n.d. [c. 1979]
Folder 10	Midway – Blue Shark (742) – diagrams, bills of materials, parts lists; 1978
Folder 11	Midway – Boot Hill (612) – bills of materials, 1977
Folder 12	Midway – Bowler C.T. (749) – product structure forms, parts lists, diagrams; 1979
Folder 13	Midway – Bowling Alley (730) – product structure forms, bills of materials; 1978
Folder 14	Midway – Capt'n Kid (535) – insulator diagram, 1966
Folder 15	Midway – Catch 40/Tight Rope (777) – bills of materials, parts lists; 1979-1980
Folder 16	Midway – Check Mate (615) – bills of materials, diagrams, vendor forms; 1976- 1980
Folder 17	Midway – Checkmate C.T. / Ms. Pac-Man conversion (617) – bills of materials, diagrams; 1977, 1982
Folder 18	Midway – Clowns (630) – product structure forms, diagrams, vendor forms; 1977-1978
Folder 19	Midway – Combat (626) – product structure forms, 1977
Folder 20	Midway – Double Play (619) – bills of materials, 1977
Folder 21	Midway – Dune Buggy (552) – diagrams, vendor quality history forms, parts lists; 1971, 1983-1986
Folder 22	Midway – Earthfriends (688) – bills of materials, 1983
Folder 23	Midway – Firebird (720) – product structure forms, bills of materials, diagrams;

Folder 23 Midway – Firebird (720) – product structure forms, bills of materials, diagrams; 1979

Box 19	
Folder 1	Midway – Frisky Tom (562) – diagrams, 1981
Folder 2	Midway – Goal Tender (566) – bills of materials, 1973
Folder 3	Midway – Golf Champ (561) – bills of materials, memos, instructions; n.d. [c. 1972]
Folder 4	Midway – Guided Missile (623) – bills of materials, product structure forms, diagrams; 1977-1986
Folder 5	Midway – Gun Fight (597) – bills of materials, product structure lists; 1975-1978
Folder 6	Midway – Gun Fight C.T. (604) – bills of materials, 1976
Folder 7	Midway – Gun Fight Winner (567) – bills of materials, change forms, diagrams, approval forms; 1983
Folder 8	Midway – Helicopter/Chopter/Chopper (583) – bills of materials, n.d. [c. 1974]
Folder 9	Midway – Helicopter (600) – bills of materials, 1968
Folder 10	Midway – Leader (575) – bills of materials, 1973
Folder 11	Midway – Lucky Strike (590) – bills of materials, n.d. [c. 1975]
Folder 12	Midway – Maze (611) – bills of materials, 1977
Folder 13	Midway – Maze C.T. (613) – bills of materials, diagrams; 1976
Folder 14	Midway – Midnight Racer (610) – bills of materials, diagrams, vendor forms, inspection forms; 1976-1984
Folder 15	Midway – Panzer Attack (586) – bills of materials, parts lists, diagrams; 1974, 1978
Folder 16	Midway – Phantom II (652) – product structure forms, bills of materials, parts lists, diagrams; 1979-1980
Folder 17	Midway – Playtime (577) – bills of materials, 1974
Folder 18	Midway – Racer (592) – bills of materials, n.d. [c. 1975]
Folder 19	Midway – Road Runner (618) – bills of materials, vendor forms; 1977
Folder 20	Midway – Sea Wolf (596) – bills of materials, parts lists; 1976
Folder 21	Midway – Space Encounters/Tunnel (645) – vendor forms, diagrams, QC forms, bills of materials, parts lists; 1978-1984
Box 20	
Folder 1	Midway – Space Invaders/Space Things (739) – product structure forms, parts lists, vendor forms, diagrams; 1978-1980
Folder 2	Midway – Space Invaders Deluxe (082) – bills of materials, 1980
Folder 3	Midway – Sports Man (568) – bills of materials, parts lists; 1973
Folder 4	Midway – Star Wars (629) – diagrams, QC reports, status forms, vendor forms; 1977-1984
Folder 5	Midway – Super Speed Race (762) – diagrams, product structure forms, bills of materials, parts lists; 1979-1980
Folder 6	Midway – Table Tennis (560) – bills of materials, n.d. [c. 1970s?]
Folder 7	Midway – Top Gun (603) – bills of materials, vendor forms, diagrams; 1976
Folder 8	Midway – Tornado Baseball (605) – bills of materials, parts lists, QC reports, vendor forms, diagrams; 1976
Folder 9	Midway – Trophy Race (624) – product structure forms, vendor forms, diagrams; 1977-1981
Folder 10	Midway – TV Flipper (588) – bills of materials, 1974

Folder	11	Midway – Twin Pirate Gun (569) – bills of materials, n.d. [c. 1973]
Folder	12	Midway – Video Shuffle (643) – product structure forms, diagrams, vendor
		forms; 1978-1981
Folder	13	Midway – Wheels (591) – diagrams, bills of materials, approval forms; 1975-
		1982
Folder	14	Midway – Wheels II (594) – bills of materials, 1975
Folder	15	Midway – Whirly Bird (601) – bills of materials, 1969
Folder	16	Midway – Winner IV (572) – bills of materials, 1973
Folder	17	Midway – Americoin Controls (608) – bills of materials, 1976
D 11	10	

Folder 18 Midway – Interface adaptor (664) – product structure forms, bills of materials; 1980

Map Case 2

Drawer 11

Folder 6	Midway – Space	e Invaders C.T.	pedestal diagram,	1979
----------	----------------	-----------------	-------------------	------

Folder 6 Midway – Midnight Marauder trigger housing diagram, 1983

Series III: Williams records, 1946-2000

Scope and Content Note: This series houses game documentation created and maintained by Williams throughout the course of its existence as a major American pinball producer. Williams Manufacturing Co. was established in 1943. In late 1958, Williams Manufacturing became known as Williams Electronic Manufacturing Co. From 1974 until 1986, the company operated as Williams Electronics, Inc. (which was incorporated as a wholly owned subsidiary of Seeburg Corp. but later sold as an independent company in 1980). In 1987, Williams changed its parent name to WMS Industries, Inc., acquiring competitor Bally/Midway the following year.

The subseries within this series are arranged according to company name. Documentation from Williams Manufacturing Co. in Subseries A covers the course of that company's operation from 1943-1973; Subseries B encompasses Williams Electronics, Inc. from 1974-1986; and Subseries C comprises WMS Industries, Inc. (incorporating Bally/Midway) from 1987-2000. Additional materials outside of these specific date ranges are also included with each subseries, as originally retained within project folders.

Subseries A: Williams Manufacturing Co., 1946-1974

Scope and Content Note: This subseries contains project files created and maintained by staff of Williams Manufacturing Company from 1946-1974. (Though the company was established in 1943 by Harry E. Williams, the earliest documentation in this collection from Williams is dated 1946.)

Designers of playfield drawings, as denoted by signatures or initials on the pages, include Harry E. Williams ("H.E.W."), Gordon Horlick ("GTH"), and Harry Mabs ("HJMabs" or "HMabs"). Other documentation involves wiring diagrams, bills of materials, project schedules, correspondence, parts lists, reports, notices, memos, and other related information. Date range estimates for undated materials are given in brackets in the folder title; alternate titles indicated on parts lists are also given in brackets. Any diagrams noted in this subseries are diagrams of parts or other project components (*not* cabinet artwork or sketches of final pinball machines). Box 107 contains larger playfield drawings not originally maintained with the files in Boxes 21-65. Oversized drawings are housed flat in oversized folders within a map case drawer.

This subseries is arranged chronologically by project number.

Folder 1	Williams – Game #1 – Suspense – wiring diagrams, weekly material reports;
	1946
Folder 2	Williams – Game #2 – Dynamite – parts lists, weekly material reports, notes, schedules; 1946
Folder 3	Williams – Game #3 – Amber – notes, parts lists, schedule, correspondence; 1946-1947

Folder	4	Williams – Game #4 – Smarty – correspondence, notes, bills of materials, schedules, parts lists; 1946-1947
Folder	5	Williams – Game #5 – Showgirl – wiring diagrams, production schedules, notes,
Folder	6	bills of materials; 1947 Williams – Game #6 – Tornado – notes, wiring diagrams, project schedules, bills of materials; 1947
Folder	7	Williams – Game #7 – Cyclone – project schedules, notes, bills of materials, wiring diagrams; 1947
Folder	8	Williams – Game #8 – Torchy – bills of materials, notes, project schedules, correspondence, wiring diagrams; 1947
Folder	9	Williams – Game #9 – Flamingo – bills of materials, notes, project schedules, correspondence, wiring diagrams; 1947
Folder	10	Williams – Game #10 – All Star – notes, bills of materials, project schedules, wiring diagrams; 1947
Box 22	2	
Folder	1	Williams – Game #11 – Ginger – wiring diagrams, bills of materials, notes, project schedules, correspondence, change notices; 1947
Folder	2	Williams – Game #12 – Bonanza – wiring diagrams, notes, bills of materials, change notices, correspondence; 1947
Folder	3	Williams – Game #13 – Box Score – project schedules, notes, bills of materials, change notices; 1947
Folder	4	Williams – Game #14 – Sunny – notes, bills of materials, change notices, correspondence, playtest forms; 1947-1948
Folder	5	Williams – Game #15 – Stormy – wiring diagrams, notes, parts lists, playtest forms, correspondence; 1946-1948, 1956
Folder	6	Williams – Game #16 – Tennessee – notes, sketches, wiring diagrams, bills of materials, change notices; 1947-1948
Folder	7	Williams – Game #17 – Virginia – sketches, notes, change forms, bills of materials, wiring diagrams; 1948
Box 23	3	
Folder	1	Williams – Game #18 – Yanks – wiring diagrams, notes, bills of materials, change notices, playtest forms, schedules; 1948
Folder	2	Williams – Game #19 – Dew-A-Ditty/Dew-Wa-Ditty – sketches, notes, wiring diagrams, playtest forms, bills of materials; 1948
Folder	3	Williams – Game #20 – Gizmo – wiring diagrams, notes, bills of materials, playtest forms, correspondence, sketches; 1948
Folder	4	Williams – Game #21 – Speedway – wiring diagrams, bills of materials, notes, sketches, playtest forms; 1948
Folder	5	Williams – Game #22 – Rainbow – wiring diagrams, notes, sketches, bills of materials, playtest forms; 1948
Folder	6	Williams – Game #23 – Saratoga – wiring diagrams, notes, parts sketches, bills of materials, playtest forms; 1948
Folder	7	Williams – Game #24 – El Paso – notes, sketches, wiring diagrams, bills of materials, playtest forms; 1948

Folder 8	Williams – [unidentified project number] – New Orleans – parts diagrams, 1948
Box 24	
Folder 1	Williams – Game #25 – Tucson – notes, sketches, wiring diagrams, bills of materials, playtest forms; 1948
Folder 2	Williams – Game #26 – Dallas – notes, sketches, bills of materials, wiring diagrams, playtest forms; 1949
Folder 3	Williams – Game #27 – St. Louis – notes, sketches, instruction drafts, wiring diagrams, playtest forms; 1949
Folder 4	Williams – Game #28 – Maryland [Carolina?] – notes, sketches, wiring diagrams, playtest forms; 1949
Folder 5	Williams – Game #29 – Boston – notes, sketches, playtest forms, bills of materials, memos, wiring diagrams; 1949
Folder 6	Williams – Game #30 – Star Series – sketches, notes, wiring diagrams, bills of materials; 1949
Folder 7	Williams – Game #31 – Freshie [Vermont?] – notes, sketches, bills of materials, wiring diagrams, change notices, playtest forms; 1949
Folder 8	Williams – Game #32 – Quarterback – notes, sketches, playtest forms, change notices, wiring diagrams, bills of materials; 1949
Folder 9	Williams – Game #33 – De-Icer – notes, diagrams, wiring diagrams, change notices, playtest forms, bills of materials; 1949
Box 25	
Folder 1	Williams – Game #34 – Twin Shuffle – notes, sketches, wiring diagrams, bills of materials, draft operations manual; 1949
Folder 2	Williams – Game #35 – Bowler – notes, parts lists, sketches; 1950
Folder 3	Williams – Game #36 – Dreamy – notes, sketches, wiring diagrams, bills of materials, playtest forms; 1949-1950
Folder 4	Williams – Game #37 – Deluxe Bowler – notes, sketches, wiring diagrams, bills of materials; 1950
Folder 5	Williams – Game #38 – Sweet-Heart [Valentine] – notes, sketches, wiring diagrams, playtest forms; 1949-1950
Folder 6	Williams – Game #39 – Lucky Inning – notes, sketches, wiring diagrams, bills of materials, playtest forms; 1950
Folder 7	Williams – Game #40 – Georgia [Broadway] – notes, drawings, wiring diagrams, bills of materials, playtest forms; 1950
Box 26	
Folder 1	Williams – Game #41 – Double Header – notes, sketches, bills of materials, wiring diagrams, memos; 1950
Folder 2	Williams – Game #42 – Pinky – notes, sketches, wiring diagrams, bills of materials, playtest forms; 1950
Folder 3	Williams – Game #43 – Rag Mop [La Paz] – notes, sketches, wiring diagrams, bills of materials, QC forms, playtest forms; 1950

