



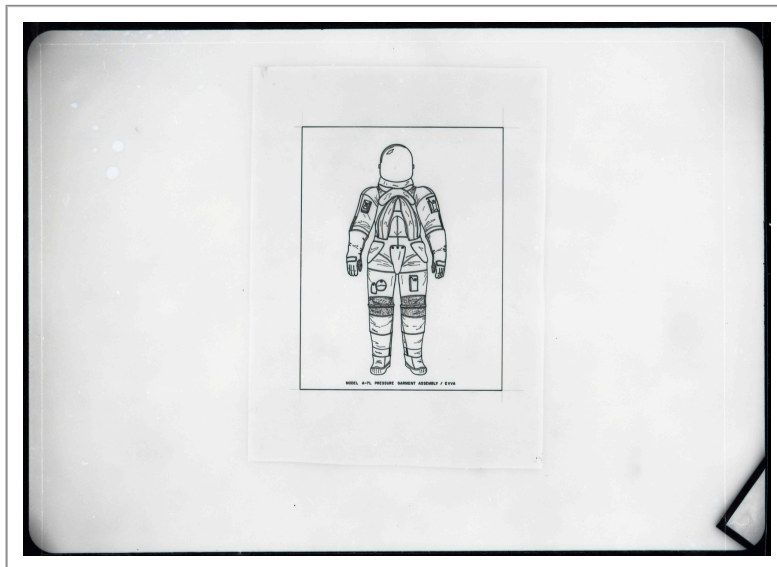
Smithsonian

National Air and Space Museum

ILC Dover Apollo Reports and Aperture Card Drawings Collection

Sarah LeClaire

2017



National Air and Space Museum Archives
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Table of Contents

Collection Overview	
Administrative Information	1
Biographical Note	1
Scope and Contents	2
Arrangement	2
Container Listing	
Series 1: ILC Dover Aperture Cards	3
Series 2: ILC Dover Apollo Reports	43

Collection Overview

Repository:	National Air and Space Museum Archives
Title:	ILC Dover Apollo Reports and Aperture Card Drawings Collection
Date:	1965-1972
Identifier:	NASM.2016.0032
Extent:	24.4 Cubic feet (58 boxes)
Language:	English .
Summary:	This collection consists of fourteen cubic feet of aperture card drawings and six cubic feet of ILC Dover Apollo-era reports relating to space suits.

Administrative Information

Acquisition Information

ILC Dover LP, gift, 2016

Processing Information

This collection was arranged, described, and the finding aid encoded by Sarah LeClair, 2017.

Preferred Citation

ILC Dover Apollo Reports and Aperture Card Drawings Collection, Acc. 2016-0032, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access.

Conditions Governing Use

Material is subject to Smithsonian Terms of Use. Should you wish to use NASM material in any medium, please submit an Application for Permission to Reproduce NASM Material, available at [Permissions Requests](#) .

Biographical Note

ILC Dover is an American engineering development and manufacturing company that has been involved in space development and production programs since the 1960s. Best known for being awarded the prime contract for the Apollo Space Suits, ILC designed and manufactured the suit worn by astronauts in the Apollo program, including the twelve that walked on the moon. ILC has also designed and manufactured all space suits for NASA since the Apollo project, including the Space Suit Assembly portion of the Extravehicular Mobility Unit, worn by astronauts during performance of extra-vehicular activity on Space Shuttle missions and on the International Space Station.

Scope and Contents

This collection contains a combination of drawings, manuals, and reports relating to the space suits produced by ILC Dover, 1965-1972.

Arrangement

The collection is organized first by the one or two letter prefix and then by the drawing number. Two letter prefixes are used on all written documents and reports. Single letter prefixes are used exclusively on drawings and illustrations. The collection didn't include a key to decode what the lettered prefixes meant.

Container Listing

Series 1: ILC Dover Aperture Cards

Subseries 1.1: Specifications

Box 1, Item SP 101-07	Procurement Specification for Fecal Containment Subsystem, 2/24/1967, 2/14/1972 Notes: Punched Cards
Box 1, Item SP 101-08	Procurement Specification for Helmet Shell, 7/24/1967 Notes: Punched Cards
Box 1, Item SP 101-09	Procurement Specification for A-6L Liquid Cooling Garment, 6/14/1966, 3/15/1972 Notes: Punched Cards
Box 1, Item SP 101-10	Procurement Specification for Procurement Specification for Procurement Specification for Pressure Gage, 3/29/1967, 2/27/1969 Notes: Punched Cards
Box 1, Item SP 101-11	Procurement Specification for A-5L Liquid Cooling Garment, 2/8/1966 Notes: Punched Cards
Box 1, Item SP 101-12	Procurement Specification for Extravehicular Visor Assembly, 12/7/1966 Notes: Punched Cards
Box 1, Item SP 101-13	Procurement Specification for Communications Cap Ear Enclosures, 6/28/1966 Notes: Punched Cards
Box 1, Item SP 101-15	Procurement Specification for Communications Cap Electrical Harness, 6/27/1966 Notes: Punched Cards
Box 1, Item SP 101-17	Procurement Specification for Pressure Garment Assembly, Electrical Harness Sub-Assembly, 10/5/1967 Notes: Punched Cards
Box 1, Item SP 101-18	Procurement Specification for Electrical Harnesses, 9/6/1968 Notes: Punched Cards
Box 1, Item SP 101-21, CN SP101-21	Procurement Specification for Skylab Extravehicular Visor Assembly, 10/1/1971 Notes: Punched Cards
Box 1, Item SP 102-01	Acceptance Test Specification Convolute and Glove Bladder, 6/7/1966 Notes: Punched Cards

Box 1, Item SP 102-06	Acceptance Test Specification A-5L Liquid Cooling Garment, 3/24/1966 Notes: Punched Cards
Box 1, Item SP 102-10, CN SP102-10	Acceptance Test Specification Neck Disconnect Ring Assembly, 8/22/1967 Notes: Punched Cards
Box 1, Item SP 102-11	Acceptance Test Specification Arm Bearing Assembly, 7/5/1967 Notes: Punched Cards
Box 1, Item SP 102-12	Acceptance Test Specification, Feed Port, 7/11/1967 Notes: Punched Cards
Box 1, Item SP 102-13, CN SP102-13	Acceptance Test Specification, Gas Connector Assemblies, 12/18/1967 Notes: Punched Cards
Box 1, Item SP 102-14, CN SP102-14	Acceptance Test Specification, Wrist Disconnect, 6/6/1966 Notes: Punched Cards
Box 1, Item SP 102-15	Acceptance Test Specification, Fecal Containment Subsystem, 2/24/1967, 11/9/1968 Notes: Punched Cards
Box 1, Item SP 102-16, CN SP102-16	Acceptance Test Specification, Pressure Gage, 6/6/1966, 2/27/1969 Notes: Punched Cards
Box 1, Item SP 102-17	Acceptance Test Specification, Pressure Garment Assembly, Electrical Harness, 6/9/1966, 9/6/1968 Notes: Punched Cards
Box 1, Item SP 102-24	Acceptance Test Specification, Communications Cap Electrical Harness, 6/17/1966 Notes: Punched Cards
Box 1, Item SP 102-25	Acceptance Test Specification, Communications Cap Ear Enclosures, 6/17/1966 Notes: Punched Cards
Box 1, Item SP 102-26	Acceptance Test Specification, Dyed Textile Materials, 6/22/1966 Notes: Punched Cards
Box 1, Item SP 102-27	Acceptance Test Specification, Wrist Disconnect Test Fixtures, 10/5/1966 Notes: Punched Cards
Box 1, Item SP 102-28	Acceptance Test Specification, Neck Disconnect Ring Test Fixtures, 10/5/1966 Notes: Punched Cards
Box 1, Item SP 102-29	Acceptance Test Specification, Pressure Sealing Closure, 10/26/1967, 12/27/1967 Notes: Punched Cards
Box 1, Item SP 102-30	Acceptance Test Specification, Suit Mounted Pressure Relief Valve, 11/2/1967, 6/25/1970

	Notes:	Punched Cards
Box 1, Item SP 102-31, CN SP102-31	Acceptance Test Specification, Unsupported Rubber Dipped Goods, 12/31/1969 Notes:	Punched Cards
Box 1, Item SP 102-32, CN SP102-32	Acceptance Test Specification, Multiple Water Connector, 10/06/1967 Notes:	Punched Cards
Box 1, Item SP 102-33, CN SP1.2-33	Acceptance Test Specification, Pressure Garment Assembly, Bio-Harness, 10/11/1967 Notes:	Punched Cards
Box 1, Item SP 102-34	Acceptance Test Specification, Helmet Shell for the Apollo EMU Garment Program, 7/25/1968 Notes:	Punched Cards
Box 1, Item SP 102-35	Acceptance Test Specification, Metallic Vaporization Deposited Aluminized Films, 12/17/1968 Notes:	Punched Cards
Box 1, Item SP 102-38, CN SP102-38	Acceptance Test Specification, Gas Connector Assemblies, 1/27/1970 Notes:	Punched Cards
Box 1, Item SP 102-39, CN SP102-38	Acceptance Test Specification, Helmet Neck Ring Disconnect Assembly, 1/27/1970 Notes:	Punched Cards
Box 1, Item SP 102-40, CN SP102-40	Acceptance Test Specification, Wrist Disconnect, 1/27/1970 Notes:	Punched Cards
Box 1, Item SP 102-41, CN SP102-41	Acceptance Test Specification, Multiple Water Connector, 1/27/1970 Notes:	Punched Cards
Box 1, Item SP 102-43, CN SP102-43	Acceptance Test Specification, Manufacture of at A7LB Bladder Assembly, 12/29/1969 Notes:	Punched Cards
Box 1, Item SP 102-44	Acceptance Test Specification, LCG Connector Adapter Assembly, 1/27/1970 Notes:	Punched Cards
Box 1, Item SP 102-45	Acceptance Test Specification, Pressure Sealing Slide Fastener, 2/26/1971 Notes:	Punched Cards
Box 1, Item SP 102-46	Acceptance Test Specification, A7LB Suit Mounted Pressure Relief Valve, 5/14/1970 Notes:	Punched Cards
Box 1, Item SP 102-47	Acceptance Test Specification, Diverter Valve Assembly - A7LB, 9/24/1970 Notes:	Punched Cards