Folder	4	Williams – Game #44 – Nifty – notes, sketches, wiring diagrams, bills of materials, playtest forms; 1950
Folder	5	Williams – Game #45 – Music Mite – notes, sketches, wiring diagrams, instruction drafts, reference; 1950-1951
Folder	6	Williams – Game #46 – Shoo-Shoo – notes, sketches, wiring diagrams, bills of materials, process sheets; 1951
Box 27		
Folder	1	Williams – Game #47 – Super World Series – notes, sketches, wiring diagrams; 1951
Folder	2	Williams – Game #48 – Sweet 16 – notes, sketches, wiring diagrams; 1950-1951
Folder	3	Williams – Game #49 – Control Tower – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1951
Folder	4	Williams – Game #50 – Harvey – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1951
Folder	5	Williams – Game #51 – 5 Player Bowling – notes, sketches, wiring diagrams, bills of materials; 1951
Folder	6	Williams – Game #52 – Arcade – notes, sketches, wiring diagrams, playtest forms; 1951
Folder	7	Williams – Game #53 – Snooks – notes, sketches, wiring diagrams, bills of materials; 1951
Folder	8	Williams – Game #55 – Hayburner – notes, sketches, wiring diagrams, bills of materials, game labels, instructions; 1951

Williams – Game #56 – Nags – notes, sketches, wiring diagrams; 1951
Williams – Game #57 – Jalopy – notes, sketches, wiring diagrams; 1951
Williams – Game #58 – Spark Plugs – notes, sketches, wiring diagrams; 1951
Williams – Game #59 – Shoot the Moon – notes, sketches, wiring diagrams,
playtest forms; 1951
Williams – Game #60 – Sea Jockey – notes, sketches, wiring diagrams; 1951
Williams – Game #61 – Hoss Feathers – notes, sketches, wiring diagrams; 1951
Williams – Game #62 – Daffy Derby – notes, sketches, wiring diagrams, bills of
materials; 1951

2011 22	
Folder 1	Williams – Game #63 – Horse Shoes – notes, sketches, wiring diagrams; 1951
Folder 2	Williams – Game #64 – 8 Ball – notes, sketches, wiring diagrams; 1951
Folder 3	Williams – Game #66 – Parlay – notes, sketches, wiring diagrams; 1951
Folder 4	Williams – Game #67 – Sportsman – notes, sketches, wiring diagrams; 1952
Folder 5	Williams – Game #68 – Majorettes – notes, sketches, wiring diagrams; 1952
Folder 6	Williams – Game #69 – Majorettes 2nd – notes, sketches, wiring diagrams; 1952
Folder 7	Williams – Game #70 – Slugfest – notes, sketches, wiring diagrams, inserts; 1952
Folder 8	Williams – Game #71 – Olympics – notes, sketches, wiring diagrams; 1952
Folder 9	Williams – Game #72 – Domino – notes, sketches, wiring diagrams; 1952
Folder 10	Williams – Game #73 – Handicap – notes, sketches, wiring diagrams; 1952

Folder 11 Folder 12	Williams – Game #74 – Caravan – notes, sketches, wiring diagrams; 1952 Williams – Game #75 – Long Beach – notes, sketches, wiring diagrams, bills of materials; 1952
Folder 13	Williams – Game #76 – Paratrooper – notes, sketches, wiring diagrams; 1952
Folder 14	Williams – Game #77 – Hong Kong – notes, sketches, wiring diagrams; 1952
Folder 15	Williams – Game $\#77$ – Hong Rong – Hotes, sketches, wring diagrams; 1952 Williams – Game $\#78$ – 4 Corners – notes, sketches, wiring diagrams; 1952
	Williams – Game #79 – 4 Conters – notes, sketches, wring diagrams, 1952 Williams – Game #79 – Bulls Eye – notes, sketches, wiring diagrams; 1952
Folder 16	winnams – Game #79 – Buns Eye – notes, sketches, wiring diagrams, 1952
Box 30	
Folder 1	Williams – Game #80 – Disk Jockey [Disc Jockey] – notes, sketches, wiring diagrams; 1952
Folder 2	Williams – Game #81 – Fairway – notes, sketches, wiring diagrams; 1952-1953
Folder 3	Williams – Game #82 – Twenty Grand – notes, sketches, wiring diagrams; 1952
Folder 4	Williams – Game #83 – Starlite – notes, sketches, wiring diagrams; 1952
Folder 5	Williams – Game #84 – Times Square – notes, sketches, wiring diagrams; 1952- 1953
Folder 6	Williams – Game #85 – Silver Skates – notes, sketches, wiring diagrams; 1952- 1953
Folder 7	Williams – Game #86 – Grand Champion – notes, sketches, wiring diagrams; 1953
Folder 8	Williams – Game #87 – Palisades – notes, sketches, wiring diagrams; 1953
Folder 9	Williams – Game #88 – Deluxe Baseball – notes, sketches, wiring diagrams; 1953
Folder 10	Williams – Game #89 – Star Baseball – notes, sketches, wiring diagrams; 1953
Folder 11	Williams – Game #90 – C.O.D. – notes, sketches, wiring diagrams; 1953
Folder 12	Williams – Game #91 – Gun Club – notes, sketches, wiring diagrams; 1953
Folder 13	Williams – Game #92 – Struggle Buggies – notes, sketches, wiring diagrams;
101401 10	1953
Folder 14	Williams – Game #93 – Special Deluxe Baseball – notes, sketches, wiring
F 11 45	diagrams; 1953
Folder 15	Williams – Game #94 – Pennant Baseball – notes, sketches, wiring diagrams; 1953
Folder 16	Williams – Game #95 – Army-Navy – notes, sketches, wiring diagrams; 1953
Box 31	
Folder 1	Williams – Game #96 – Lazy Q – notes, sketches, wiring diagrams, bills of materials; 1953
Folder 2	Williams – Game #97 – 9 Sisters – notes, sketches, wiring diagrams; 1953
Folder 3	Williams – Game #98 – Dealer [Blackjack] – notes, sketches, wiring diagrams,
	bills of materials; 1953-1954
Folder 4	Williams – Game #99 – Thunderbird – notes, sketches, wiring diagrams; 1953- 1954
Folder 5	Williams – Game #100 – Special Deluxe Baseball – notes, sketches, wiring diagrams; 1953-1954
Folder 6	Williams – Game #101 – Super Star Baseball – notes, sketches, wiring diagrams; 1953-1954

Folder	7	Williams – Game #102 – Super Pennant Baseball – notes, sketches, wiring
		diagrams; 1953-1954
Folder	8	Williams – Game #103 – All Star Baseball – notes, sketches, wiring diagrams; 1954
Folder	9	Williams – Game #104 – Screamo – notes, sketches, wiring diagrams; 1954
Folder		Williams – Game #105 – Major League Baseball– notes, sketches, wiring
rolder	10	diagrams; 1954
Folder	11	Williams – Game #106 – Big League Baseball – notes, sketches, wiring diagrams; 1954
Folder	12	Williams – Game #107 – Sky Way – notes, sketches, wiring diagrams, correspondence; 1954
Folder	13	Williams – Game #108 – Big Ben – notes, sketches, wiring diagrams; 1954
Folder		Williams – Game #109 – Cue Tee – notes, sketches, wiring diagrams; 1954
roluci	14	with and $=$ Game $\#109 =$ Cue Tee = notes, sketches, withing diagrams, 1994
Box 32		
Folder	1	Williams – Game #110 – Daffy Derby – notes, sketches, wiring diagrams; 1954
Folder	2	Williams – Game #111 – Lulu – notes, sketches, wiring diagrams,
1 01401	-	correspondence; 1954
Folder	3	Williams – Game #112 – Colors – notes, sketches, wiring diagrams, bills of
		materials; 1954
Folder	4	Williams – Game #113 – Jubilee – notes, sketches, wiring diagrams,
		correspondence; 1954
Folder	5	Williams – Game #114 – Star Pool – notes, sketches, wiring diagrams; 1954
Folder	6	Williams – Games #115 and 116 – Jet and Super Jet Fighter – notes, sketches,
	-	wiring diagrams; 1954
Folder	7	Williams – Game #117 – Spitfire – notes, sketches, wiring diagrams; 1954
Folder	8	Williams – Game #118 – Delite – notes, sketches, wiring diagrams; 1954
Folder	9	Williams – Game #119 – Free Play Jubilee – notes, sketches, wiring diagrams; 1954
Folder	10	Williams – Game #120 – Select-A-Train – notes, sketches, wiring diagrams; 1954
Folder		Williams – Games #121 and 122 – Safari and Safari Deluxe – notes, sketches,
roluer	11	
		wiring diagrams, bills of materials; 1954-1955
Box 33	5	
Folder		Williams – Game #123 – Peter Pan – notes, sketches, wiring diagrams, bills of
I oldel	1	materials; 1954-1955
Folder	2	Williams – Game #124 – Polar Hunt – notes, sketches, wiring diagrams; 1955
Folder	3	Williams – Game #125 – Race the Clock – notes, sketches, wiring diagrams, bills
		of materials; 1955
Folder	4	Williams – Game #128 – Bandwagon – notes, sketches, wiring diagrams; 1955
Folder		Williams – Game #129 – King of Swat – notes, sketches, wiring diagrams; 1955
Folder		Williams – Game #130 – Wonderland – notes, sketches, wiring diagrams; 1955
Folder		Williams – Game #131 – Three Deuces – notes, sketches, wiring diagrams, bills
rouuci	,	minums Sume 1151 mile Deuces notes, sketches, winnig diagrams, bins

- of materials; 1955
- Williams Game #132 Smoke Signal notes, sketches, wiring diagrams; 1955 Folder 8
- Folder 9 Williams – Game #133 – Regatta – notes, sketches, wiring diagrams; 1955

Folder 10 Folder 11	Williams – Game #134 – Jolly Joker – memos, bills of materials; 1955 Williams – Game #135 – Can [Silver Frolics] – notes, sketches, wiring diagrams; 1955
Folder 12	Williams – Game #138 – Circus Wagon – notes, sketches, wiring diagrams; 1955
Folder 13	Williams – Game #139 – Snafu – notes, sketches, wiring diagrams; 1955
Folder 14	Williams – Game #142 – Royal Crown – memos and bills of materials; 1955
Folder 15	Williams – Game #143 – Tim-buc-tu – notes, sketches, wiring diagrams; 1955
Box 34	
Folder 1	Williams – Game #144 – Crane – memos, bills of materials; 1956
Folder 2	Williams – Game #145 – Piccadilly – notes, sketches, wiring diagrams, bills of materials, memos; 1955-1956
Folder 3	Williams – Game #146 – Peppy – notes, sketches, wiring diagrams, memos, bills
Tolder 5	of materials; 1956
Folder 4	Williams – Game #147 – Yukon – notes, sketches, wiring diagrams, bills of
	materials; 1957
Folder 5	Williams – Game #148 – Deluxe Bank Pool – bills of materials, notes, sketches, reference; 1955-1956
Folder 6	Williams – Game #149 – Red, White, and Blue – notes, sketches, wiring
	diagrams, memos, bills of materials; 1955-1956
Folder 7	Williams – Game #150 – Golden Nugget – notes, sketches, wiring diagrams; 1955-1956
Folder 8	Williams – Game #152 – Senior Deluxe Bank Pool – bills of materials, memos; 1955
Folder 9	Williams – Game #153 – Score Pool – notes, sketches, wiring diagrams, memos, bills of materials; 1955-1956
Folder 10	Williams – Game #154 – Diamond Score Pool – notes, sketches, wiring diagrams,
Folder 11	memos, bills of reference; 1955-1956 Williams – Game #155 – Klik Billiards – memos, bills of materials; 1956
	winnams – Game #155 – Kirk Dimards – memos, oms of materials, 1550
Box 35	
Folder 1	Williams – Game #156 – Four Bagger – notes, sketches, wiring diagrams, memos, bills of materials; 1956
Folder 2	Williams – Game #157 – Senior Diamond Score Pool – bills of materials, 1956
Folder 3	Williams – Game #158 – Deluxe Light-Up Bank Pool – bills of materials, 1956
Folder 4	Williams – Game [unnumbered] – Bank Shot – memos, bills of materials; 1955
Folder 5	Williams – Game #159 – Royal Pool Lite Up – bills of materials, 1956
Folder 6	Williams – Game #160 – Senior Royal Pool Lite-Up – bills of materials, 1956
Folder 7	Williams – Game #161 – Senior Deluxe Light-Up Bank Pool – bills of materials, 1956
Folder 8	Williams – Game #163 – Surf Rider – notes, sketches, wiring diagrams, bills of materials, memos; 1956
Folder 9	Williams – Game #164 – Star Pool – notes, sketches, wiring diagrams, memos, bills of materials; 1956
Folder 10	Williams – Game #165 – Hot Diggity – notes, sketches, wiring diagrams, memos, bills of materials; 1956