Box 1, Item SP 102-48, CN SP102-48	Acceptance Test Specification, A7LB Suit Mounted Pressure Relief Valve, 2/23/1971 Notes: Punched Cards
Box 1, Item SP 102-49	Acceptance Test Specification, A7L and A7LB Arm Bearing Assemblies, 2/25/1971 Notes: Punched Cards
Box 1, Item SP 102-04	Pre-Delivery Acceptance Test Specification, A-6L Pressure Garment Assembly, 6/17/1966 Notes: Punched Cards
Box 1, Item SP 102-07	Pre-Delivery Acceptance Test Specification, A-6L Liquid Cooling Garment, 6/17/1966 Notes: Punched Cards
Box 1, Item SP 102-08	Pre-Delivery Acceptance Test Specification, A-6L Thermal Meteoroid Garment, 6/17/1966 Notes: Punched Cards
Box 1, Item SP 102-09	Pre-Delivery Acceptance Test Specification, Emergency Oxygen System Probe, 6/15/1966 Notes: Punched Cards
Box 1, Item SP 102-18	Pre-Delivery Acceptance Test Specification, Emergency Oxygen Supply Probe Stowage Plate, 6/16/1966 Notes: Punched Cards
Box 1, Item SP 102-19	Pre-Delivery Acceptance Test Specification, Emergency Oxygen System Gas Connector Adapter, 7/13/1966 Notes: Punched Cards
Box 1, Item SP 102-20	Pre-Delivery Acceptance Test Specification, Pressure Garment Assembly Purge Fitting, 7/14/1966 Notes: Punched Cards
Box 1, Item SP 102-21	Pre-Delivery Acceptance Test Specification, Pressure Relief Valve, 6/14/1966, 12/1/1967 Notes: Punched Cards
Box 1, Item PC 88124G0009	Pre-Delivery Acceptance Test Specification, Apollo EMU Liquid Cooling Garment, 11/01/1966 Notes: Punched Cards
Box 1, Item PC 88124G0010	Pre-Delivery Acceptance Test Specification, Apollo EMU Thermal Meteoroid Garment, 1/04/1967 Notes: Punched Cards
Box 1, Item PC 88124G0011	Pre-Delivery Acceptance Test Specification, Apollo EMU Fecal Containment Subsystem, 9/16/1966

	Notes: Punched Cards
Box 1, Item PC 88124G0014, PC 22184G0015	Pre-Delivery Acceptance Test Specification, Apollo EMU Garment CEI Program, 11/01/1966 Notes: Punched Cards
Box 1, Item PC 88124G0016	Pre-Delivery Acceptance Test Specification, Emergency Oxygen System Probe, 9/15/1966 Notes: Punched Cards
Box 1, Item PC 88124G0017	Pre-Delivery Acceptance Test Specification, Emergency Oxygen System Probe Stowage Plate for Apollo Extravehicular Mobility Unit, 9/15/1966 Notes: Punched Cards
Box 1, Item PC 88124G0018	Pre-Delivery Acceptance Test Specification, Emergency Oxygen System Gas Connector Adapter, 9/15/1966 Notes: Punched Cards
Box 1, Item PC 88124G0019, PC 88124G0020	Pre-Delivery Acceptance Test Specification, Pressure Relief Valve, 9/15/1966 Notes: Punched Cards
Box 2, Item PC 88124G0038	Pre-Delivery Acceptance Test Specification, Extravehicular Visor Assembly for Apollo Extravehicular Mobility Unit, 12/29/1966 Notes: Punched Cards
Box 2, Item PC 88124G0045	Pre-Delivery Acceptance Test Specification, Apollo EMU Pressure Garment Assemblies Model A-7L, 11/20/1967 Notes: Punched Cards
Box 2, Item PC 8819700691, DN 8819700691, CN PC8819700691	Pre-Delivery Acceptance Test Specification, A7LB Separable Components and A7LB Garment Accessories, 3/09/1971 Notes: Punched Cards
Box 2, Item SP 102-37, DN SP102-37	Acceptance Specification, A7LB Convolute and Glove Bladder, 8/23/1971 Notes: Punched Cards
Box 2, Item SP 102-50, CN SP102-50	Acceptance Specification, Latex Blend and Related Process Solutions, 11/29/1971 Notes: Punched Cards
Box 2, Item SP 105-01, PC 88124G0023	Pre-Installation Acceptance Test Specification, A-6L Pressure Garment Assembly, 6/9/1966, 10/24/1967 Notes: Punched Cards
Box 2, Item PC 88124G0024	Pre-Installation Acceptance Test Specification, A-6L Liquid Cooling Garment Assembly (LCG), 7/05/1967 Notes: Punched Cards

Box 2, Item PC 88124G0025	Pre-Installation Acceptance Test Specification, A-6L Thermal Meteoroid Garment (TMG), 5/25/1967 Notes: Punched Cards
Box 2, Item PC 88124G0026	Pre-Installation Acceptance Test Specification, Apollo EMU Garment Accessories, 5/25/1967 Notes: Punched Cards
Box 2, Item PC 8819700722	Pre-Installation Acceptance Test Specification, Apollo A7LB Torso Limb Suit Assembly and A7LB Garment Accessories, 2/10/1972 Notes: Punched Cards
Box 2, Item SP 107-01	Specifications for Configuration Management Requirements for Subcontractors, 12/03/1965 Notes: Punched Cards
Box 2, Item SP 107-04	Specifications for Identification and Traceability, 5/03/1966 Notes: Punched Cards
Box 2, Item SP 107-05	Specifications for Preservation, Packaging, Handling, Storage and Shipping of A6L Contract End Items, 6/17/1966 Notes: Punched Cards
Box 2, Item SP 107-13	Specifications for Shipping, Storage and Handling of Age Sensitive Materials, 8/11/1971 Notes: Punched Cards
Box 2, Item SP 201-02	Specifications for Environmental Acceptance Criteria for Apollo EMU Garment CEI Program, 10/31/1966 Notes: Punched Cards
Box 2, Item SP 107-2	Quality Procurement Specifications for Supplier's Quality Control System, 5/10/1966, 4/22/1968 Notes: Punched Cards
Box 2, Item SP 107-07	Quality Procurement Specifications for Supplier's Inspection System, 10/11/1967 Notes: Punched Cards
Box 2, Item SP 107-03	Reliability Specification for Subcontractors, 8/30/1966 Notes: Punched Cards
Box 2, Item SP 107-08	Reliability Specification for Major Suppliers and Subcontractors, 10/06/1967 Notes: Punched Cards
Box 2, Item SP 107-09	Reliability Specification for Malfunction Reporting, 1/22/1968 Notes: Punched Cards
Box 2, Item SP 107-10	Reliability Specification for Performance of Failure Analysis and Corrective Action, 1/22/1968

	Notes: Punched Cards
Box 2, Item SP 108-01-01	Material Specification for Tubing, Plastic, Flexible, Modified PVC, 11/23/1966 Notes: Punched Cards
Box 2, Item SP 108-01-02	Material Specification for Fastener, Slide, Nylon, Chain, 1/18/1967 Notes: Punched Cards
Box 2, Item SP 108-01-04	Material Specification for Thread, Nylon, Stretched, 3 Ply, 5/24/1966 Notes: Punched Cards
Box 2, Item SP 108-01-05	Material Specification for Sheets, Abs, Theromplastic, Rigid, 5/24/1966 Notes: Punched Cards
Box 2, Item SP 108-01-06, CN SP108-01-06	Material Specification for Cloth, Twill, Nylon, Neoprene, 12/21/1967 Notes: Punched Cards
Box 2, Item SP 108-01-07	Material Specification for Cloth, Dacron, and Cotton Blend, 4/13/1967 Notes: Punched Cards
Box 2, Item SP 108-01-08	Material Specification for Tape, Nylon, Chloroprene Coated, 5/24/1966 Notes: Punched Cards
Box 2, Item SP 108-01-09	Material Specification for Cloth, Coated and Laminated, Neoprene or Nylon, 13.7 Ounce, 5/04/1967 Notes: Punched Cards
Box 2, Item SP 108-01-10	Material Specification for Cloth, Nylon, Tricot, 2/24/1969 Notes: Punched Cards
Box 2, Item SP 108-01-11, CN SP108-01-11	Material Specification for Coated, Nylon, Ripstop, Neoprene Coated, 7/11/1967 Notes: Punched Cards
Box 2, Item SP 108-01-12	Material Specification for Cloth, Polyester, Non-Woven, 7/13/1971 Notes: Punched Cards
Box 2, Item SP 108-01-13	Material Specification for Cloth, Nylon Spandex, 5.5 Ounce, 5/05/1966 Notes: Punched Cards
Box 2, Item SP 108-01-14	Material Specification for Cloth, Nylon Spandex, 6 Ounce, 12/09/1966 Notes: Punched Cards
Box 2, Item SP 108-01-16	Material Specification for Webbing, Nylon, Woven, 1 Inch, 6/19/1966 Notes: Punched Cards
Box 2, Item SP 108-01-17	Material Specification for Tape, Loop, Nylon, 5/26/1966 Notes: Punched Cards

Box 3, Item SP 108-01-18, CN SP108-01-18	Material Specification for Tape, Twill, Nylon, 5/26/1966 Notes: Punched Cards
Box 3, Item SP 108-01-19	Material Specification for Tape, Elastic, 5/31/1966 Notes: Punched Cards
Box 3, Item SP 108-01-20, CN 108-01-20	Material Specification for Webbing, Nylon, Reinforcing, 11/23/1966, 3/04/1966 Notes: Punched Cards
Box 3, Item SP 108-01-21	Material Specification for Tape, Mylar, Aluminized, Pressure Sensitive, 12/09/1969 Notes: Punched Cards
Box 3, Item SP 108-01-26	Material Specification for Tubing, Plastic, TFE, Non-Rigid, 12/09/1966 Notes: Punched Cards
Box 3, Item SP 108-01-31	Material Specification for Cloth, Nylon Mesh, 4/13/1967 Notes: Punched Cards
Box 3, Item SP 108-01-32	Material Specification for Foam, Polyurethane, Non-Rigid, 5/24/1966 Notes: Punched Cards
Box 3, Item SP 108-01-33	Material Specification for Cloth, Chiffon, Nylon, 4/7/1967 Notes: Punched Cards
Box 3, Item SP 108-01-34	Material Specification for Cloth, Nomex, 6 Ounce, 8/25/1966 Notes: Punched Cards
Box 3, Item SP 108-01-37	Material Specification for Felt, Nomex, 4/13/1967 Notes: Punched Cards
Box 3, Item SP 108-01-40	Material Specification for Film, Polyurethane, 7/27/1966 Notes: Punched Cards
Box 3, Item SP 108-01-42	Material Specification for Steel, Sheet and Plate, Cres 17-4, 6/10/1966 Notes: Punched Cards
Box 3, Item SP 108-01-45	Material Specification for Webbing, Elastic, 2 Inch, 6/10/1966 Notes: Punched Cards
Box 3, Item SP 108-01-46, CN SP108-01-46	Material Specification for Cloth, Ripstop Nylon, Neoprene Coated, 3.5 Ounce, 6/10/1966 Notes: Punched Cards
Box 3, Item SP 108-01-47	Material Specification for Fabric, Teflon, 5 Ounce, 4/07/1967 Notes: Punched Cards

Box 3, Item SP 108-01-48	Material Specification for Fabric, Woven, Nylon Monofilament, 7/01/1966 Notes: Punched Cards
Box 3, Item SP 108-01-49	Material Specification for Cloth, Dacron Satin, 7/12/1966 Notes: Punched Cards
Box 3, Item SP 108-01-50	Material Specification for Cloth, Nylon, Urethane Coated, 5/04/1967 Notes: Punched Cards
Box 3, Item SP 108-01-51, CN SP108-01-51	Material Specification for Fastener, Slide, Nylon Chain, Non-Separating, 5/09/1967 Notes: Punched Cards
Box 3, Item SP 108-01-53	Material Specification for Tape, Nylon, Neoprene Coated with Gum Adhesive, 9/06/1967 Notes: Punched Cards
Box 3, Item SP 108-01-54	Material Specification for Cloth, Nylon, Twill, Neoprene Coated, 7.5 Ounce, 10/06/1967 Notes: Punched Cards
Box 3, Item SP 108-01-57	Material Specification for Polycarbonate Sheet, Clear, UV Stabilized, 2/21/1969 Notes: Punched Cards
Box 3, Item SP 108-01-58, CN SP108-01-58	Material Specification for Tape, Nylon/Neoprene, Pressure Sealing, 3/14/1969 Notes: Punched Cards
Box 3, Item SP 108-01-59, CN SP108-01-59	Material Specification for Circular Knit, Stretch Nylon, 1/28/1970 Notes: Punched Cards
Box 3, Item SP 108-01-60, CN SP108-01-60	Material Specification for Cloth, Coated, White, Flame Resistant, 5/08/1970 Notes: Punched Cards
Box 3, Item SP 108-01-61	Material Specification for Fabric, Multi-Filament, 11/17/1971 Notes: Punched Cards
Box 3, Item SP 108-02-44	Material Specification for Dee Rings, 10/19/1966 Notes: Punched Cards
Box 3, Item SP 108-02-56	Material Specification for Swivel, Cable End, 8/21/1968 Notes: Punched Cards
Box 3, Item SP 108-03-03	Material Specification for Adhesive, Resin, Two-Part, 5/24/1966 Notes: Punched Cards

Box 3, Item SP 108-03-27	Material Specification for Epoxy Adhesive, Fluorocarbon Bonding, 6/10/1966 Notes: Punched Cards
Box 3, Item SP 108-03-43	Material Specification for Adhesive, Epoxy, 5/25/1966 Notes: Punched Cards
Box 3, Item SP 108-04-23	Material Specification for Coating, Metal Primer, 5/16/1966 Notes: Punched Cards
Box 3, Item SP 108-04-41	Material Specification for Coating, Polyurethane, 5/16/1966 Notes: Punched Cards
Box 3, Item SP 108-01-38	Process Specification for Manufacture of the Fecal Containment Subsystem, 8/20/1966 Notes: Punched Cards
Box 3, Item SP 109-01-17, CN SP109-01-17	Process Specification for Pressure Garment Assembly (PGA) Manufacturing, 3/07/1967 Notes: Punched Cards
Box 3, Item SP 109-01-18	Process Specification for TMG Manufacturing, 3/08/1967 Notes: Punched Cards
Box 3, Item SP 109-01-19	Process Specification for Assembly of Pressure Sealing Zipper Slider Pull Loop and Female Half Snap Fastener Assembly, 7/14/1966 Notes: Punched Cards
Box 3, Item SP 109-01-21, CN SP109-01-21	Process Specification for Manufacture of the Helmet Stowage Bag, 8/20/1969 Notes: Punched Cards
Box 3, Item SP 109-01-22	Process Specification for Manufacture of the EMU Maintenance Kit, 10/12/1966 Notes: Punched Cards
Box 3, Item SP 109-01-24	Process Specification for Fabrication of Neoprene Parts From Uncured Stock, 9/19/1966 Notes: Punched Cards
Box 3, Item SP 109-01-27	Process Specification for Application of Heat-Shrinkable Tubing, 11/01/1966 Notes: Punched Cards
Box 3, Item SP 109-01-28	Process Specification for Slide Fastener Assembly, 10/20/1967 Notes: Punched Cards
Box 3, Item SP 109-01-30	Process Specification for Manufacture of the Apollo A7L ITMG, TMG Gloves and Lunar Boots, 11/23/1969 Notes: Punched Cards

Box 3, Item SP 109-01-31	Process Specification for Foam Molding of Helmet Vent Pad A7L-102001-01, 12/11/1967 Notes: Punched Cards
Box 3, Item SP 109-01-32	Process Specification for Vacuum Forming of Polycarbonate Sheet, 2/02/1970 Notes: Punched Cards
Box 3, Item SP 109-01-33	Process Specification for Molding of Silicone Rubbe Parts, 12/15/1967 Notes: Punched Cards
Box 3, Item SP 109-01-34	Process Specification for Manufacture of the Apollo A7L Intravehicular Coverlayer (IVCL), 11/23/1969 Notes: Punched Cards
Box 3, Item SP 109-01-36, CN SP109-01-36	Process Specification for Compression Molding of Fluorel Parts, 5/11/1970 Notes: Punched Cards
Box 3, Item SP 109-01-37	Process Specification for Solvated Fluorel Coating Application, 2/01/1971 Notes: Punched Cards
Box 3, Item SP 109-01-38	Process Specification for Manufacture of the Fecal Containment Subsystem, 8/29/1968 Notes: Punched Cards
Box 3, Item SP 109-01-39, CN SP109-01-39	Process Specification for A7L Lunar ITMG, 10/23/1969 Notes: Punched Cards
Box 3, Item SP 109-01-40	Process Specification for Manufacture pf the A7LB ITMG, Coverlayer, Lunar Boot, Abrasion Cover Glove and EV Glove, Thermal Micro-Meteroid Assembly, 1/22/1971 Notes: Punched Cards
Box 3, Item SP 109-01-42, CN SP109-01-42	Process Specification for A7LB Torso Limb Suit Assembly and Glove Manufacturing, 2/01/1972 Notes: Punched Cards
Box 3, Item SP 109-01-44, CN SP109-01-44	Process Specification for Liquid Cooling Garment (LCG), 8/14/1970 Notes: Punched Cards
Box 3, Item SP 109-01-45	Process Specification for Pre-Shrinking Nylon Spandex Material ST11LO26, 2/25/1970 Notes: Punched Cards
Box 3, Item SP 109-01-46	Process Specification for The Manufacture of the A7LB Slide Fastener Assembly, 7/13/1971 Notes: Punched Cards