Folder	11	Williams – Game #166 – Imperial Pool – bills of materials, 1956
Folder	12	Williams – Game #168 – Recreational Pool – bills of materials, 1956
Folder	13	Williams – Game #169 – Olympic Pool – notes, sketches, wiring diagrams, bills of materials; 1956
Folder	14	Williams – Game #170 – Super Score – notes, sketches, wiring diagrams, memos, bills of materials; 1956
Folder	15	Williams – Game #171 – Commodore – notes, sketches, wiring diagrams; 1956
Folder		Williams – Game #172 – Deluxe Bank Pool Magic Top – bills of materials, 1956
Folder		Williams – Game #173 – Funhouse – notes, sketches, wiring diagrams, memos, bills of materials; 1956-1959
Folder	18	Williams – Game #174 – Perky – notes, sketches, wiring diagrams, memos, bills
I older	10	of materials; 1956
Box 36		
Folder	1	Williams – Game #175 – Starfire – notes, sketches, wiring diagrams, memos, bills of materials; 1956
Folder	2	Williams – Game #177 – Shamrock – notes, sketches, wiring diagrams, memos, bills of materials; 1956-1957
Folder	3	Williams – Game #178 – Gay Paree – notes, sketches, wiring diagrams, memos, bills of materials; 1956-1957
Folder	4	Williams – Game #179 – Cue Ball – notes, sketches, wiring diagrams, memos, bills of materials; 1956-1957
Folder	5	Williams – Game #180 – Roll-A-Ball – notes, sketches, wiring diagrams, memos, bill of materials; 1956-1957
Folder	6	Williams – Game #181 – Crossfire – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	7	Williams – Game #182 – 1957 Baseball Deluxe – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	8	Williams – Game #183 – 1957 Baseball (New York model) – notes, sketches, wiring diagrams; 1957
Folder	9	Williams – Game #184 – Naples – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	10	Williams – Game #185 – Arrowhead – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	11	Williams – Game #186 – Six Pocket Pool – memos, bills of materials; 1957
Box 37		
Folder	1	Williams – Game #187 – Kings – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	2	Williams – Game #188 – Top Hat – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	3	Williams – Game #189 – Hi-Hand – memos and bills of materials, 1957
Folder	4	Williams – Game #190 – Reno – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder	5	Williams – Game #191 – Steeplechase – notes, sketches, wiring diagrams, memos, bills of materials; 1957

Folder 6	Williams – Game #192 – Contest – notes, sketches, wiring diagrams; 1957
Folder 7	Williams – Game #193 – Jig-Saw – notes, sketches, wiring diagrams, memos, bills of materials; 1957
Folder 8	Williams – Game #195 – Kick-Off – notes, sketches, wiring diagrams, memos,
Folder 9	bills of materials; 1957 Williams – Game #196 – Ten Strike – notes, sketches, wiring diagrams, memos,
	bills of materials; 1957-1957
Box 38	
Folder 1	Williams – Game #197 – Gusher – notes, sketches, wiring diagrams, memos, bills
	of materials; 1958
Folder 2	Williams – Game #198 – Four Star – notes, sketches, wiring diagrams, memos, bills of materials; 1957-1958
Folder 3	Williams – Game #199 – Satellite – notes, sketches, wiring diagrams, memos,
F 11 4	bills of materials; 1957-1958
Folder 4	Williams – Game #200 – Ten Pins – memos and bills of materials; 1958
Folder 5	Williams – Game #201 – Casino – notes, sketches, wiring diagrams, memos, bills of materials; 1958
Folder 6	Williams – Game #202 – Six Player Ten Strike – notes, sketches, wiring
	diagrams; 1958
Folder 7	Williams – Games #203 and 205 – Shortstop – notes, sketches, wiring diagrams,
	memos, bills of materials; 1958
Folder 8	Williams – Game #204 – Vanguard – notes, sketches, wiring diagrams, playtest
	forms, memos, bills of materials; 1958
Box 39	
Folder 1	Williams – Game #206 – 3-D – notes, sketches, wiring diagrams, playtest forms,
	memos, bills of materials; 1958
Folder 2	Williams – Game #207 – Turf Champ – notes, sketches, wiring diagrams, memos,
Folder 3	bills of materials; 1958 Williams – Game #208 – Tic-Tac-Toe – notes, sketches, wiring diagrams,
roluci 5	memos, bills of materials; 1958-1959
Folder 4	Williams – Game #209 – Sea Wolf – notes, sketches, wiring diagrams, playtest
	forms, memos, bills of materials; 1958-1959
Folder 5	Williams – Game #211 – Cross Word – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1958-1959
Folder 6	Williams – Game #213 – Vanguard (N.Y. model) – notes and sketches, 1958
Folder 7	Williams – Game #214 – Clubhouse – notes, sketches, wiring diagrams, playtest
	forms, memos, bills of materials; 1959
Box 40	
Folder 1	Williams – Game #215 – Bank Shuffle – notes, sketches, wiring diagrams,
	memos, bills of materials; 1959
Folder 2	Williams – Game #216 – Hercules – notes, sketches, wiring diagrams, playtest
	forms; 1958-1959

Folder	3	Williams – Game #217 – Pinch Hitter – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1959
Folder	4	Williams – Game #218 – Spot Pool – notes, sketches, wiring diagrams, playtest
		forms, memos, bills of materials; 1959
Folder	5	Williams – Game #219 – Golden Bells – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1959
Folder	6	Williams – Game #221 – Pinch Hitter – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1959
Folder	7	Williams – Game #222 – Crusade – notes, sketches, wiring diagrams, bills of materials; 1959
Folder	8	Williams – Game #224 – Rocket – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1959
Box 41		
Folder	1	Williams – Game #225 – Titan – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1959
Folder	2	Williams – Game #226 – Crusader – notes and wiring diagrams, 1959
Folder	3	Williams – Game #228 – Golden Gloves – notes, sketches, wiring diagrams, playtest forms, memos, bills of materials; 1959
Folder	4	Williams – Game #231 – Fiesta – notes, sketches, wiring diagrams, bills of materials; 1959
Folder	5	Williams – Game #232 – Official Baseball – notes, sketches, wiring diagrams; 1959-1960
Folder	6	Williams – Game #233 – Twenty-One – notes and wiring diagrams, 1959
Folder		Williams – Game #234 – Nags – notes, sketches, wiring diagrams; 1960
Folder		Williams – Game #235 – Serenade – notes, sketches, wiring diagrams; 1960
Folder		Williams – Game #236 – Darts – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1960
Box 42		
Folder		Williams – Game #237 – Reg. Official Baseball – notes, sketches, wiring diagrams; 1960
Folder	2	Williams – Game #238 – Music Man – notes, sketches, wiring diagrams, bills of materials; 1960
Folder	3	Williams – Game #239 – Jungle – notes, sketches, wiring diagrams, playtest forms; 1960
Folder	4	Williams – Game #241 – Viking – notes, sketches, wiring diagrams, bills of materials; 1960
Folder	5	Williams – Game #242 – Blackjack – notes, sketches, wiring diagrams, playtest forms; 1960
Folder	6	Williams – Game #243 – Space Glider – notes, sketches, wiring diagrams; 1960
Folder		Williams – Organ Model 500-600, 700-800, 1100-1200 – bills of materials, n.d. [c. 1959-1960]
Folder	8	Williams – Game #244 – Magic Clock – notes, sketches, wiring diagrams; 1956- 1960
Folder	9	Williams – Game #245 – Bobo – notes, sketches, wiring diagrams; 1960

Folder 10 Folder 11 Folder 12	Williams – Game #246 – Caravelle – notes, sketches, wiring diagrams; 1960 Williams – Game #247 – Highways – notes, sketches, wiring diagrams; 1960 Williams – Game #248 – Hollywood – notes, sketches, wiring diagrams, playtest forms; 1960-1961
Folder 13 Folder 14	Williams – Game #249 – Batting Champ – notes, sketches, wiring diagrams; 1961 Williams – Game #250 – Ten Spot – notes, sketches, wiring diagrams, bills of materials; 1961
Box 43	
Folder 1	Williams – Game #251 – Double Barrel – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1961
Folder 2	Williams – Game #252 – Batting Champ – notes, sketches, wiring diagrams; 1961
Folder 3	Williams – Game #253 – Reserve – notes, wiring diagrams, bills of materials; 1961
Folder 4	Williams – Game #254 – Pool Table – bills of materials and notes, 1961
Folder 5	Williams – Game #255 – Metro – notes, sketches, wiring diagrams, bills of materials; 1961
Folder 6	Williams – Game #256 – Space Ship – notes, sketches, wiring diagrams, bills of materials; 1961
Folder 7	Williams – Game #257 – Pool Table – bills of materials, 1961
Folder 8	Williams – Game #258 – Kismet – notes, sketches, wiring diagrams, playtest
	forms, bills of materials; 1961
Folder 9	Williams – Game #260 – Trade Winds – notes, sketches, wiring diagrams, bills of materials; 1961-1962
Folder 10	Williams – Game #261 – Coquette – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1961
Box 44	
Folder 1	Williams – Game #262 – 3 Coins – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1961-1962
Folder 2	Williams – Game #263 – Skill Ball – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1961
Folder 3	Williams – Game #264 – Road Racer – notes, sketches, wiring diagrams, bills of materials; 1962
Folder 4	Williams – Game #266 – Valiant – notes, sketches, wiring diagrams, bills of materials; 1962
Folder 5	Williams – Game #268 – Bridge Pool – bills of materials, 1962
Folder 6	Williams – Game #269 – Book-A-Mat – bills of materials and inspection
	procedure, n.d. [c. 1962]
Folder 7	Williams – Game #270 – Jolly Joker – notes, sketches, wiring diagrams, bills of materials; 1961
Folder 8	Williams – Game #271 – King Pin – notes, sketches, wiring diagrams, bills of materials; 1962
Folder 9	Williams – Game #272 – Tom – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1961-1962

Box 45	
Folder 1	Williams – Game #273 – Extra Inning – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 2	Williams – Game #274 – 4 Roses – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 3	Williams – Game #275 – World Series – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 4	Williams – Game #276 – Friendship 7 – notes, sketches, wiring diagrams, bills of materials; 1962
Folder 5	Williams – Game #277 – Mardi Gras – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 6	Williams – Game #278 – Vagabond – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 7	Williams – Game #279 – Big Deal – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 8	Williams – Game #280 – Jumping Jacks – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962-1963
Folder 9	Williams – Game #282 – Swingtime – notes, sketches, wiring diagrams, bills of materials; 1962
Box 46	
Folder 1	Williams – Game #283 – Skill Pool – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962
Folder 2	Williams – Game #284 – El Toro – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1963
Folder 3	Williams – Game #285 – 1963 Major League – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1962-1963
Folder 4	Williams – Game #286 – Big Inning – notes, sketches, wiring diagrams, bills of materials; 1963
Folder 5	Williams – Game #287 – Big Daddy – notes, sketches, wiring diagrams, bills of materials; 1963
Folder 6	Williams – Game #288 – Oh Boy – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder 7	Williams – Game #290 – Beat the Clock – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder 8	Williams – Game #291 – Merry Widow – notes, sketches, wiring diagrams, bills of materials; 1963
Box 47	
Folder 1	Williams – Game #292 – Soccer – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder 2	Williams – Game #293 – San Francisco – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder 3	Williams – Game #294 – 1964 Grand Slam Baseball – notes, sketches, wiring diagrams, bills of materials; 1963-1964

Folder	4	Williams – Game #295 – Heat Wave – notes, sketches, wiring diagrams, bills of
Folder	5	materials; 1963-1964 Williams – Game #296 – 10th Inning – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder	6	Williams – Game #297 – Palooka – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder	7	Williams – Game #298 – Stop N Go – notes, sketches, wiring diagrams, bills of materials; 1963-1964
Folder	8	Williams – Game #299 – River Boat – notes, sketches, wiring diagrams, playtest forms, bills of materials; 1964
Box 48	3	
Folder		Williams – Game #300 – Whoopee – notes, sketches, wiring diagrams, bills of materials; 1964
Folder	2	Williams – Game #301 – Mini-Golf – notes, sketches, wiring diagrams, bills of materials; 1964
Folder	3	Williams – Game #302 – Double Play – notes, sketches, wiring diagrams, bills of materials; 1964-1965
Folder	4	Williams – Game #303 – Eager Beaver – notes, sketches, wiring diagrams, bills of materials; 1964-1965
Folder	5	Williams – Game #304 – Zig Zag – notes, sketches, wiring diagrams, bills of materials; 1964
Folder	6	Williams – Game #305 – Pretty Baby – notes, sketches, wiring diagrams, bills of materials; 1964-1965
Box 49)	
Folder		Williams – Game #306 – Wing Ding – notes, sketches, wiring diagrams, bills of materials; 1964
Folder	2	Williams - Game #308 - Driving Range - notes, sketches, wiring diagrams; 1964
Folder	3	Williams – Game #310 – Alpine Club – notes, sketches, wiring diagrams, bills of materials; 1964
Folder	4	Williams – Game #311 – Ski Club – notes, sketches, wiring diagrams, bills of materials; 1964
Folder	5	Williams – Game #312 – Moulin Rouge – notes, sketches, wiring diagrams, bills of materials; 1965
Folder	6	Williams – Game #313 – Pot-O-Gold – notes, sketches, wiring diagrams, bills of materials; 1964-1965
Folder	7	Williams – Game #314 – Lucky Strike – notes, sketches, wiring diagrams, bills of materials; 1965
Folder	8	Williams – Game #315 – Bowl-A-Strike – notes, sketches, wiring diagrams, bills of materials; 1965
Folder	9	Williams – Game #316 – Double Play – bills of materials, 1965
Folder	10	Williams – Game #317 – Eight Ball – notes, sketches, wiring diagrams, bills of materials; 1965