Box 3, Item SP 109-01-47, CN SP109-01-47	Process Specification for Vacuum Forming of Polypropylene Sheet, 5/27/1971 Notes: Punched Cards
Box 3, Item SP 109-01-49	Process Specification for Vacuum Forming of Acrylic PVC Alloy, 6/18/1971 Notes: Punched Cards
Box 3, Item SP 109-01-50	Process Specification for SEVA Stowage Bag, 10/06/1971 Notes: Punched Cards
Box 3, Item SP 109-01-51	Process Specification for Manufacture of the OWS PGA Maintenance Kit, 10/06/1971 Notes: Punched Cards
Box 3, Item SP 109-01-52	Process Specification for Vacuum Forming of Fluorohalocarbon, 3/01/1972 Notes: Punched Cards
Box 3, Item SP 109-03-07	Process Specification for Bonding of TFE to Metal, 5/06/1969 Notes: Punched Cards
Box 3, Item SP 109-03-11	Process Specification for Application of Thread-Locking Compound, 6/10/1966 Notes: Punched Cards
Box 3, Item SP 109-03-25, CN SP109-03-25	Process Specification for Cementing and Sealing, 10/05/1967 Notes: Punched Cards
Box 3, Item SP 109-04-03, CN 109-04-03	Process Specification for Dyeing of Anodic Coatings, 1/28/1970 Notes: Punched Cards
Box 3, Item SP 109-03-43, DN SP109-03-43	Process Specification for Application of Thread Locking Compound for A7LB PGA/ A6L LCG, 5/06/1970 Notes: Punched Cards
Box 3, Item SP 109-04-23	Process Specification for Alodine Touch-Up of Anodized Aluminum Parts, 9/14/1966 Notes: Punched Cards
Box 3, Item SP 109-05-35	Process Specification for Pressure Helmet Assembly Manufacturing, 9/06/1968 Notes: Punched Cards
Box 3, Item SP 109-06-05	Process Specification for Cleaning of Metal, 6/10/1971 Notes: Punched Cards
Box 3, Item SP 109-08-12	Process Specification for Vacuum Forming of ABS Thermoplastic Sheet, 8/27/1971 Notes: Punched Cards

Box 3, Item SP 109-08-14	Process Specification for Application of Swaging Sleeves, 6/10/1966 Notes: Punched Cards
Box 3, Item SP 109-08-16	Process Specification for Riveting, 6/15/1966 Notes: Punched Cards
Box 3, Item SP 109-08-26, CN SP109-08-26	Process Specification for Swaging of Cable Terminals, 11/02/1966 Notes: Punched Cards
Box 4, Item SPCD 1011, CN SPCD1011	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Helmet Stowage Bag for Apollo Extravehicular Mobility Unit, 1/06/1967 Notes: Punched Cards
Box 4, Item SPCD 1012, parts 1 and 2, CN SPCD1012	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Apollo Extravehicular Mobility Unit, 9/17/1969 Notes: Punched Cards
Box 4, Item SPCD 1013, parts 1 and 2	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Emergency Oxygen System Probe for Apollo Extravehicular Mobility Unit, 11/04/1966 Notes: Punched Cards
Box 4, Item SPCD 1014, parts 1 and 2	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Emergency Oxygen System Probe Stowage Plate for Apollo Extravehicular Mobility Unit, 11/04/1966 Notes: Punched Cards
Box 4, Item SPCD 1015, parts 1 and 2, CN SPCD1015	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Fecal Containment Subsystem for Apollo Extravehicular Mobility Unit, 7/14/1969 Notes: Punched Cards
Box 4, Item SPCD 1016, parts 1 and 2	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Emergency Oxygen System Adapter for Apollo Extravehicular Mobility Unit, 11/04/1966 Notes: Punched Cards
Box 4, Item SPCD 1017, parts 1 and 2	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Pressure Relief Valve for Apollo Extravehicular Mobility Unit, 11/04/1966 Notes: Punched Cards
Box 4, Item SPCD 1018, parts 1 and 2, CN SPCD1018	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Pressure Garment Assembly Purge Valve for Apollo Extravehicular Mobility Unit, 3/24/1969 Notes: Punched Cards

Box 4, Item SPCD 1019, CN SPCD1019	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Helmet Shield for Apollo Extravehicular Mobility Unit, 6/06/1968 Notes: Punched Cards
Box 4, Item SPCD 2012, CN SPCD2012	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for OWS PGA Maintenance Kit for Skylab Extravehicular Mobility Unit, 6/10/1971 Notes: Punched Cards
Box 4, Item SPCD 1022, CN SPCD1022	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Liquid Cooling Garment Adapter, Interconnect for Apollo Extravehicular Mobility Unit, 7/15/1970 Notes: Punched Cards
Box 4, Item SPCP 1001, CNCP1001	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Pressure Garment Assembly for Apollo Extravehicular Mobility Unit, 5/20/1966 Notes: Punched Cards
Box 4, Item SPCP 1002, parts 1 and 2, CN SPCP1002	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Liquid Cooling Garment for Apollo Extravehicular Mobility Unit, 10/10/1969 Notes: Punched Cards
Box 5, Item SPCP 1003	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Thermal Meteoroid Garment for Apollo Extravehicular Mobility Unit, 11/04/1966 Notes: Punched Cards
Box 5, Item various	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Constant Wear Garment, Electrical Harness Assembly for Apollo Extravehicular Mobility Unit, 5/27/1969 Notes: Punched Cards
Box 5, Item SPCD 2001, parts 1 and 2, CN SPCD2001	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for A7L Pressure Garment Assembly with Integrated Thermal Meteoroid Garment for Apollo Extravehicular Mobility Unit, 10/10/1969 Notes: Punched Cards
Box 5, Item SPCP 2002, CN SPCP2002	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Liquid Cooling Garment for Apollo Extravehicular Mobility Unit, 1/30/1970 Notes: Punched Cards
Box 5, Item SPCP 2004, parts 1 and 2, CN SPCP2004	Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Lunar Extravehicular Visor Assembly for Apollo Extravehicular Mobility Unit, 3/18/1969 Notes: Punched Cards

Box 5, Item SPCP
3001, parts 1, 2 and 3
and amendments, CN
SPCP3001

Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for A7LB Pressure Garment Assembly with Intravehicular Cover Layer, 1/30/1970
Notes: Punched Cards

Box 5, Item SPCP
3004, parts 2 and 3,
CN SPCP3004

Contract End Item Detail Specification, Performance/Design and Product Configuration Requirements for Skylab Extravehicular Visor Assembly for Skylab Extravehicular Mobility Unit, 10/07/1971
Notes: Punched Cards

Subseries 1.2: Procedures

Box 6

Scope and Punched Cards
Contents:

Box 6, Item PC
812-119

Production Acceptance Test Procedure for CSL-SIP, Suit Harness, 8/14/1969
Notes: Punched Cards

Box 6, Item PC
88124700346

Procedure for Stowage of A6L Liquid Cooling Garment in the Apollo Command Module, 1/20/1967
Notes: Punched Cards

Box 6, Item PC
88124700345

Procedure for Stowage of A6L Pressure Garment Assembly in the Apollo Command Module, 1/20/1967
Notes: Punched Cards

Box 6, Item PC
88124G0001, DN
88124G0001

Acceptance Procedure for Apollo EMU Garment Assembly Components, Sub-Assemblies and Spare Parts, 2/27/1968
Notes: Punched Cards

Box 6, Item PC
8812700298

Documentarion Procedures for Data Accumulation and Processing per Apollo Requirement Documents 001, 9/01/1966
Notes: Punched Cards

Box 6, Item PC
8812700320

Design Verification Test Procedures -- Cycle Testing of the Apollo EMU Pressure Garment Assembly, Model A6L-017, 10/06/1967
Notes: Punched Cards

Box 6, Item PC
8812700679

Design Verification Test Procedures -- A7LB Pressure Garment Assembly and A6LB Liquid Cooling Garment for Lunar Surface Extravehicular Activity, Contract No. NAS 9-6100, 2/13/1970
Notes: Punched Cards

Box 6, Item PC
8821700758

Design Verification Test Procedures -- A7LB Circumferential Pressure Sealing and Restraint Slide Fastener Assemblies, 7/01/1970
Notes: Punched Cards

Box 6, Item PC 8852701152	Design Verification Test Procedures -- 8.0 PSIG Emergency Intravehicular Suit Assembly (EIS), Contract No. NAS 9-12995, 3/01/1974 Notes: Punched Cards
Box 6, Item PC 88124G0002	Pre-Delivery Acceptance Inspection and Test Procedures Pressure Garment Assembly, A5-L, 4/13/1966 Notes: Punched Cards
Box 6, Item PC 88124G0004	Pre-Delivery Acceptance Inspection and Test Procedures Pressure Garment Assembly, A5-L and A6-L, 2/18/1966 Notes: Punched Cards
Box 6, Item PC 88124G0007	Pre-Delivery Acceptance Inspection and Test Procedures Apollo EMUPressure Garment Assemblies, Model A6L, 11/01/1966 Notes: Punched Cards
Box 6, Item PC 88124G0003	Preliminary Inspection and Test Procedure for Pressure Garment Assembly, A5-L, 4/15/1966 Notes: Punched Cards
Box 6, 7, Item PC 88124G0050 A-E, DN PC88124G0050 A-E	Test and Check-Out Procedures for Pressure Garment Assemblies and Garment Accessories, 2/28/1969 Notes: Punched Cards
Box 7, Item PC 8812700483	Test and Check-Out Procedures for Design Limit Cycling of the Apollo Extravehicular Mobility Unit Garment Items for Earth Orbit Qualification, 4/23/1969 Notes: Punched Cards
Box 7, Item PC 88124G0059	Operation, Maintenance, Servicing Procedure for Fit Check Room for Apollo EMU Garment CEI Program, 1/29/1970 Notes: Punched Cards
Box 7, Item PC 88124G0062	Operation, Maintenance, Servicing Procedure for Qual Test Panel, 4/15/1970 Notes: Punched Cards
Box 7, Item PC 88124P0005, DN PC88124P0005	Quality and Reliability Process Control Procedures for Apollo EMU Garment CEI Program, 9/05/1969 Notes: Punched Cards
Box 7, Item MA 88124G0057	Quality and Reliability Process Control Procedures for Implementing Procedures Manual for Apollo EMU Garment CEI Program, NAS 9-6100, 4/25/1969 Notes: Punched Cards
Box 7, Item PC 8812700349, DN PC8812700349, MA 8812700349, DN MA8812700349, DN 8812700349	Standard Repair Procedure Manual for Apollo EMU Garment CEI Program, 1/06/1967 Notes: Punched Cards

Box 7, Item PC 8812700421	Interim Procedures for Removal and Installation of the PGA Liner and ITMG Used on A6L-005 and -014 Torso Limb Suit Assemblies, 10/24/1967 Notes: Punched Cards
Box 7, Item PC 8812700449	Qualification Test Procedures for Design Limit Cycling of the Apollo Extravehicular Mobility Unit -- Garment Items, 2/08/1968 Notes: Punched Cards
Box 7, Item PC 8812700581	Qualification Test Procedures for Mission C Design Limit Cycling of the Apollo EMU Garment Items, Contract No. NAS 9-6100, 10/14/1968 Notes: Punched Cards
Box 7, Item PC 881700539	Qualification Test Procedures for Mission D Design Limit Cycling of the Apollo EMU Garment Items, Contract No. NAS 9-6100, 11/07/1968 Notes: Punched Cards
Box 7, 8, Item PC 8812700575, TR 8812700620 Vol 1	Qualification Test Procedures for Mission G (Lunar Surface) Design Limit Cycling of the Apollo EMU Garment Items, Contract No. 9-6100, 2/03/1969 Notes: Punched Cards
Box 9, Item PC 8821700790	Qualification Test Procedures for Delta Design Limit Cycling of the A7L Arm Assembly, LCG Arm Interface and EV Gloves for Apollo 12, Contract No NAS 9-6100, 9/21/1970 Notes: Punched Cards
Box 9, Item PC 8821700820	Qualification Test Procedures for Delta Design Limit Cycling of the A7L Redesigned Thigh Convolute Assembly for Apollo 14, Contract No. NAS 9-6100, 12/14/1970 Notes: Punched Cards
Box 9, Item PC 8821700688	Qualification Test Procedures for Design Limit Cycling of the A7L Redesigned Boot Bladder Assembly, Contract No. NAS 9-6100, 1/09/1970 Notes: Punched Cards
Box 9, 10, 11, Item TR 8812700513	Qualification Test Procedures for Sequence "B", Earth-Orbit Design-Limit Cycling, A-7L-002 EMU, 07/29/1968 Notes: Punched Cards

Subseries 1.3: Master Manuals

Box 11, Item PC 88124G0008, DN 88124G0008, DN PC88124G0008	Cleaning, Preservation, Packaging, Handling, Shipping and Storage, 1/30/1970 Notes: Punched Cards
Box 11, Item PC 881900721, MA 8819700721, DN	Cleaning, Preservation, Packaging, Handling, Shipping and Storage of A7LB PGA Separable Components and Garment Accessories, 7/21/1970 Notes: Punched Cards

PC8819700721, CN
PC8819700721

Box 11, Item PC 8819700889, DN PC8819700889	Cleaning, Preservation, Packaging, Handling, Shipping and Storage of Apollo/ Skylab Age Sensitive Materials, 6/30/1971 Notes: Punched Cards
Box 11, Item SP 107-11	Test Methods -- Textile Test Methods for Fabrics, 1/28/1970, 1/19/1971 Notes: Punched Cards
Box 11, Item PC 88224G0060, DN PC88224G0060	Receiving Inspection for A7LB Torso Limb Suit Assembly, Garment Accessories and Spares, 8/19/1970 Notes: Punched Cards
Box 11, Item IC 13M13402	SEVA and SEVA Bag to OWS Mechanical Requirements, Stowage P/N TBD, 4/21/1971 Notes: Punched Cards
Box 11, Item DN PC8819700723, CN MA8819700723	Flight Pre-Installation Acceptance Test Procedure for Skylab A7LB Separable Components and Associated CEIs, 1/23/1973 Notes: Punched Cards
Box 11, Item PL 8812700002	Standard Procedure for Apollo Interface Control Documents Notes: Punched Cards
Box 11, Item TR 8821700697	Design Limit Cycling of the A7L Redesigned Boot Bladder Assembly, 05/05/1970 Notes: Punched Cards
Box 11, Item MA 80004G0053	Calibration, 6/30/1971 Notes: Punched Cards
Box 11, 12, Item MA 8812700149	Familiarization and Operations Manual for Model A7L, Apollo Block II, Contract End Items, 2/14/1969 Notes: Punched Cards
Box 12, Item MA 8812700150	Maintenance Manuals for Model A6L/A7I Apollo Block II, Contract End Items, 2/28/1969 Notes: Punched Cards
Box 13, 14, Item MA 8812700348	Illustrated Parts Breakdown for Model A6L/A7L, Apollo Block II, Contract End Items, 2/28/1969 Notes: Punched Cards
Box 14, Item PL 8812700500, MA 8812700500	Location and Identification of Hook and Pile Fastener Tape, Apollo EMU Garments and Garment Accessories, 5/10/1968, 7/30/1969 Notes: Punched Cards
Box 14, 15, Item MA 8819700712, CN	Maintenance Manual for Model A7LB, Apollo and Skylab Space Suits, 11/09/1971 Notes: Punched Cards

MA8819700712C38,
 DN
 MA8819700712C39-46

Box 15, Item MA 8819700713CHG5, CN MA8819700713CH77-87
 Illustrated Parts Breakdown for Model A7LB, Apollo and Skylab Space Suit --
 Change Notice, 10/07/1791
 Notes: Punched Cards

Box 15, Item MA 8819700764
 Location and Identification of Hook and Pile Fastener Tape, Apollo A7LB, Apollo
 EMU Garments and Garment Accessories, 4/10/1972
 Notes: Punched Cards

Box 15, Item LI 8812700417
 A7L Parts and Materials List for Apollo EMU Garment CEI Program, 9/09/1970
 Notes: Punched Cards

Box 15, Item LI 8822400876
 A7LB Parts and Materials List for Apollo EMU Garment CEI Program, 7/12/1971
 Notes: Punched Cards

Box 15, Item various
 Misc. Parts Lists
 Notes: Punched Cards

Subseries 1.4: Non-ILC Dover Manufacturer's Cards

Scope and Punched Cards
 Contents:

Box 15, Item various
 Hamilton Standard, various
 Notes: Punched Cards

Box 15, Item various
 Dyna Magnetic, various
 Notes: Punched Cards

Box 15, Item various
 Whirlpool Corporation, various
 Notes: Punched Cards

Box 15, Item various
 LTV Aerospace Corporation, various
 Notes: Punched Cards

Box 15, Item various
 North American, various
 Notes: Punched Cards

Box 15, Item various
 Grumman Aircraft Engineering Corp., various
 Notes: Punched Cards