Box 50	
Folder 1	Williams – Game #318 – Teacher's Pet – notes, sketches, wiring diagrams, bills
	of materials; 1965
Folder 2	Williams – Game #319 – Big Chief – notes, sketches, wiring diagrams, bills of
	materials; 1965
Folder 3	Williams – Game #320 – A-Go-Go – notes, sketches, wiring diagrams, bills of
F 11 4	materials; 1965-1966
Folder 4	Williams – Game #321 – Full House – notes, sketches, wiring diagrams, bills of materials; 1965-1966
Folder 5	Williams – Game #322 – Derby Day – notes, sketches, wiring diagrams,
	instruction manual, bills of materials; 1967
Folder 6	Williams – Game #324 – Beat Time – notes, sketches, wiring diagrams, bills of
	materials; 1966-1967
Folder 7	Williams – Game #325 – Hot Line – notes, sketches, wiring diagrams, bills of
	materials; 1965-1966
Folder 8	Williams – Game #328 – Casanova – notes, sketches, wiring diagrams, bills of
	materials; 1965-1966
Box 51	
Folder 1	Williams – Game #329 – Magic City – notes, sketches, wiring diagrams, bills of
	materials; 1965-1966
Folder 2	Williams – Game #330 – Top Hand – notes, sketches, wiring diagrams, bills of
	materials; 1965-1966
Folder 3	Williams – Game #331 – Apollo – notes, sketches, wiring diagrams, bills of materials; 1966
Folder 4	Williams – Game #332 – Pitch and Bat – notes, sketches, wiring diagrams, bills
	of materials; 1965-1966 [also some Game 334 – Big League Baseball]
Folder 5	Williams – Game #333 – Shangri-La – notes, sketches, wiring diagrams, bills of
	materials; 1966-1967
Folder 6 Folder 7	Williams – Game #334 – Big League – bills of materials, n.d. [c. 1966]
Foldel /	Williams – Game #335 – Touchdown – notes, sketches, wiring diagrams, bills of materials; 1966-1967
Folder 8	Williams – Game #336 – Big Strike – notes, sketches, wiring diagrams, bills of
1 01001 0	materials; 1966-1967
Box 52	
Folder 1	Williams – Game #337 – Magic Town – notes, sketches, wiring diagrams, bills of
F 11 0	materials; 1966-1967
Folder 2	Williams – Game #338 – Blast Off – notes, sketches, wiring diagrams, bills of
Folder 3	materials; 1966 Williams – Game #339 – Ding Dong – notes, sketches, wiring diagrams, bills of
101001 5	materials; 1966-1968
Folder 4	Williams – Game #340 – Smarty – notes, sketches, wiring diagrams, bills of
	materials; 1966-1967
Folder 5	Williams – Game #341 – Lady Luck – notes, sketches, wiring diagrams, bills of
	materials; 1966-1968

Folder	6	Williams – Game #342 – Pit Stop – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Folder	7	Williams – Game #343 – Jolly Roger – notes, sketches, wiring diagrams, bills of materials; 1966-1967
Folder	8	Williams – Game #344 – Arctic Gun – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Box 53		
Folder	1	Williams – Game #345 – Base Hit – notes, sketches, wiring diagrams, bills of materials; 1967
Folder	2	Williams – Game #346 – Score Board [Base Hit] – notes, sketches, wiring diagrams, bills of materials; 1967
Folder	3	Williams – Game #347 – Kick Off [Add A Ball to Touchdown] – notes, sketches, wiring diagrams, bills of materials; 1967
Folder	4	Williams – Game #348 – Doozie – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Folder	5	Williams – Game #349 – Daffie – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Folder	6	Williams – Game #350 – Student Prince – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Folder	7	Williams – Game #351 – Olympic Hockey – notes, sketches, wiring diagrams, bills of materials; 1970-1972
Folder	8	Williams – Game #353 – Aqua Gun – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Box 54		
Folder		Williams – Game #354 – 4 Aces – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder	2	Williams – Game #355 – Ball Park – notes, sketches, wiring diagrams, bills of materials; – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Folder	3	Williams – Game #356 – Miss "O" [Miss "Q"] – notes, sketches, wiring diagrams, bills of materials; 1967-1968
Folder	4	Williams – Game #357 – Cue-T – notes, sketches, wiring diagrams, bills of materials; 1968
Folder	5	Williams – Game #358 – Paddock – notes, sketches, wiring diagrams, bills of materials; 1968-1969
Folder	6	Williams – Game #359 – Cabaret – notes, sketches, wiring diagrams, bills of materials; 1968
Folder	7	Williams – Game #360 – Hayburners II – notes, sketches, wiring diagrams, bills of materials; 1968
Folder	8	Williams – Game #361 – Suspense – notes, sketches, wiring diagrams, bills of materials; 1967-1969

Box 55

Folder 1 Williams – Game #362 – 500 Auto Race – notes, sketches, wiring diagrams, bills of materials; 1969

Folder 2	Williams – Game #363 – Smart Set – notes, sketches, wiring diagrams, bills of materials; 1968-1969
Folder 3	Williams – Game #364 – Space Pilot – notes, sketches, wiring diagrams, bills of materials; 1968
Folder 4	Williams – Game #365 – Spooks – notes, sketches, wiring diagrams, bills of materials; 1969
Folder 5	Williams – Game #366 – Expo – notes, sketches, wiring diagrams, bills of materials; 1968
Folder 6	Williams – Game #367 – Gay 90s – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Box 56	
Folder 1	Williams – Game #368 – Post Time – notes, sketches, wiring diagrams, bills of materials; 1968-1969
Folder 2	Williams – Game #369 – Roto – notes, sketches, wiring diagrams, bills of materials; 1969
Folder 3	Williams – Game #370 – Fast Ball – notes, sketches, wiring diagrams, bills of materials; 1968-1969
Folder 4	Williams – Game #371 – Strike Zone – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder 5	Williams – Game #372 – Seven Up – notes, sketches, wiring diagrams, bills of materials; 1969
Folder 6	Williams – Game #373 – Set-Up – notes, sketches, wiring diagrams, bills of materials; 1969
Folder 7	Williams – Game #375 – Phantom Gun – notes, sketches, wiring diagrams, bills of materials; 1969
Folder 8	Williams – Game #376 – Gridiron – notes, sketches, wiring diagrams, bills of materials; 1969
Box 57	
Folder 1	Williams – Game #377 – Aces N'Kings – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder 2	Williams – Game #378 – Super Star – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 3	Williams – Game #379 – Mini-Bowl – notes, sketches, wiring diagrams, bills of materials; 1970
Folder 4	Williams – Game #380 – Jive Time – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder 5	Williams – Game #381 – Rock'n'Roll – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder 6	Williams – Game #382 – Hit and Run – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder 7	Williams – Game #383 – Ringer – notes, sketches, wiring diagrams, bills of materials; 1970

50

Box 58	
Folder 1	Williams – Game #384 – Bonanza Gun – notes, sketches, wiring diagrams, bills of materials; 1969-1970
Folder 2	Williams – Game #385 – Tramway [Swinger?] – notes, sketches, wiring diagrams, bills of materials; 1972-1973
Folder 3	Williams – Game #386 – Dipsy Doodle – notes, sketches, wiring diagrams, bills of materials; 1970
Folder 4	Williams – Game #387 – Fan-Tas-Tic – notes, sketches, wiring diagrams, bills of materials; 1972-1973
Folder 5	Williams – Game #388 – Winner – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 6	Williams – Game #389 – Straight Flush – notes, sketches, wiring diagrams, bills of materials; 1970-1971
Box 59	
Folder 1	Williams – Game #390 – Doodle Bug [Love Bug] – notes, sketches, wiring diagrams, bills of materials; 1970-1971
Folder 2	Williams – Game #391 – Solids and Stripes – notes, sketches, wiring diagrams, bills of materials; 1970-1971
Folder 3	Williams – Game #392 – 3 Jokers – bills of materials, 1970
Folder 4	Williams – Game #393 – Travel Time – notes, sketches, wiring diagrams, bills of materials; 1972-1973
Folder 5	Williams – Game #394 – Zodiac – notes, sketches, wiring diagrams, bills of materials; 1970-1971
Folder 6	Williams – Game #395 – Stockades [Stockade Gun] – notes, sketches, wiring diagrams, bills of materials; 1972
Box 60	
Folder 1	Williams – Game #396 – Ambush – notes, sketches, wiring diagrams, bills of materials; 1969-1973
Folder 2	Williams – Game #397 – Jackpot [Goldrush] – notes, sketches, wiring diagrams, bills of materials; 1970-1971
Folder 3	Williams – Game #398 – Flotilla – notes, sketches, wiring diagrams, bills of materials; 1970-1971

- Williams Game #399 Sniper Gun notes, sketches, wiring diagrams, bills of Folder 4 materials; 1971
- Williams Game #400 Action Baseball notes, sketches, wiring diagrams, bills Folder 5 of materials; 1971
- Williams Game #401 Stardust notes, sketches, wiring diagrams, bills of Folder 6 materials; 1971

Folder 1	Williams – Game #402 – Dart Game/Darts – notes, sketches, bills of materials;
	1971
Folder 2	Williams – Game #403 – Klondike – notes, sketches, wiring diagrams, bills of
	materials; 1971

Folder 3	Williams – Game #404 – Honey – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 4	Williams – Game #405 – Jungle Drums – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 5	Williams – Game #406 – Swinger – notes, sketches, wiring diagrams, bills of materials; 1971-1973
Box 62	
Folder 1	Williams – Game #407 – Pro Soccer – notes, sketches, wiring diagrams, bills of materials; 1971
Folder 2	Williams – Game #408 – Spanish Eyes – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 3	Williams – Game #409 – Granada – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 4	Williams – Game #410 – Line Drive – notes, sketches, wiring diagrams, bills of materials; 1971-1972
Folder 5	Williams – Game #411 – Yukon Special – notes, sketches, wiring diagrams, bills of materials; 1971
Folder 6	Williams – Game #412 – Penny Pitch [Ringer conversion] – bills of materials, n.d. [c. 1971-1972?]
Folder 7	Williams – Game #413 – Summer Time – notes, sketches, wiring diagrams, bills of materials; 1972
Box 63	
Box 63 Folder 1	Williams – Game #414 – Big Star – notes, sketches, wiring diagrams, bills of materials; 1971-1972
	materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of
Folder 1	materials; 1971-1972
Folder 1 Folder 2	materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of
Folder 1 Folder 2 Folder 3	materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #418 – Tropic Fun – notes, sketches, wiring diagrams, bills of
Folder 1Folder 2Folder 3Folder 4	materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #418 – Tropic Fun – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #419 – Fun-Fest – notes, sketches, wiring diagrams, bills of
Folder 1Folder 2Folder 3Folder 4Folder 5	materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #418 – Tropic Fun – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #419 – Fun-Fest – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #420 – Oxo – notes, sketches, wiring diagrams, bills of
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6	materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #418 – Tropic Fun – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #419 – Fun-Fest – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #420 – Oxo – notes, sketches, wiring diagrams, bills of
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6 Box 64	 materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #418 – Tropic Fun – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #419 – Fun-Fest – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #420 – Oxo – notes, sketches, wiring diagrams, bills of materials; 1973 Williams – Game #421 – Match Race – notes, sketches, wiring diagrams, bills of materials; 1973
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6 Box 64 Folder 1	 materials; 1971-1972 Williams – Game #416 – Jubilee – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #417 – Gulfstream – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #418 – Tropic Fun – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #419 – Fun-Fest – notes, sketches, wiring diagrams, bills of materials; 1972-1973 Williams – Game #420 – Oxo – notes, sketches, wiring diagrams, bills of materials; 1973 Williams – Game #421 – Match Race – notes, sketches, wiring diagrams, bills of materials; 1973

Folder 5	Williams – Game #427 – Darling – notes, sketches, wiring diagrams, bills of materials; 1973
Folder 6	Williams – Game #433 – Dealers Choice – notes, sketches, wiring diagrams, bills of materials; 1973-1974
Folder 7	Williams – Game #434 – Triple Action – notes, sketches, wiring diagrams, bills of materials; 1972-1973
Box 65	
Folder 1	Williams – Game #435 – Star Action – notes, sketches, wiring diagrams, bills of materials; 1972-1973
Folder 2	Williams – Game #442 – Pro Tennis – bills of materials, n.d. [c. 1973?]
Folder 3	Williams – Game #443 – Sky Lab – notes, sketches, wiring diagrams, bills of materials; 1973-1974
Folder 4	Williams – Game #444 – Spacelab – notes, sketches, wiring diagrams, bills of materials; 1972-1974
Folder 5	Williams – Game #445 – Strato-Flite – notes, sketches, wiring diagrams, bills of materials; 1972-1974
Folder 6	Williams – Game #446 – Triple X – notes and wiring diagrams, 1973
Box 107	
Folder 3	Williams – Playfield drawings – 4 Corners, 1952
Folder 3	Williams – Playfield drawings – Bulls Eye, 1952
Folder 3	Williams – Playfield drawings – Disc Jockey, 1952
Folder 3	Williams – Playfield drawings – Hong Kong, 1958
Folder 3	Williams – Playfield drawings – Silver Skates, 1952
Folder 3	Williams – Playfield drawings – Starlite, 1952
Folder 3	Williams – Playfield drawings – Times Square, 1952
Folder 3	Williams – Playfield drawings – Twenty Grand, 1952
Folder 4	Williams – Parts drawings – Jet bumper assembly, 1962
Folder 4	Williams – Parts drawings – Kicker assembly, 1964
Folder 4	Williams – Parts drawings – Blank template forms, n.d.
Folder 5	Williams – Project files – "Sy Delivery Schedule," 1946
Folder 6	Williams – Project files – Klik Billiards instruction sheet with notes, n.d.