Box 15, 16, Item various
 Department of Defense, various
 Notes: Punched Cards

Subseries 1.5: Unknown CardsScope and Punched Cards
Contents:Box 16, Item various Cards with no markings or punches, various
Notes: Punched CardsBox 16, 17, Item Cards with minimal markings and no punches, various
various Notes: Punched Cards**Subseries 1.6: Miscellaneous ILC Reports**Scope and Punched Cards
Contents:Box 17, Item ED Apollo Block II EMU, Reliability Failure Mode and Criticality Effects Analysis,
88124L0002 10/29/1968
Notes: Punched CardsBox 17, Item ED Information Package on Silver Brazing, 05/16/1966
8812700034-14G, PR Notes: Punched Cards
88124P0001Box 17, Item ED Action Items as a result of the General A6L EMU Design Review, 04/03/1967
8812700374 Notes: Punched CardsBox 17, Item ED Action Items Resulting From the Integral TMG Design Review at NASA/MSC,
8812700395 05/25/1967
Notes: Punched CardsBox 17, Item ED Statement of Work Training ITMG Torso and Limb Suit and Boot Fabrication,
8812700437 10/30/1967
Notes: Punched CardsBox 17, Item ED Apollo/Skylab Contract NAS 9-6100 Schedule IV, Cost Collection System,
8819700822 01/05/1973
Notes: Punched CardsBox 17, Item ED Hazard Analysis for the Skylab EMU Garment Assemblies and CEI Separable
8819700912 Components, 12/10/1971
Notes: Punched CardsBox 17, Item ED Failure Mode, Effect and Criticality Analysis for Apollo EMU Garment CEI Program,
88224L0005 05/24/1971
Notes: Punched CardsBox 17, Item ED Failure Mode, Effect and Criticality Analysis for Skylab EMU CEI Program,
88324L0007 10/21/1971
Notes: Punched Cards

Box 18, Item ED
8812700064A Statement of Work, Apollo Block II Bubble Helmet Shell and Extravehicular Visor
Assembly Development Program
Notes: Punched Cards

Box 18, Item various Stock Status Reports, 1966
Notes: Punched Cards

Box 18, Item PR
881270016621 Post-PDR Discussion Between NASA/MSC and ILC, 03/10/1966
Notes: Punched Cards

Box 18, Item TR
8821700917 Test Readiness Review for Qualification Design Limit Cycling of ILC Compounded
Rubber Components for Apollo 16 and Subsequent, 09/09/1971
Notes: Punched Cards

Box 18, Item SPCP
1004 parts 1-2 Specification Change Logs, 08/14/1968
Notes: Punched Cards

Subseries 1.7: Activity/Progress Reports

Scope and Punched Cards
Contents:

Box 18, Item various 1966, 1966
Notes: Punched Cards

Box 18, 19, Item
various 1967, 1967
Notes: Punched Cards

Box 20, Item various 1968, 1968
Notes: Punched Cards

Box 20, Item various 1969, 1969
Notes: Punched Cards

Subseries 1.8: Meetings of Minutes

Scope and Punched Cards
Contents:

Box 20, Item ED
88124B0383 Minutes of Failure Review Meeting Between ILC/NASA Conducted at ILC on March
28 -29, 1967, 03/30/1967
Notes: Punched Cards

Box 20, Item ED
881270000521NO37 Minutes of Engineering Coordination Meeting Between NASA/MSC and ILC,
03/11/1966
Notes: Punched Cards

Box 20, Item ED
881270017321N10 Minutes of Delta Critical Design Review for A-6L Pressure Garment Assembly,
07/15/1966

	Notes:	Punched Cards
Box 20, Item ED 881270017421N11	Minutes of Preliminary Design Review for A-6L Thermal Meteoroid Garment and Fecal Containment Subsystem and Delta Preliminary Design Review for A-6L Liquid Cooling Garment, 07/15/1966	Notes: Punched Cards
Box 20, Item ED 881270029521N20	Minutes of Preliminary Design Review for A-6L Extravehicular Visor Assembly (EVA), 11/07/1966	Notes: Punched Cards
Box 20, Item ED 881270029621N16	Minutes of Critical Design Review for Garment Accessories (EDS Probe) (EOS Probe Stowage Plate)(EOS Gas Connector Adapter)(Pressure Relief Valve)(PGA Purge Fitting), 09/21/1966	Notes: Punched Cards
Box 20, Item ED 881270030121N14	Minutes of First Article Configuration Inspection for A-6L Pressure Garment Assembly and A-6L Liquid Cooling Garment, 10/03/1966	Notes: Punched Cards
Box 20, Item ED 881270030221N17	Minutes of PDR and CDR for A-6L Garment Accessories (Helmet/EVA Stowage Bag) (EMU Maintenance Kit), 11/07/1966	Notes: Punched Cards
Box 21, Item ED 881270030321N18	Minutes of Delta CDR for A-6L Garment Accessories (EOS Probe) (EOS Probe Stowage Plate) (Fecal Containment Subsystem) (EOS Gas Connector Adapter) (Pressure Relief Valve) (PGA Purge Fitting), 11/07/1966	Notes: Punched Cards
Box 21, Item ED 881270030621N22	Minutes of Preliminary Design Review for Garment Accessories (EOS Probe) (EOS Probe Stowage Plate) (EOS Gas Connector Adapter) (Pressure Relief Valve) (PGA Purge Fitting), 11/07/1966	Notes: Punched Cards
Box 21, Item ED 881270034721N24	Minutes of Critical Design Review for A-6L Extravehicular Visor Assembly (EVVA), 10/12/1967	Notes: Punched Cards
Box 21, Item ED 881270016921NO27	Minutes of Design Review for A-6L Thermal Meteoroid and Liquid Cooled Garments Between NASA/MSC and ILC, 03/09/1966	Notes: Punched Cards
Box 21, Item ED 881270017021NO77	Minutes of Critical Design Review for A-6L Fecal Containment Subsystem, 07/15/1966	Notes: Punched Cards
Box 21, Item ED 881270017121N87	Minutes of Critical Design Review for A-6L Thermal Meteoroid Garment, 07/15/1966	Notes: Punched Cards

Box 21, Item ED 881270017221NO97	Minutes of Critical Design Review of A-6L Liquid Cooling Garment, 07/15/1966 Notes: Punched Cards
Box 21, Item ED 8812700352	Minutes of the TMG Design Review for Units 007 and SUB, 04/25/1967 Notes: Punched Cards
Box 21, Item ED 8812700409	Minutes of the Delta Critical Design Review for the A-7L Pressure Garment Assembly and Apollo EMU Garment CEI Program, 10/05/1967 Notes: Punched Cards
Box 21, Item ED 8812700419	Minutes of Review Meeting NASA at ILC for Verification of PGAs A-6L 005 and 014, 23-24 August 1967, 09/28/1967 Notes: Punched Cards
Box 21, Item ED 8812700423	Minutes of 2nd PGA Delta CDR (Technical Splinter Group), 09/07/1967 Notes: Punched Cards
Box 21, Item ED 881270073121N57	Minutes of Design Review for A67 LCG, Meeting Number 21-N-57, 03/13/1970 Notes: Punched Cards
Box 21, Item ED 881270045821N39	Minutes of Meeting -- Pressure Sealing Closure, 11/20/1967 Notes: Punched Cards
Box 21, Item ED 1270054221N49	Minutes of Critical Design Review for Lunar ITMG for Apollo EMU Garment CEI Program, 01/22/1969 Notes: Punched Cards
Box 21, Item ED 881270056721N41	Minutes of First Article Configuration Inspection of CEI 2001A (A-7L PGA), 07/09/1968 Notes: Punched Cards
Box 21, Item ED 881270056821N42	Minutes of First Article Configuration Inspection of CEI 1012A (EMU Maintenance Kit) or CEI 1015A (Fecal Containment System), 08/23/1968 Notes: Punched Cards
Box 21, Item ED 881270056921N43	Minutes of First Article Configuration Inspection of CEI #2001A (A-7L PGA) -- Glove Comfort Liner, Neck Dam Assembly, Integrated Pressure Relief Valve and PLSS Buckles, Upper and Lower, 03/21/1968 Notes: Punched Cards
Box 21, Item ED 881270057121N45	Minutes of First Article Configuration Inspection of CEI #2001A (A-7L PGA) -- Integrated Thermal Micrometeoroid Garment, 03/22/1968 Notes: Punched Cards
Box 21, Item ED 881270057321N47	Minutes of First Article Configuration Inspection (Shortage Items for November FACI), ILCI Contract End Item 2001B, 05/14/1968 Notes: Punched Cards

Box 22, Item ED 881270058321N51	Minutes of Meeting #21-N-51, 01/21/1969 Notes: Punched Cards
Box 22, Item ED 881270058351N21	Minutes of Meeting #21-N-51 and First Configuration Inspection of CEI #1018 Purge Valve, 01/21/1969 Notes: Punched Cards
Box 22, Item ED 88127006421N53	Minutes of First Article Configuration Inspection of ILCI Contract End Item CP 1020, A6L-507000-02 S/N 015, Constant Wear Garment, Electrical Harness Assembly for Apollo Extravehicular Mobility Unit, 07/29/1969 Notes: Punched Cards
Box 22, Item ED 881270067721N55	Minutes of Preliminary Design Review A7L-100005 Pressure Garment Assembly, A6LB-400001 Cooling Garment, 11/05/1969 Notes: Punched Cards
Box 22, Item ED 881270070721N56	Minutes of Critical Design Review for A7LB PGA and A6LB LCG, 01/28/1970 Notes: Punched Cards
Box 22, Item ED 88127008321N60	Minutes of First Article Configuration Inspection: A7LB-EV Separable Components, A6L LCG 9-14 Configuration), LCG Interconnect Adapter, 08/17/1970 Notes: Punched Cards
Box 23, Item ED 8819700944	Minutes of First Article Configuration Inspection for Skylab Extravehicular Visor Assembly and SEVA Stowage Bag, 11/18/1971 Notes: Punched Cards
Box 23, Item ED-NASA/ ILCMEET.74897002	Minutes of NASA/ILC Meeting on Airlock Supplied Hardware, 03/15/1967 Notes: Punched Cards
Box 23, Item PR 8812700083	Minutes of Critical Design Review for A-6L Pressure Garment Assembly, 06/02/1966 Notes: Punched Cards
Box 23, Item PR 8812700085	Minutes of Preliminary Design Review for A-6L Liquid Cooling Garment, 06/03/1966 Notes: Punched Cards
Box 23, Item PR 881270012221	Minutes of Preliminary Design Review for A-6L Pressure Garment Assembly, 01/04/1966 Notes: Punched Cards
Box 23, Item PR 881270035021	Minutes of Meeting for resolution of Configuration Management and ARD Reporting Problems, 01/04/1967 Notes: Punched Cards