Map Case 2 Drawer 11

Folder 1	Williams – Game #2 – Dynamite – schedules and notes, 1946
Folder 10	Williams – Game #11 – Ginger – wiring diagram, 1947
Folder 2	Williams – Game #12 - Bonanza – wiring diagrams, 1947
Folder 10	Williams – Game #12 – Bonanza – wiring diagrams and relay bank connections,
	1947
Folder 10	Williams – Game #15 – Stormy – relay bank connections, 1947
Folder 10	Williams – Game #16 – Tennessee – wiring diagrams and relay bank connections,
	1948
Folder 10	Williams – Game #17 – Virginia – relay bank connections, 1948

Folder 10	Williams – Game #18 – Yanks – wiring diagrams, 1948
Folder 10	Williams – Game #19 – Dew-Wa-Ditty – wiring diagrams, 1948
Folder 10	Williams – Unidentified game number – New Orleans – wiring diagrams, 1948
Folder 10	Williams – Game #21 – Speedway – wiring diagrams, 1948
Folder 10	Williams – Game #22 – Rainbow – wiring diagrams and backglass artwork, 1948
Folder 10	Williams – Game #28 – Maryland – wiring diagrams, 1949
Folder 10	Williams – Game #30 – Star Series – wiring diagram, 1949
Folder 10	Williams – Game #31 – Freshie – wiring diagram, 1949
Folder 10	Williams – Game #33 – De-Icer – wiring diagram, 1949
Folder 10	Williams – Game #35 – Bowler – wiring diagram, 1950
Folder 3	Williams – Project files – Whirly Bird schematic, 1968
Folder 4	Williams – Project files – Parts diagrams – Chrome trim, 1952
Folder 4	Williams – Project files – Parts diagrams – Link, 1952
Folder 4	Williams – Project files – Parts diagrams – Inside Bat Mounting assembly, 1953
Folder 4	Williams – Project files – Parts diagrams – Contact disc, 1954
Folder 4	Williams – Project files – Parts diagrams – 10 Step Unit assembly, 1959
Folder 4	Williams – Project files – Parts diagrams – Replay Unit assembly, 1961
Folder 4	Williams – Project files – Parts diagrams – Carriage Bracket assembly, 1961
Folder 4	Williams – Project files – Parts diagrams – Lift mntg. plate & motor assy., 1964
Folder 4	Williams – Project files – Parts diagrams – Flipper assy., 1965
Folder 5	Williams – Project files – Playfields – Perky, 1956
Folder 5	Williams – Project files – Playfields – Shamrock, 1956

Subseries B: Williams Electronics, Inc., 1972-1996

Scope and Content Note: This subseries contains project files created and maintained by staff of Williams Electronics, Inc., including game and part design documentation and engineering logbooks and notebooks.

Subseries B:

1. Game/part design documentation, 1972-1980

Scope and Content Note: Documentation within this subseries includes wiring diagrams, bills of materials, project schedules, correspondence, parts lists, reports, notices, memos, and other related information. Date range estimates for undated materials are given in brackets in the folder title; alternate titles indicated on parts lists are also given in brackets. Any diagrams noted in this series are diagrams of parts or other project components (*not* cabinet artwork or sketches of final pinball machines).

This section of Series III, Subseries B is arranged chronologically by project number.

Box 65

Folder	r 7	Williams –	Game	#448 -	Lucky	/ Ace – no	otes, v	wiring	diagrams,	bills of a	materia	ls;
		1974										
T 11	0	****	0	11150	C	T11.		1 / 1		11	1 111	c

Folder 8 Williams – Game #452 – Super Flite – notes, sketches, wiring diagrams, bills of materials; 1972-1974

Folder	1	Williams – Game #453 – Starpool – notes, sketches, wiring diagrams, bills of materials; 1974
Folder	2	Williams – Game #454 – Satin Doll – notes, sketches, wiring diagrams, bills of
Folder	3	materials; 1974-1975 Williams – Game #456 – Big Ben – notes, sketches, wiring diagrams, bills of
F 11	4	materials; 1974-1975
Folder	4	Williams – Game #457 – Pat Hand – notes, sketches, wiring diagrams, bills of materials; 1974-1975
Folder	5	Williams – Game #458 – Little Chief – notes, sketches, wiring diagrams, bills of materials; 1975
Folder	6	Williams – Game #459 – Triple Strike – notes, sketches, wiring diagrams, bills of materials; 1975
Box 67		
Folder		Williams – Game #460 – Black Gold – notes, sketches, wiring diagrams, bills of materials; 1975
Folder	2	Williams – Game #461 – Valencia – notes and wiring diagrams, 1975
Folder	3	Williams – Game #462 – Space Odyssey – notes, sketches, wiring diagrams, bills of materials; 1975-1976
Folder	4	Williams – Game #463 – Blue Chip – notes, sketches, wiring diagrams, bills of materials; 1975-1976
Folder	5	Williams – Game #464 – Space Mission – notes, sketches, wiring diagrams, bills of materials; 1975-1976
Folder	6	Williams – Game #465 – Toledo – notes, sketches, wiring diagrams, bills of materials; 1975
Folder	7	Williams – Game #466 – Aztec – notes, sketches, wiring diagrams, bills of materials; 1975-1976
Box 68	1	
Folder	1	Williams – Game #467 – Liberty Bell – notes, sketches, wiring diagrams, bills of materials; 1976-1977
Folder	2	Williams – Game #468 – Grand Prix – notes, sketches, wiring diagrams, bills of materials; 1976-1977
Folder	3	Williams – Game #469 – Rancho – notes, sketches, wiring diagrams, bills of materials; 1976-1977
Folder	4	Williams – Game #470 – Wild Card – notes, sketches, wiring diagrams, bills of materials; 1976-1977
Folder	5	Williams – Game #471 – Big Deal – notes, sketches, wiring diagrams, bills of materials; 1976-1977
Folder	6	Williams – Game #473 – Argosy – notes, sketches, wiring diagrams, bills of materials; 1976-1977
Folder	7	Williams – Game #474 – Hot Tip – notes, sketches, wiring diagrams, bills of materials; 1977

Box 69

DUAU	
Folder	Williams – Game #476 – Lucky Seven – notes, sketches, wiring diagrams, bills of materials; 1977
Folder 2	Williams – Game #477 – Hot Tip – notes, sketches, wiring diagrams, bills of materials; 1977
Folder	Williams – Game #480 – Lucky Seven – notes, sketches, wiring diagrams, bills of materials; 1977
Folder 4	Williams – Game #481 – World Cup – notes, sketches, wiring diagrams, bills of materials; 1978
Folder	Williams – Game #482 – Contract – notes, sketches, wiring diagrams, bills of materials; 1978
Folder	Williams – Game #483 – Disco Fever – notes, wiring diagrams, bills of materials; 1978
Folder '	Williams – Game #484 – Test Fixture – notes and bills of materials, 1978-1979
Folder	Williams – Game #485 – Phoenix – notes, wiring diagrams, bills of materials; 1978-1979
Box 70	
Folder	Williams – Game #486 – Flash – notes, wiring diagrams, bills of materials; 1978- 1979
Folder 2	Williams – Game #487 – Tri-Zone – notes, wiring diagrams, bills of materials; 1979
Folder	Williams – Game #488 – Pokerino – notes, wiring diagrams, bills of materials, arcade flier; 1978-1979
Folder 4	Williams – Game #489 – Time Warp – notes and bills of materials, 1979
Folder :	Williams – Game #490 – Stellar Wars – notes and bills of materials, 1979
Folder	Williams – Game #492 – Backbox Load Tester – memos and bills of materials, 1979

Box 71

Folder 1 Williams – Game #493 – Laser Ball – notes and bills of materials, 1979-1980

Subseries B:

2. Engineering logbooks and notebooks, 1980-1996

Scope and Content Note: In this segment of the subseries are company-branded engineering logbooks and several notebooks detailing design notes on Williams games. When possible, the engineer to whom the logbook belonged is indicated, along with the years noted in the logbook. Some logbooks also had loose pages tucked inside the covers; these have been retained in the same folder as the logbook.

This section of Series III, Subseries B is arranged chronologically.

Box 71

Folder 2 Williams – Engineering logbooks – 80-ENG-005 [unidentified engineer], 1980

Folder 3	Williams – Engineering logbooks – 80-ENG-006, A.Z. Knezevich, 1980-1983 [with loose and taped-in pages]
Folder 4	Williams – Engineering logbooks – 80-ENG-009, Chuck Bleich, 1980 [with loose pages]
Folder 5	Williams – Engineering logbooks – 80-ENG-012, Surenda D. Patel, 1980-1981 [with loose pages]
Folder 6	Williams – Engineering logbooks – 80-ENG-029 [unidentified engineer], 1980- 1981
Box 72	
Folder 1	Williams – Engineering logbooks – [loose pages] Tom Hart, 1980-1981
Folder 2	Williams – Engineering logbooks – 81-ENG-054 [unidentified engineer], 1981- 1982 [with photographs pasted in]
Folder 3	Williams – Engineering logbooks – 81-ENG-055, Don Drygalski, 1981-1982 [with loose pages]
Folder 4	Williams – Engineering logbooks – 82-ENG-070, [first name?] Bridgeman, 1983 [with loose pages]
Folder 5	Williams – Engineering logbooks – 82-ENG-071 [unidentified engineer], 1983
Folder 6	Williams – Engineering logbooks – 83-ENG-078, Ed Suchocki, 1985-1990 [with loose pages]
Box 73	
Folder 1	Williams – Engineering logbooks – 83-ENG-082, Scott Herschler, 1982-1983 [with loose pages]
Folder 2	Williams – Engineering logbooks – 83-ENG-083, R. Witt, 1983
Folder 3	Williams – Engineering logbooks – 83-ENG-085, K. Graham, 1983 [with loose pages]
Folder 4	Williams – Engineering logbooks – 83-ENG-094, Noah Falstein, 1983
Folder 5	Williams – Engineering logbooks – 83-ENG-096 [unidentified engineer], 1982- 1983
Folder 6	Williams – Engineering logbooks – ENG-111, William Pfutzenreuter, 1984-1987
Box 74	
Folder 1	Williams – Engineering logbooks – 83-ENG-081, Jim Glass, 1989
Folder 2	Williams – Engineering logbooks – 132, Mark Coldebella, 1988-1991
Folder 3	Williams – Engineering logbooks – WMS00998 ["Confidential Pursuant to Protective Order"] [unidentified engineer], 1992 [with loose pages]
Folder 4	Williams – Engineering notebook – "Indiana Jones," Mark Ritchie, 1992-1993
Folder 5	Williams – Engineering notebook – "4505 Peacock" [unidentified engineer], 1993 [with loose and taped-in pages]
Folder 6	Williams – Engineering notebook – "Elvira II" [unidentified engineer], 1995- 1996

Subseries C: WMS Industries, Inc., 1963-2000

Scope and Content Note: This subseries contains project files created and maintained by staff of WMS Industries, Inc. (incorporating Bally/Midway), including game and part design documentation, staff files, packaging testing information, and financial documentation (some of which has been restricted until 2048).

Subseries C:

1. Game/part design documentation, 1972-2000

Scope and Content Note: Documentation within this subseries includes wiring diagrams, bills of materials, project schedules, correspondence, parts lists, reports, notices, memos, and other related information. Date range estimates for undated materials are given in brackets in the folder title; alternate titles indicated on parts lists are also given in brackets. Any diagrams noted in this series are diagrams of parts or other project components (*not* cabinet artwork or sketches of final pinball machines). These original folders appear to have been created by staff members Jim Patla, Herb Foss, Ken Fedesna, and John McCaffer, among others.

This section of Series III, Subseries C is arranged (mainly) alphabetically by project title. Additional files from this period of Williams' company history are listed for Boxes 92-94 and the oversized folders stored flat in the map case drawer.

Folder	1	Williams – Project files – "3-D Pinball" – trademark reports, memos, budget info,
		status reports; 1992-1996
Folder	2	Williams – Project files – "Addams Family" – license agreement, schedules,
		notes, eprom updates, memos; 1991-1994 and n.d.
Folder	3	Williams – Project files – "After Hours" – trademark report and schedules, 1995
Folder	4	Williams – Project files – "Alien Poker" – service manual, 1980
Folder	5	Williams – Project files – "Alley Cat" – instruction manual draft and
		amendments, 1985-1986
Folder	6	Williams – Project files – "Arabian Nights" – memos, schedules, manuals, test
		location information, trademark reports, change notices, eprom updates; 1995-
		1996
Folder	7	Williams – Project files – "Attack from Mars" – memos, reference, project
		information, game operation information; 1994-1998
Folder	8	Williams – Project files – "Bad Cats" – memos and change notices, 1989-1990
Folder		Williams – Project files – "Barracuda" – notes, memos, program requests, lamp
	-	matrix forms, 8" floppy disk; 1980-1981
Folder	10	Williams – Project files – "Bugs Bunny" – schedules, notes, memos, reference;
1 01401	10	1988-1990 and n.d.
Folder	11	Williams – Project files – "Cactus Canyon" – memos, bills of materials, reports,
I oldel	11	notes; 1998 and n.d.
Daldan	10	
Folder	12	Williams – Project files – "Cashball" – memos, agreements, parts lists, cost
		summary reports, manuals; 1996-1998

Folder	13	Williams – Project files – "Centaur" – drop target transparencies, n.d.
Box 76		
Folder	1	Williams – Project files – "Champion Pub" – memos, bills of materials, notes, reference, parts lists, change notices, flier; 1997-1998 and n.d.
Folder	2	Williams – Project files – "Cirqus Voltaire" – memos, notes, scheduling, parts lists, design documentation; 1994-1998 and n.d.
Folder	3	Williams – Project files – "Comet" – manuals, diagrams, trademark details; 1985- 1987
Folder	4	Williams – Project files – "Congo" – notes, memos, schedules, engineer change notices; 1994-1996
Folder	5	Williams – Project files – "Congo 2" – schedules, memos, licensing correspondence; 1995
Folder	6	Williams – Project files – "Corvette" – trademark reports, memos, notes, change notices, manual amendments; 1994-1997
Folder	7	Williams – Project files – "Count Pacula" – proposal and notes, 1982-1983
Folder	8	Williams – Project files – "Creature from the Black Lagoon" – agreements, memos, notes, change notices; 1991-1993
Folder	9	Williams – Project files – "Crossword" – notes, correspondence, reference, agreement, 5.25" floppy disks; 1984
Box 77	,	
Folder		Williams – Project files – "Cyclone" – trademark reports, correspondence, manuals, memos, notes; 1987-1999
Folder	2	Williams – Project files – "Demolition Man" – memos, change notices, notes; 1993-1994
Folder	3	Williams – Project files – "Diner" – trademark reports, memos, notes; 1988-1991 and n.d.
Folder	4	Williams – Project files – "Dirty Harry" – notes, memos, change notices, project schedules; 1994-1995 and n.d.
Folder	5	Williams – Project files – "Dracula" – memos, notes, change notices; 1992-1993
Folder	6	Williams – Project files – "Dr. Dude" – notes, schedules, memos, trademark reports, playfield shots; 1990-1991 and n.d.
Folder	7	Williams – Project files – "Dr. Who" [Doctor Who] – memos and reference, 1992-1993 and n.d.
Folder	8	Williams – Project files – "Earthlings" [Black Rose] – schedules and memos, 1991 and n.d.
Folder	9	Williams – Project files – "Earthshaker" – trademark reports and memos, 1988- 1989, 1995
Folder	10	Williams – Project files – "Eight Ball Deluxe" – trademark reports, 1995
Folder	11	Williams – Project files – "Elvira" – memos, audit tables, notes, trademark reports; 1989-1996
Folder	12	Williams – Project files – "Excalibur" – trademark reports, 1994
Folder	13	Williams – Project files – "F-14 Tomcat" – trademark reports and memos, 1986- 1987

Box 78	
Folder 1	Williams [Bally?] – Project files – "Fathom" – notes, memos, program requests, code printouts, 8" floppy disk; 1981
Folder 2	Williams [Bally?] – Project files – "Fathom" – parts lists, 1981
Folder 3	Williams – Project files – "Fire" – trademark reports, memos, cost comparisons; 1986-1994
Folder 4	Williams – Project files – "Fireball" – parts list, 1972
Folder 5	Williams – Project files – "Fireball" – trademark reports, 1989, 1994
Folder 6	Williams – Project files – "Firepower" – trademark correspondence, 1988
Folder 7	Williams – Project files – "Firepower II" – memos, test program service sheets, operator fliers; 1983
Folder 8	Williams – Project files – "Fishtales (Confidential)" documentation, 1992 [Part 1 of 2]
Box 79	
Folder 1	Williams – Project files – "Fishtales (Confidential)" documentation, 1992 [Part 2 of 2]
Folder 2	Williams – Project files – "Fishtales (Confidential)" documentation, 1988-1993
Folder 3	Williams – Project files – "Fishtales" – memos, trademark reports, change notices; 1992-1993
Folder 4	Williams – Project files – "Flintstones" – change notices, memos, notes; 1994
Folder 5	Williams – Project files – "Funhouse" – trademark reports, notes, memos; 1989- 1991 and n.d.
Folder 6	Williams – Project files – "Funhouse" ["Sideshow"] – schedules, memos, notes, meeting minutes; 1990
Folder 7	Williams – Project files – "Game Show" – trademark reports, 1989-1992
Folder 8	Williams – Project files – "The Getaway" – trademark reports, memos, change notices, service bulletins, manual amendments; 1991-1995 and n.d.
Folder 9	Williams – Project files – "Gilligan's Island" – memos, change notices, schedule, notes, manual amendments; 1990-1992 and n.d.
Folder 10	
Folder 11	
Box 80	
Folder 1	Williams – Project files – "Grand Lizard"- trademark reports and memos, 1985- 1987, 1992
Folder 2	Williams – Project files – "Great Balls of Fire" – trademark reports, 1993

- Williams Project files "Harley-Davidson" memos, schedules, notes, Folder 3 correspondence; 1990-1991
- Williams Project files "High Impact" arcade cabinet photographs, n.d. Folder 4
- Williams Project files "High Power" trademark reports, 1992, 1995 Folder 5
- Williams Project files "High Roller" invoices, 1997 Folder 6
- Williams Project files "High Speed" trademark reports, memos, manuals; Folder 7 1985-1988

Folder	8	Williams – Project files – "High Speed 2" [also some "Terminator 2"?] – memos,
Folder	0	schedules, shot map; 1990-1992 Williams – Project files "Het Shots" – correspondence potes skotshes shonge
Folder	9	Williams – Project files – "Hot Shots" – correspondence, notes, sketches, change notices, memos; 1991-1995 and n.d.
Folder	10	Williams – Project files – "Hurricane" – schedule, notes, memos, operator's
		handbook, trademark reports; 1990-1992
Folder	11	Williams – Project files – "Hyperball" – notes, memos, schedules,
		correspondence, manuals, trademark reports; 1981-1988 and n.d.
Folder	12	Williams – Project files – "Hyperball" – change notices, notes, memos, bills of
		materials; 1981-1982
Folder		Williams – Project files – "Hyperball" – notes, memos, diagrams; 1982
Folder	14	Williams – Project files – "Hypot Procedures" – instructions, diagrams, ARL
		certificate forms; 1995-1996
Folder	15	Williams – Project files – "Indiana Jones" – correspondence, notes, memos,
		change notices, service bulletins, cost lists; 1992-1994 and n.d.
Folder	16	Williams – Project files – "Indiana Jones (Confidential)" documentation, 1992-
		1993
Box 81		
Folder		Williams – Project files – "Indy 500" – notes, agreements, schedules, change
I oldel	1	notices; 1994-1995 and n.d.
Folder	2	Williams – Project files – "Jack Bot" – notes, memos, correspondence, change
1 01001	-	notices, manual supplements, schedules, shot maps, eprom updates; 1994-1996
Folder	3	Williams – Project files – "Jack in the Box" – trademark reports, 1996
Folder		Williams – Project files – "Johnny Mnemonic" – schedules, parts lists, memos,
		change notices, service bulletins; 1995-1996
Folder	5	Williams – Project files – "Jokerz" – correspondence, memos, trademark reports;
		1988-1995
Folder	6	Williams – Project files – "Joust Pin" – correspondence, 1983
Folder	7	Williams – Project files – "Joust Cocktail Table" – engineering test reports, 1982-
F 11	0	
Folder	8	Williams – Project files – "Judge Dredd" – memos, change notices, manual amendments, service bulletins; 1992-1994
Folder	0	Williams – Project files – "Jungle Lord" – memos, change notices, instruction
roluei	9	manual drafts, order forms; 1981 and n.d.
		manual drafts, order forms, 1981 and n.d.
Box 82		
Folder	1	Williams – Project files – "Junkyard" – service bulletins, memos, notes, change
		notices, bills of materials, cost summary reports, vendor request forms; 1996-
		1998
Folder	2	Williams – Project files – "Kick-A-Poo" – trademark report, 1985
Folder	3	Williams – Project files – "League Champ" – memos and change notices, 1995-
		1996
Folder	4	Williams – Project files – "L.E.D. Game" – memos, invoices, spec sheets,
		PALtronics brochures; 1995-1996
Folder	5	Williams – Project files – "Limousine" – trademark report, 1993

Folder 6 Folder 7	Williams – Project files – "Lost World" – spinner art transparencies, n.d. Williams – Project files – "Lucky Seven" – wiring diagrams and instruction manuals, 1978
Folder 8 Folder 9	Williams – Project files – "Mace" – memos and change notices, 1997 Williams – Project files – "The Machine" – schedules, notes, memos; 1990-1991
Folder 10	and n.d. Williams – Project files – "Machine Bride of Pinbot" – trademark reports, notes, correspondence; 1988-1992 and n.d.
Folder 11	Williams – Project files – "Mars" [Attack from Mars] – schedule and memos, 1995
Folder 12	Williams – Project files – "Medieval Madness" – memos, change notices, notes, manual amendments; 1996-2000 and n.d.
Folder 13	Williams – Project files – "Medieval Madness" ["Castle"] – memos, schedules, change reports, notes, packaging tests; 1996-1998
Folder 14	Williams – Project files – "Millionaire" – trademark reports, memos, reference tables; 1986-1987, 1997
Folder 15	Williams – Project files – "Monopoly" – notes and memos, 1995
Box 83	
Folder 1	Williams – Project files – "Monster Bash" – memos, service bulletins, notes, change notices, component cost lists, reference [Creature from the Black Lagoon]; 1992-1999 and n.d.
Folder 2	Williams – Project files – "Monster Bash" – diagrams, memos, bills of materials, change notices, reports; 1997-1998 and n.d.
Folder 3	Williams – Project files – "Mortal Kombat ARL" – correspondence, memos, notes; 1990-1992 and n.d. [with Applied Research Laboratories]
Folder 4	Williams – Project files – "Mortal Kombat 2 ARL video game" – invoice, diagrams, worksheets, memos, lab reports; 1993 [with Applied Research Laboratories]
Folder 5	Williams – Project files – "Mousin' Around" – trademark reports, memos, change forms, checksums; 1989-1990, 1996
Folder 6	Williams – Project files – "NBA Fastbreak" – trademark reports, memos, notes, change notices, manual amendments, schedules, bills of materials; 1996-1997
Folder 7	Williams – Project files – "NBA Jam, Mortal Kombat 2" – grid bill, 1993
Folder 8	Williams – Project files – "No Fear" – memos, bills of materials, change notice, manual amendments, notes, eprom updates; 1995-1998
Box 84	
Folder 1	Williams – Project files – "No Good Gofers" – memos, manual amendments, change notices, notes, trademark reports; 1996-1998
Folder 2	Williams – Project files – "No Good Gofers" – memos, schedules, bills of materials, notes, change notices; 1997-1998
Folder 3	Williams – Project files – "Novelty and unusual games" – memos and photocopies of fliers, 1990-1995 and n.d.
Folder 4	Williams – Project files – "Omni Shuffle Alley" – shipping schedules, correspondence, order forms; 1981

Folder	5	Williams – Project files – "Party Zone" – trademark reports, memos, notes, manual amendments, schedules, audit reports; 1990-1995 and n.d.
Folder	6	Williams – Project files – "Peugot" – memos and cost summary reports, 1997
Folder		Williams – Project files – "Phantom Haus" – notes, trademark reports, memos, change notices, bills of materials, operations manuals; 1995-1996
Folder	8	Williams – Project files – "Pharaoh" – prototype distribution, memos, notes, instructions; 1981 and n.d.
Box 85		
Folder	1	Williams – Project files – "Pinball 2000" – memos, NDAs, diagram, service logs, notes, reference; 1995-1999 and n.d.
Folder	2	Williams – Project files – "Pin 2000" [Pinball 2000] – memos, notes, reference; 1998-1999
Folder	3	Williams – Project files – "Pinball 2000" – Williams Electronics, Inc. Pinball 2000 Promotion, JTC Advertising, November 1998
Folder	4	Williams – Project files – "Pinball 2000" – printed email correspondence from public, 1999
Folder	5	Williams – Project files – "Pinball 2000" – electrical assembly specifications, change notices, notes; 1999
Folder	6	Williams – Project files – "Pinball 2000" – trade dress policy and memo, 1999
Folder	7	Williams – Project files – "P2000 Issues" [Pinball 2000] – memos, notes, bills of materials; 1997-1999
Folder	8	Williams – Project files – "Pin Bot" – trademark reports, memos, notes, reference; 1985-1993, 1999, and n.d.
Box 86		
Folder	1	Williams – Project files – "Pinwecan" – schedule and notes, 1995
Folder	2	Williams – Project files – "PL96" [also called "Home" and "Wizards"] – project schedules, 1995
Folder	3	Williams – Project files – "Poker Face" [Poker Night] – trademark reports, 1990
Folder	4	Williams – Project files – "Police Force" – trademark reports, memos, checksums, cost comparisons, notes; 1989-1990
Folder	5	Williams – Project files – "Pool Sharks" – trademark reports, memos, service bulletins, operator's manual; 1990-1996 and n.d.
Folder	6	Williams – Project files – "Popeye" – memos, outline, change notices, notes; 1993-1994 and n.d.
Folder	7	Williams – Project files – "Radical" – trademark reports, memos, notes; 1990- 1991 and n.d.
Folder	8	Williams – Project files – "Revenge from Mars" – memos, notes, agreements, test location dates, <i>Pin Game Journal</i> magazine, reference; 1996-1999 and n.d.
Folder	9	Williams – Project files – "Riverboat" – notes, memos, diagrams, purchase forms; 1990 [Riverboat Gambler?]
Folder	10	Williams – Project files – "Riverboat Gambler" – trademark reports, notes, wiring diagrams, memos; 1990-1991 and n.d.
Folder	11	Williams – Project files – "Road King" – trademark reports and memos, 1985- 1987