Subseries 1.9: Inspection ReportsScope and Punched Cards
Contents:

Box 23, Item ED 881270057021N44	First Article Configuration Inspection of CEI 1004 (A-6L EVVA), 07/09/1968 Notes: Punched Cards
Box 23, Item ED 881270057421N48	First Article Configuration Inspection (Shortage Items from November FACI) -- ILCI Contract End Item 2001B, Torso Limb Suit Assembly, Integrated IV, Electrical Harness, Bio Harness, 08/01/1968 Notes: Punched Cards
Box 23, Item ED 88127006012152	First Article Configuration Inspection of CEI 2004 (A7L LEVA), Apollo Lunar Extravehicular Visor Assembly, 08/11/1969 Notes: Punched Cards

Subseries 1.10: PlansScope and Punched Cards
Contents:

Box 23, Item ED 881270014121N87	Test Request and Plan: TMG Lunar Boot and EV Glove, 05/12/1966 Notes: Punched Cards
Box 23, Item PL 88124A0795, DN PL88124A0795	Kennedy Space Center Quality and Reliability Field Support Plan for Apollo EMU Garment CEI Program, 12/01/1970 Notes: Punched Cards
Box 24, Item PL 88124B0015	Reliability Program Plan for Apollo EMU Garment CEI Program, 01/30/1970 Notes: Punched Cards
Box 25, Item PL 88124V0001	Pre-delivery Acceptance Test Plan for A-6L Pressure Garment Assembly, 07/06/1966 Notes: Punched Cards
Box 24, Item PL 88124V0002	Pre-delivery Acceptance Test plan for A6L Liquid Cooling Garment Assembly, 07/08/1966 Notes: Punched Cards
Box 24, Item PL 88124V0003	Pre-delivery Acceptance Test Plan for A6L Thermal Meteoroid Garment (TMG), 07/08/1966 Notes: Punched Cards
Box 24, Item PL 88124V0004	Pre-delivery Acceptance Test Plan for A6L Fecal Containment Subsystem (FCS), 09/21/1966 Notes: Punched Cards
Box 24, Item PL 88124V0006	Pre-delivery Acceptance Test Plan for Extravehicular Visor Assembly for Apollo Extravehicular Mobility Unit, 12/29/1966

	Notes:	Punched Cards
Box 24, Item PL 88124V0007	Pre-delivery Acceptance Test Plan for A-6L Helmet Stowage Bag, 12/06/1966	Notes: Punched Cards
Box 24, Item PL 88124V0008	Pre-delivery Acceptance Test Plan for A-6L EMU Maintenance Kit, 12/06/1966	Notes: Punched Cards
Box 24, Item PL 88124V0009	Pre-delivery Acceptance Test Plan for Emergency Oxygen System probe for Apollo EMU, 09/16/1966	Notes: Punched Cards
Box 24, Item PL 88124V0010	Pre-delivery Acceptance Test Plan for Emergency Oxygen Supply Probe Stowage Plate for Apollo EMU, 09/16/1966	Notes: Punched Cards
Box 24, Item PL 88124V0011	Pre-delivery Acceptance Test Plan for Emergency Oxygen Adapter for Apollo EMU, 09/16/1966	Notes: Punched Cards
Box 24, Item PL 88124V0012	Pre-delivery Acceptance Test Plan for Pressure Relief Valve for Apollo EMU, 09/16/1966	Notes: Punched Cards
Box 24, Item PL 88124V0013	Pre-delivery Acceptance Test Plan for Pressure Garment Assembly Purge Fitting for Apollo EMU, 09/16/1966	Notes: Punched Cards
Box 24, Item PL 88124V0015, DN PL88124V0015	Manned Spacecraft Center Quality and Reliability Field Support Plan for Apollo EMU Garment CEI Program, 04/08/1969	Notes: Punched Cards
Box 24, Item PL 8812700002	Configuration Management Plan for Apollo EMU Development Program, 12/14/1965	Notes: Punched Cards
Box 24, Item PL 8812700003	Support Plan for Apollo Extravehicular Mobility Unit, 07/15/1966	Notes: Punched Cards
Box 24, Item PL 8812700041	Program Plan for Apollo Extravehicular Mobility End Unit. Garment Contract End Items by ILC, Phases 1, 2 and 3	Notes: Punched Cards
Box 24, Item PL 8812700043, DN PL8812700043	ILC Configuration Management Plan for Apollo EMU Garment CEI Program, 10/25/1966	Notes: Punched Cards
Box 24, Item PL 88124A0023, PL 88124A0028	Quality Assurance Program Plan for Apollo EMU Garment CEI Program, 09/15/1969, 10/15/1970	Notes: Punched Cards

Box 25, Item PL 8821700710	Test Plan for the Thermal Design Verification Testing of the A7LB Integrated Thermal Micrometeoroid Garment for Lunar Surface Extravehicular Activity, 02/26/1970 Notes: Punched Cards
Box 25, Item PL 8825700732	Spares Plan for the Apollo EMU Garment CEI Program, 07/02/1970 Notes: Punched Cards
Box 25, Item PL 8812700186	Pre-Installation Acceptance Test Plan for A-6L Pressure Garment Assembly, 03/09/1967 Notes: Punched Cards
Box 25, Item PL 8812700187	Pre-Installation Acceptance Test Plan for A-6L Liquid Cooling Garment Assembly, 03/09/1967 Notes: Punched Cards
Box 25, Item PL 8812700188	Pre-Installation Acceptance Test Plan for A-6L Thermal Meteoroid Garment (TMG), 03/09/1967 Notes: Punched Cards
Box 25, Item PL 8812700189	Pre-Installation Acceptance Test Plan for A-6L Extravehicular Visor Assembly, 04/26/1967 Notes: Punched Cards
Box 25, Item PL 8812700190	Pre-Installation Acceptance Test Plan for Apollo EMU Garment Accessories, 03/09/1967 Notes: Punched Cards
Box 25, Item PL 8812700397A	Pre-delivery Acceptance Test Plan for A7L Pressure Garment Assembly, 04/25/1968 Notes: Punched Cards
Box 25, Item PL 8812700448	Pre-delivery Acceptance Test Plan for AT7L Training Integrated Thermal Meteoroid Garment, 12/19/1967 Notes: Punched Cards
Box 25, Item PL 8812700678	Test Plan for Design Verification Testing of the A7LB Pressure Garment Assembly and A6LB Liquid Cooling Garment for Lunar Surface Extravehicular Activity, 02/02/1970 Notes: Punched Cards
Box 25, Item PL 8819700687	Program Plan for the Apollo/Skylab Extravehicular Mobility Unit, Pressure Garment Assembly and Associated CEIs, 11/17/1971 Notes: Punched Cards
Box 25, Item PL 8821700759, DN PL8821700759	Test Plan and Procedures for Qualification Design Limit Cycling of the A7LB Integrated EV Torso Limb Suit Assembly with Associated EMU Garment Items, 11/09/1971 Notes: Punched Cards

Box 25, Item PL System Safety Plan for Skylab EMU Garment Assemblies and CEI Separables
8819700910 Components, 03/27/1972
Notes: Punched Cards

Box 25, Item various Extravehicular Visor Assembly Development Program for the Apollo Lunar
 Missions, 01/24/1967
Notes: Punched Cards

Subseries 1.11: End-Item Narrative Reports for Apollo EMU Garment CEI Program

Scope and Punched Cards
Contents:

Box 25, Item various Liquid Cooling Garments
Notes: Punched Cards

Box 26, Item various EOS Probe Stowage Plate
Notes: Punched Cards

Box 26, Item various EOS Gas Connector Adapter
Notes: Punched Cards

Box 26, Item various EMU Maintenance Kit
Notes: Punched Cards

Box 26, Item various Emergency Oxygen System Probe
Notes: Punched Cards

Box 26, Item various PGA Purge Valve Assembly
Notes: Punched Cards

Box 26, Item various Helmet/EVVA Storage Bag Assembly
Notes: Punched Cards

Box 26, Item various Fecal Containment Subsystem
Notes: Punched Cards

Box 26, Item various Pressure Relief Valve
Notes: Punched Cards

Box 26, Item various Pressure Garment Assembly (PGA)
Notes: Punched Cards

Box 26, Item various Extravehicular Visor Assembly (EVVA)
Notes: Punched Cards

Subseries 1.12: Quarterly Quality Audit

Scope and Punched Cards
 Contents:

Box 26, Item various	Apollo EMU Garment CEI Program Notes: Punched Cards
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Subseries 1.13: Single Failure Point Summaries