Folder 12	Williams – Project files – "Roadshow" – memos, change notices, trademark reports, manual amendments, correspondence; 1993-1996 and n.d.
Folder 13	Williams – Project files – "Roller Aces" – program printouts, memos, reports, trademark reports; 1982-1983 and n.d.
Folder 14	Williams – Project files – "Roller Games" – memos, change notices, service bulletins, manual draft; 1989-1995 and n.d.
Box 87	
Folder 1	Williams – Project files – "Safe Cracker" – memos, trademark reports, notes, change notices, service bulletins; 1995-1996
Folder 2	Williams – Project files – "Safe Cracker" – memos, change notices, service bulletins, printouts; 1996-1997
Folder 3	Williams – Project files – "Safe Cracker" – data printouts and notes, n.d. [c. 1996- 1999]
Folder 4	Williams – Project files – "Safe Cracker" – memos, pricing, bills of materials; 1996
Folder 5	Williams – Project files – "Scared Stiff" ["Elvira 2"] – schedules, change notices, parts lists, memos, service bulletins; 1995-1997 and n.d.
Folder 6	Williams – Project files – "Screaming Slopes" – parts lists, wiring diagrams, operating manual; 1995-2000 and n.d.
Folder 7	Williams – Project files – "The Shadow" – memos, service bulletins, cost reports, change notices; 1994-1995 and n.d.
Box 88	
Box 88 Folder 1	Williams – Project files – "Showdown" – trademark report, 1989
Box 88 Folder 1 Folder 2	Williams – Project files – "Showdown" – trademark report, 1989 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d.
Folder 1 Folder 2	Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d.
Folder 1	Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket
Folder 1 Folder 2 Folder 3	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos;
Folder 1 Folder 2 Folder 3 Folder 4	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes,
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6 Folder 7	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Snash TV" – cabinet photographs, n.d. Williams – Project files – "Solar Fire" – memos, notes, chip samples; 1981 and
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6 Folder 7 Folder 8	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Solar Fire" – memos, notes, chip samples; 1981 and n.d. Williams – Project files – "Sorceror" – trademark report, notes, memos, wiring
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6 Folder 7 Folder 8 Folder 9	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Snash TV" – cabinet photographs, n.d. Williams – Project files – "Solar Fire" – memos, notes, chip samples; 1981 and n.d. Williams – Project files – "Sorceror" – trademark report, notes, memos, wiring diagrams, reference; 1985 and n.d. Williams – Project files – "Space Shuttle" – memos, trademark information, flier,
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 7 Folder 7 Folder 8 Folder 9 Folder 10	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Solar Fire" – memos, notes, chip samples; 1981 and n.d. Williams – Project files – "Sorceror" – trademark report, notes, memos, wiring diagrams, reference; 1985 and n.d. Williams – Project files – "Space Shuttle" – memos, trademark information, flier, notes; 1984-1987 Williams – Project files – "Space Station" – notes, memos, wiring diagrams,
Folder 1 Folder 2 Folder 3 Folder 4 Folder 5 Folder 6 Folder 7 Folder 8 Folder 9 Folder 10 Folder 11	 Williams – Project files – "Shuffle Inn" – trademark reports, memos, ticket interface manual; 1989-1991 and n.d. Williams – Project files – "Sleepytyme Theatre" – trademark report, 1986 Williams – Project files – "Slugfest" ["Baseball"] – notes, schedules, memos; 1990-1991 Williams – Project files – "Slugfest Baseball" – trademark reports and notes, 1990-1996 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Slugfest (Confidential)" documentation, 1990-1991 Williams – Project files – "Solar Fire" – memos, notes, chip samples; 1981 and n.d. Williams – Project files – "Sorceror" – trademark report, notes, memos, wiring diagrams, reference; 1985 and n.d. Williams – Project files – "Space Shuttle" – memos, trademark information, flier, notes; 1984-1987 Williams – Project files – "Space Station" – notes, memos, wiring diagrams, trademark reports; 1984-1994 and n.d.

Folder 15	Williams – Project files – "Star Trek: The Next Generation" – cost reports, notes, diagrams, memos, reference; 1989-1993 and n.d.
Folder 16	Williams – Project files – "Star Trek: The Next Generation" – wiring diagrams, assembly drawings, memos, change notices, cost lists, notes; 1991-1994 and n.d.
Box 89	
Folder 1	Williams – Project files – "Star Wars" – memos, notes, reference, plans; 1997- 1998
Folder 2	Williams – Project files – "Star Wars" – project kit, proposal outlines, memos, notes, ROM code information, NDA forms, bills of materials, reference; 1997-1999 and n.d.
Folder 3	Williams – Project files – "Star Wars" – memos, notes, reference, plans; 1998
Folder 4	Williams – Project files – "Star Wars" – contracts/NDAs and memos, 1998
Folder 5	Williams – Project files – "Star Wars" – memos, cost estimate forms, invoices, flier; 1998-1999
Folder 6	Williams – Project files – "Star Wars" – contracts/NDAs and memos, 1999
Box 90	
Folder 1	Williams – Project files – "Still Crazy" – memos, notes, assembly drawings, change notices; 1984 and n.d.
Folder 2	Williams – Project files – "Strike Force" – memos, notes, wiring diagrams; 1990- 1992 and n.d.
Folder 3	Williams – Project files – "Strike Master" – trademark reports, memos, change notices; 1990-1997
Folder 4	Williams – Project files – "Strike Zone" – schematic copy, memos, copyright registration, manual; 1984-1985 and n.d.
Folder 5	Williams – Project files – "Supersonic" – instructions/labels for machine interior, n.d. [c. 1975?]
Folder 6	Williams – Project files – "Swords of Fury" – memos, trademark reports, notes; 1994-1998
Folder 7	Williams – Project files – "Taurus" – wiring diagrams and manual, 1977, 1979
Folder 8	Williams – Project files – "Taxi" – trademark reports, notes, memos, service bulletins, parts lists, manuals; 1988-1989 and n.d.
Folder 9	Williams – Project files – "Terminator 2: Judgment Day" – memos, change notices, service bulletins, manual amendments; 1991-1992 and n.d.
Folder 10	Williams – Project files – "Theatre of Magic" – registration cards, report, memos; 1995
Folder 11	Williams – Project files – "Ticket Tac Toe" – memos, audits, notes; 1996
Folder 12	Williams – Project files – "Time Fantasy" – engineering test reports and data sheets, 1982-1983
Folder 13	Williams – Project files – "Whodunnit" – memos, schedules, shortage lists; 1995
Folder 14	Williams – Project files – "Wizard Blocks" – memos, schedules, notes, agreements; 1999
Folder 15	Williams – Project files – "Other pinball patents" – reference, 1978-1990

Box 91 Folder 1 Folder 2 Folder 3 Folder 4 Folder 5	 Williams – Project files – "Other pinball patents" – reference, 1991-1994 Williams – Project files – "Other pinball patents" – reference, 1995-1998 Williams – Project files – "Projects 300, 400, 500, 600" binder contents – parts numbers/inventory descriptions, n.d. [c. 1982] Williams – Project files – Part number identification for components, 1978-1984 Williams – Project files – [Untitled folder] – price lists, notes, memos, diagrams, parts lists; 1988-1992 and n.d.
Box 92	
Folder 1	Williams – Project files – WMS PCs file information – "Pfutzenreuter computer, Drive C" files and memos, 1993
Folder 2	Williams – Project files – WMS PCs file information – "Pfutzenreuter computer, Drive D" files, 1993
Folder 3	Williams – Project files – WMS PCs file information – "Pfutzenreuter computer, Drive E" files, 1993
Folder 4	Williams – Project files – WMS PCs file information – "Pfutzenreuter computer, Drive F" files, 1993
Folder 5	Williams – Project files – WMS PCs files information – "Coldebella computer" files, 1993
Box 93	
Folder 1	Williams – Project files – High Speed, Road King, Earthshaker – combined parts list binder, 1992
Folder 2	Williams – Project files – Hyperball – parts list binder, 1986
Box 94	
Folder 1	Williams – Project files – Addams Family – cost summary report printouts, 1991- 1992
Folder 2	Williams – Project files – Cirqus Voltaire – cost summary report printouts, 1997
Folder 3	Williams – Project files – Space Shuttle – parts lists binder, 1988
Map Case 2 Drawer 11	
Folder 3	Midway/Williams – Project files – Addams Family – bookcase assembly diagram, 1991
Folder 3	Bally/Midway logo sketch, n.d.
Folder 4	Williams – Project files – Parts diagrams – Shooter feed trough, 1981
Folder 4	Williams – Project files – Parts diagrams – Control panel cable, 1982
Folder 4	Williams – Project files – Parts diagrams – Stationary target switch, 1982
Folder 4	Williams – Project files – Parts diagrams – Drive shaft assy., n.d.
Folder 4	Williams – Project files – Game development schedule for Tri-Zone, Time Warp, Gorgar, Game A; n.d.
Folder 5	Williams – Project files – Williams apron sketch, n.d.
Folder 6	Midway/Williams – Project files – Addams Family – hand drive assembly diagram, 1991

- Folder 7 Williams Design production cycle flowchart, n.d.
- Folder 7 Williams Design production cycle flowchart, n.d.
- Folder 7 Williams logo print, n.d.
- Folder 8 Williams Electronic chassis assembly wiring diagram, unidentified game for Chuck E. Cheese's, 1984
- Folder 8 Bally/Midway 0F01 Panel control; top diagram, 1987
- Folder 8 Bally/Midway 0F01 Laser Tag Cabinet diagram, 1987
- Folder 8 Bally/Midway 0F01 Top, control shelf diagram, 1987
- Folder 8 Bally/Midway 0F01 Overlay, decorative diagram, 1987
- Folder 8 Bally/Midway Cabinet diagram, unidentified game, n.d.
- Folder 9 Williams Narc bezel art screens/sketches, 1988 [note: may not be for Narc but identified as such on documentation]

Subseries C:

2. Staff project files, 1963-1999

Scope and Content Note: This subseries includes files maintained by staff members of Williams which were not game design-specific. These files include memos, correspondence, printed emails, organization charts, personnel lists, parts diagrams, manual translations, and files on the American Amusement Machine Association (AAMA) task force and standardization committee spurred by the City of Los Angeles' revision of electrical guidelines for pinball and arcade games in the early 1990s. These original folders appear to have been created by staff members Jim Patla, Herb Foss, Ken Fedesna, and John McCaffer, among others.

This section of Series III, Subseries C is arranged (mainly) chronologically, with miscellaneous files housed in Boxes 97 and 98. Box 99 contains information on manual translation. Boxes 100 and 101 house memos, reports, guidelines, correspondence, and other documentation on the American Amusement Machine Association (AAMA) Standardization Committee.

Box 95

Folder 1	Williams – Project files – "Value Engineering," Herbert Foss, reference pages,
	1963-1965
Folder 2	Williams – Project files – Process document outline for new pinball games, 1972
Folder 3	Williams – Project files – "Data on Engineering Production – Sales Progress
	Report, Prototype Schedule, Production Schedule," D. Oursler, 1974-1975
Folder 4	Williams (Bally/Midway) – Project files – "1981 Bally Mechanical Engineering
	Manual," 1981
Folder 5	Williams (Bally/Midway) - Project files - "Playfield Brd." - Advertising Posters
	Co. vendor history forms, 1983-1986
Folder 6	Williams – Project files – Eaton Corporation – memos, minutes, reference; 1988
Folder 7	Williams – Project files – Engineering department organization charts and
	engineering job descriptions, 1988-1989
Folder 8	Williams – Project files – Purchase requisition forms, memos, personnel lists;

Folder 8 Williams – Project files – Purchase requisition forms, memos, personnel lis 1988-1989

Folder 9	Williams – Project files – Marvel Entertainment Group folders and various comic books, 1988-1991
Folder 10	Williams – Project files – "Cherry Dot Matrix Display" – memos, 1990-1991
Folder 11	Williams – Project files – "Williams Eng. Standard and Reference Manual Book No. 18, Vol. 2," 1990-1993
Box 96	
Folder 1	Williams – Project files – Project status reports and notes, 1990-1994
Folder 2	Williams – Project files – "Game weight" – memos, 1991
Folder 3	Williams – Project files – Various pinball games "confidential" documentation, 1991-1992
Folder 4	Williams – Project files – "New offices" – notes, diagrams, memos; 1993-1999
Folder 5	Williams – Project files – "Sound call interrupt handler" – memo, printouts, notes; 1993
Folder 6	Williams – Project files – "Corvette Museum event" – correspondence, 1994
Folder 7	Williams – Project files – "Product Safety Primer" – AAMA, 1994
Folder 8	Williams – Project files – Ed Lukasik correspondence file, 1994 and n.d.
Folder 9	Williams – Project files – "Fact-Finding Fungame European Tour" memo, 1995
Folder 10	Williams – Project files – Interoffice memos, 1995-1996
Folder 11	Williams – Project files – Standardization and efficiency memos/reports, 1996
Folder 12	Williams – Project files – Supplier Information Packet, 1997
Folder 13	Williams – Project files – WMS job description and position questionnaire templates, n.d.
Folder 14	Williams – Project files – Organizational chart, engineering, n.d.
Folder 15	Williams – Project files – Miscellaneous notes, reference, diagrams, and manual fragments; c. 1980s-1990s
Box 97	
Folder 1	Williams (Bally/Midway) – Project files – Coin door diagrams and notes, n.d.
Folder 2	Williams – Project files – "Coins" [coin mechanisms] – memos, specs, notes; 1991-1999 and n.d.
Folder 3	Williams – Project files – "Electronic flipper" – memos, notes, diagrams, project information; 1991-1992 and n.d.
Folder 4	Williams – Project files – Flap ramp diagrams, 1990, 1995
Folder 5	Williams – Project files – "Flipper Eddy Sensor" – memos, change notices, quotes, notes; 1991
Folder 6	Williams – Project files – "History Card Mercury Plastics" – First Article Discrepancy Notice report, 1996
Folder 7	Williams – Project files – "Mars Cashflow 330 Application" – descriptions and 3.5" floppy disks, 1999
Folder 8	Williams – Project files – "Monitors" – memos, notes, reference; 1998-1999 and n.d.
Folder 9	Williams – Project files – "Playfield Plst." – Midwest Cortland vendor history forms, 1984 and n.d.
Folder 10	Williams – Project files – "Multiple Credit S.U. Unit – Used on Shuffle Alley" – notes and bills of materials, 1971

Folder	11	Williams – Project files – "Multiple Credit System 1st Used Supreme" – notes and bills of materials, 1974-1975
Folder	12	Williams – Project files – "Outside PCBs" – timeline, memos, cost analysis,
F 11	10	notes; 1998
Folder		Williams – Project files – "Test Fixture" – instruction packet, n.d.
Folder		Williams – Project files – Reference – Worldwide Euroslot, September 1995
Folder	15	Williams – Project files – "WPC Cost" – parts lists, cost summaries, notes; 1988- 1989 [Part 1 of 3]
Folder	16	Williams – Project files – "WPC Cost" – parts lists, cost summaries, notes; 1988- 1989 [Part 2 of 3]
Folder	17	Williams – Project files – "WPC Cost" – parts lists, cost summaries, notes; 1988- 1989 [Part 3 of 3]
Box 98	5	
Folder	1	Williams – Project files – "Star*Tech BBS" – compiled internal emails, 1989- 1993
Folder	2	Williams – Project files – "Star*Tech BBS" – internal messaging printouts, 1989- 1993 [Copy 1]
Folder	3	Williams – Project files – "Star*Tech BBS" – internal messaging printouts, 1989- 1993 [Copy 2]
Folder	4	Williams – Project files – Loose pages – notes and memos, 1991-1996 and n.d. [includes No Fear, Monster Bash, Revenge from Mars, Medieval Madness, and Safecracker] [Part 1 of 2]
Folder	5	Williams – Project files – Loose pages – notes and memos, 1993-1999 and n.d. [includes No Fear, Monster Bash, Revenge from Mars, Medieval Madness, and Safecracker] [Part 2 of 2]
Box 99)	
Folder	1	Williams – Project files – Manual translations – notes, memos, correspondence, translation reference; 1991-1999 and n.d.
Folder	2	Williams – Project files – "The Addams Family" manuals, n.d. [c. 1992] [one in German, one in French]
Folder	3	Williams – Project files – "Fire" manuals, n.d. [in German, 2 copies]
Folder	4	Williams – Project files – "Fish Tales" manuals, n.d. [c. 1992] [in German, 2 copies]
Folder	5	Williams – Project files – "Fish Tales" manual, n.d. [c. 1992] [in French]
Folder	6	Williams – Project files – "The Getaway" manual, n.d. [c. 1992] [in German]
Folder	7	Williams – Project files – "Star Trek" manual, 1993 [in Spanish]
Folder	8	Williams – Project files – "WPC Handbuch," n.d. [c. 1992] [in German]
Box 10	0	
Folder		Williams – Project files – "AAMA Standardization" – notes, memos,
1 01001	•	correspondence, reference; 1989-1992
Folder	2	Williams – Project files – "Los Angeles Testing Lab Meeting" – notes, memos, correspondence, drafts; 1990-1992

Folder 3	Williams – Project files – "L.A. Meeting Task Force" – memos, notes, correspondence, guideline drafts, meeting minutes; 1990-1992 and n.d.
Folder 4	Williams – Project files – "AAMA Standardization Committee" – memos, notes, correspondence, reference; 1990-1994 and n.d.
Folder 5	Williams – Project files – "UL 1410 Standard for Safety, Television Receivers, and High-Voltage Video Products," 1991
Folder 6	Williams – Project files – "AAMA Standardization" – draft guidelines, notes, and amendments; 1991
Folder 7	Williams – Project files – "L.A. Task Force" [standardization] – memos, travel info, notes, guideline draft, microcassette; 1991-1992
Box 101	
Folder 1	Williams – Project files – "L.A. Task Force" – memos, correspondence, guidelines, amendments, reference; 1991-1993
Folder 2	Williams – Project files – "AAMA Standardization" – memos/faxes about City of L.A. guidelines, 1992
Folder 3	Williams – Project files – "AAMA Standardization" – memos, meeting minutes, notes, standards; 1992-1993
Folder 4	Williams – Project files – "New Orleans Standardization Meeting, 9/20/95" – memos, notes, conference information; 1994-1995
Folder 5	Williams – Project files – "City of Los Angeles Citations, 1994-1995" – memos,

Subseries C:

3. Packaging testing, 1982-1999

Scope and Content Note: This subseries holds lab reports, notes, worksheets, photographs, and other forms from independent labs which ran shipping and packaging tests on Williams games.

This section of Series III, Subseries C is arranged alphabetically by game or project title.

- Folder 1 Williams Project files Packaging testing Arabian Nights, 1996
- Folder 2 Williams Project files Packaging testing Arch Rivals, 1989
- Folder 3 Williams Project files Packaging testing Black Knight 2000, 1989
- Folder 4 Williams Project files Packaging testing Blitz 99, 1998
- Folder 5 Williams Project files Packaging testing Cactus Canyon, 1998
- Folder 6 Williams Project files Packaging testing Cashball, 1997
- Folder 7 Williams Project files Packaging testing Championship Pub, 1997
- Folder 8 Williams Project files Packaging testing Cirqus Voltaire, 1997
- Folder 9 Williams Project files Packaging testing Congo, 1995
- Folder 10 Williams Project files Packaging testing Corvette, 1994
- Folder 11 Williams Project files Packaging testing Creature [Creature from the Black Lagoon], 1989, 1992
- Folder 12 Williams Project files Packaging testing Cruisin' USA, 1994-1995

Folder 13	Williams – Project files – Packaging testing – Cruisin' World, 1996
Folder 14	Williams – Project files – Packaging testing – Dirty Harry, 1994
Folder 15	Williams – Project files – Packaging testing – Doctor Who, 1991-1992
Folder 16	Williams – Project files – Packaging testing – Dynamo, 1986
Folder 17	Williams – Project files – Packaging testing – Flintstones, 1994
Folder 18	Williams – Project files – Packaging testing – Game Show, 1990
Folder 19	Williams – Project files – Packaging testing – Gilligan's Island and Terminator 2,
	1991
Folder 20	Williams – Project files – Packaging testing – High Speed, 1986
Folder 21	Williams – Project files – Packaging testing – Hit the Ice, 1990
Tolder 21	winnams Troject mes Tackaging testing The the ree, 1990
Box 103	
Folder 1	Williams – Project files – Packaging testing – Hydrothunder, 1999
Folder 2	Williams – Project files – Packaging testing – Hyperdrive, 1998
Folder 3	Williams – Project files – Packaging testing – Indiana Jones, 1993
Folder 4	Williams – Project files – Packaging testing – Indy 500, 1995
Folder 5	Williams – Project files – Packaging testing – Jackbot, 1995
Folder 6	Williams – Project files – Packaging testing – Johnny Mnemonic, 1995
Folder 7	Williams – Project files – Packaging testing – Judge Dredd, 1993
Folder 8	Williams – Project files – Packaging testing – Junkyard, 1996
Folder 9	Williams – Project files – Packaging testing – Killer Instinct, 1994
Folder 10	Williams – Project files – Packaging testing – Max Force, 1997
Folder 11	Williams – Project files – Packaging testing – Medieval Madness, 1997
Folder 12	Williams – Project files – Packaging testing – Monster Bash, 1998
Folder 13	Williams – Project files – Packaging testing – Mortal Kombat, 1992
Folder 14	Williams – Project files – Packaging testing – Mortal Kombat 2, 1993-1994
Folder 15	Williams – Project files – Packaging testing – Narc, 1988-1989
Folder 16	Williams – Project files – Packaging testing – NBA Fastbreak, 1996-1997
Folder 17	Williams – Project files – Packaging testing – NBA Jam, 1993
Folder 18	Williams – Project files – Packaging testing – NBA Jam Nani, 1995
Folder 19	Williams – Project files – Packaging testing – No Fear, 1995
Folder 20	Williams – Project files – Packaging testing – No Good Gofers, 1997
Folder 21	Williams – Project files – Packaging testing – P-2000, 1998
Folder 22	Williams – Project files – Packaging testing – Phantom Haus, 1996
Folder 23	Williams – Project files – Packaging testing – Pigskin, 1990
Folder 24	Williams – Project files – Packaging testing – Popeye, 1993-1994
10luci 24	w mans – 1 toject mes – 1 ackaging testing – 1 opeye, 1995-1994
Box 104	
Folder 1	Williams – Project files – Packaging testing – Radikal Bikers, 1998
Folder 2	Williams – Project files – Packaging testing – Revenge from Mars, 1999
Folder 2 Folder 3	Williams – Project files – Packaging testing – Revenge from Mars, 1999 Williams – Project files – Packaging testing – Revolution X, 1994
Folder 4	Williams – Project files – Packaging testing – Road Show, 1994
Folder 5	Williams – Project files – Packaging testing – Robotron, 1982
Folder 6	Williams – Project files – Packaging testing – Safe Cracker, 1996
Folder 7	Williams – Project files – Packaging testing – Scared Stiff, 1996
Folder 8	Williams – Project files – Packaging testing – Shadow, 1994

Williams – Project files – Packaging testing – Shadow, 1995
Williams – Project files – Packaging testing – Star Trek: The Next Generation,
1993
Williams – Project files – Packaging testing – Surf Planet, 1998
Williams – Project files – Packaging testing – Terminator 2, 1991
Williams – Project files – Packaging testing – Theatre of Magic, 1995
Williams – Project files – Packaging testing – Ticket Tac Toe, 1996
Williams – Project files – Packaging testing – Touchmaster Countertop, 1998
Williams – Project files – Packaging testing – Tri Sport [Arch Rivals?], 1989
Williams – Project files – Packaging testing – Trog, 1990
Williams – Project files – Packaging testing – Twilight Zone, 1993
Williams – Project files – Packaging testing – Whirlwind, 1990
Williams – Project files – Packaging testing – White Water, 1992
Williams – Project files – Packaging testing – Who Dunnit, 1995
Williams – Project files – Packaging testing – WWF USA, 1995
Williams – Project files – Packaging testing – Auxiliary monitor, 1995
Williams – Project files – Packaging testing – Bulk packaging testing, 1990
Williams – Project files – Packaging testing – Lenc-Smith special cabinet, 1989
Williams – Project files – Packaging testing – New pin cabinet construction, 1994
Williams – Project files – Packaging testing – Playfield stop block, 1995
Williams – Project files – Packaging testing – Various invoices, 1999

Subseries D:

4. Financial documentation, 1983-1999

Scope and Content Note: This subseries contains three boxes of finance- and annual budget-related records, one of which is restricted from researcher access until 2048 due to sensitive nature. (Box 108 is closed to the public and is separated from the main collection.) The open documentation in this subseries includes employee lists, annual budget worksheets, notes, memos, and other relevant materials from 1990-1999.

This section of Series III, Subseries C is arranged chronologically by fiscal year.

Folder 1	Williams – Financial – Fiscal Year 1991 – employee list, budgets, notes; 1990
Folder 2	Williams – Financial – Fiscal Year 1992 – organization charts, budgets, purchase
	form, memos, notes; 1991-1992
Folder 3	Williams – Financial – Fiscal Year 1993 – memos, budgets, notes, reference;
	1991-1993
Folder 4	Williams – Financial – Fiscal Year 1994 – employee list, budgets, memos, notes;
	1993-1994
Folder 5	Williams – Financial – Fiscal Year 1995 – budgets, memos, notes; 1994
Folder 6	Williams – Financial – Fiscal Year 1996 – memos, budgets, notes, reference;
	1995

Box 106 Folder 1 Williams - Financial - Fiscal Year 1997 - budgets, notes, memos; 1996 Folder 2 Williams - Financial - Fiscal Year 1998 - budgets, notes, memos; 1996-1997 Folder 3 Williams – Financial – Fiscal Year 1999 – budgets, notes, memos; 1997-1998 **Box 108** Folder 1 [RESTRICTED] Williams – Financial – Fiscal Year 1991 – engineering salary worksheets, budgets, notes, memos; 1990-1991 Folder 2 [RESTRICTED] Williams – Financial – Fiscal Year 1992 – employment agreements, budgets, salary information, notes, memos; 1991-1993 Folder 3 [RESTRICTED] Williams – Financial – Fiscal Year 1993 – engineering budget, 1992 Folder 4 [RESTRICTED] Williams – Financial – Fiscal Year 1994 – employee bonuses, budgets, salaries; 1993 Folder 5 [RESTRICTED] Williams – Financial – Fiscal Year 1995 – budgets, salaries, memos, notes; 1994 Folder 6 [**RESTRICTED**] Williams – Financial – Fiscal Year 1996 – pin engineering salary worksheets, memos, budgets, notes; 1994-1995 [RESTRICTED] Williams – Financial – Fiscal Year 1997 – budgets, salary info, Folder 7 memos, notes; 1996 [RESTRICTED] Williams - Financial - Fiscal Year 1998 - budgets, salary info, Folder 8 memos, notes: 1996-1997 Folder 9 [RESTRICTED] Williams – Financial – Fiscal Year 1999 – budgets, salary info, notes, memos; 1997-1998 [RESTRICTED] Williams – Employee appraisal forms, 1983-1993, 1999 Folder 10