Scope and Punched Cards
 Contents:

Box 26, Item ED 88224L0006	Apollo EMU Garment CEI Program, 02/23/1971 Notes: Punched Cards
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Box 26, Item PR 88124L0003A	A7L Apollo Pressure Garment Assembly, 11/17/1969 Notes: Punched Cards
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Subseries 1.14: Quality Assurance Special Process Controls

Scope and Punched Cards
 Contents:

Box 26, Item PR 88124P0003	Passivation of Stainless Steel, 04/26/1966 Notes: Punched Cards
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Box 26, Item PR 88124P0002	Black Oxide Coating of Stainless Steel, 04/22/1966 Notes: Punched Cards
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Subseries 1.15: Quality Assurance Statuses

Scope and Punched Cards
 Contents:

Box 26, Folder various	Report for Apollo Block II Notes: Punched Cards
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Subseries 1.16: Mass Property Reports

Scope and Punched Cards
 Contents:

Box 26, Folder various	1966, 1966 Notes: Punched Cards
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Box 26, Item various	1967, 1967 Notes: Punched Cards
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Box 26, Item various	1968, 1968
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Notes: Punched Cards

Subseries 1.17: ILC Status ReportsScope and Punched Cards
Contents:

Box 26, Item various	1966, 1966	
	Notes:	Punched Cards

Box 26, Item various	1967, 1967	
	Notes:	Punched Cards

Box 26, Item various	1968, 1968	
	Notes:	Punched Cards

Subseries 1.18: Summary Test ReportsScope and Punched Cards
Contents:

Box 26, Item TR 8812700513 vol 1	Design Limit Cycling of the A7L PGA Qualification Test Program, 07/1968	
	Notes:	Punched Cards

Box 26, Item TR 8812700541	Mission C Design Limit Cycling of the Apollo EMU Garment Items, 01/13/1969	
	Notes:	Punched Cards

Box 27, Item TR 8812700561	Qualification (Design Limit Cycling) of the Mission D EMU Garment Items and Accessories	
	Notes:	Punched Cards

Box 27, 28, Item TR 8821700747 vol 1-4	Design Verification Testing of the A7LB Pressure Garment Assembly and the Redesigned A6L Liquid Cooling Garment	
	Notes:	Punched Cards

Box 28, Item TR 8821700806	Delta Qualification (Design Limit Testing) of the A7L Arm Assembly, LCG Arm Interface and EV Gloves for Apollo 14, 03/02/1971	
	Notes:	Punched Cards

Box 28, Item TR 8821700854	Delta Qualification (Design Limit Cycling) of the A7L Redesigned Thigh Convolute Assembly for Apollo 14	
	Notes:	Punched Cards

Box 28, Item TR 8821700880	Design Verification Testing of the Skylab Boot Assemblies for Skylab Mission Usage	
	Notes:	Punched Cards

Box 28, Item TR 88170086 App 1-3	Qualification Design Limit Cycling of the A7LB Integrated EV Torso Limb Suit Assembly with Associated EMU Garment Items	
	Notes:	Punched Cards

Box 29, Item TR 8829200807	Design Verification Testing (DVT) Intravehicular Space Suit Assembly (ISSA), Phase B, Final Report, 11/09/1970 Notes: Punched Cards
Box 29, Item TR 88124G0058	Quality Acceptance Tests A7L-104050 and A7LB-104084 Arm Bearings for Apollo EMU Garment CEI Program, 09/04/1970 Notes: Punched Cards
Box 29, Item TR 8812700274	Qualification (Design Limit Cycling) of the Mitchell IV Glove (Enlarged Wrist Connect), 07/14/1969 Notes: Punched Cards
Box 29, Item PL 8821700902	Design Limit Cycling of the A7LB Integrated EV Torso Limb Suit Assembly and the EV Glove Assemblies, 08/30/1971 Notes: Punched Cards

Subseries 1.19: Interface Revision Notices

Scope and Punched Cards
 Contents:

Box 29, Item various	Various Notes: Punched Cards
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Subseries 1.20: Engineering Change Orders

Scope and Punched Cards
 Contents:

Box 29, 30, Item various	Various Notes: Punched Cards
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Subseries 1.21: Drawing Number/Title Key for Individual Suits

Scope and Punched Cards
 Contents:

Box 30, Item CL A7L-100000 001-003, CL A7L-10000-008, CL A7L-10000-042, CL A7L-10000-048	Young Notes: Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Albireo referred to John Young.
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Box 30, Item CL A7L-100000 004, CL A7L-10000-010	Schirra Notes: Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries
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Box 30, Item CL A7L-10000 005, CL A7L-10000-011	Eisele Notes:	without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Markab referred to Schirra Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Fomalhaut referred to Eisele.
Box 30, Item CL A7L-10000 006, CL A7L-10000-012	Cunningham Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Arcturus referred to Cunningham.
Box 30, Item CL A7L-10000 007, CL A7L-10000-042, CL A7L-10000-047, CL A7L-10000-089	Stafford Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Scopii referred to Stafford.
Box 30, Item CL A7L-10000 009, CL A7L-10000-044, CL A7L-10000-049, CL A7L-10000-087	Cernan Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Scheat referred to Cernan.
Box 30, Item CL A7L-10000-013, CL A7L-10000-019, CL A7L-10000-063	Scott Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Mira referred to Scott.
Box 30, Item CL A7L-10000-014, CL A7L-10000-020, CL A7L-10000-062	McDivitt Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It

Box 30, Item CL A7L-10000-015, CL A7L-10000-021, CL A7L-10000-064	Schweickart Notes:	established code names, based on the names of stars, to identify individual astronauts. Capella referred to McDivitt. Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Hamal refers to Schweickart.
Box 30, Item CL A7L-10000-016, CL A7L-10000-065, CL A7L-10000-068	Conrad Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Persei refers to Conrad.
Box 30, Item CL A7L-10000-017, CL A7L-10000-066, CL A7L-10000-069	Gordon Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Orionis refers to Gordon.
Box 30, Item CL A7L-10000-018, CL A7L-10000-067, CL A7L-10000-070	Bean Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Vega refers to Bean.
Box 30, Item CL A7L-10000-022, CL A7L-10000-051, CL A7L-10000-061	Haise Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Lyrae refers to Haise.
Box 30, Item CL A7L-10000-023	Engle Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It

Box 30, Item CL A7L-10000-024, CL A7L-10000-029, CL A7L-10000-030	Borman Notes:	established code names, based on the names of stars, to identify individual astronauts. Altair refers to Engle. Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Rigel refers to Borman.
Box 30, Item CL A7L-10000-025, CL A7L-10000-031, CL A7L-10000-032	Anders Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Regulus refers to Anders.
Box 30, Item CL A7L-10000-26, CL A7L-10000-033, CL A7L-10000-034	Collins Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Mizar refers to Collins.
Box 30, Item CL A7L-10000-027, CL A7L-10000-035, CL A7L-10000-056, CL A7L-10000-057	Armstrong Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Sirius refers to Armstrong.
Box 30, Item CL A7L-10000-028, CL A7L-10000-037, CL A7L-10000-052, CL A7L-10000-055, CL A7L-10000-074, CL A7L-10000-078	Lovell Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Bellatrix refers to Lovell.
Box 30, Item CL A7L-10000-036, CL A7L-10000-058, CL A7L-10000-076, CL A7L-10000-077	Aldrin Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It

Box 30, Item CL A7L-10000-038	Lind Notes:	<p>established code names, based on the names of stars, to identify individual astronauts. Pollux refers to Aldrin.</p> <p>Punched Cards</p> <p>A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Almach refers to Lind.</p>
Box 30, Item CL A7L-10000-039, CL A7L-10000-050	Mays Notes:	Punched Cards
Box 30, Item CL A7L-10000-040, CL A7L-10000-045, CL A7L-10000-071	Cooper Notes:	<p>Punched Cards</p> <p>A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Rasalhague refers to Cooper.</p>
Box 30, Item CL A7L-10000-041, CL A7L-10000-046, CL A7L-10000-073	Mitchell Notes:	<p>Punched Cards</p> <p>A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Menkar refers to Mitchell.</p>
Box 30, Item CL A7L-10000-053	Rigel Notes:	<p>Punched Cards</p> <p>A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Rigel referred to Frank Borman.</p>
Box 30, Item CL A7L-100000-054, CL A7L-100000-079	Regulus Notes:	<p>Punched Cards</p> <p>A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Regulus referred to Bill Anders.</p>
Box 30, Item CL A7L-100000-060	Pegasi Notes:	Punched Cards

A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Pegasi referred to Fred Haise.

Box 30, Item CL A7L-100000-072, CL A7L-100000-082	Mattingly Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Canopus refers to Mattingly.
Box 30, Item CL A7L-100000-075	Bellatrix Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Bellatrix referred to Jim Lovell.
Box 30, Item CL A7L-100000-080	Irwin Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Lyrae refers to Irwin.
Box 30, Item CL A7L-100000-081	Worden Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Alcor refers to Worden.
Box 30, Item CL A7L-100000-083	Schmitt Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Deneb refers to Schmitt.
Box 30, Item CL A7L-100000-084, CL A7L-100000-090	Shepard Notes:	Punched Cards

Box 30, Item CL A7L-100000-085, CL A7L-100000-091	Roosa Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Castor refers to Roosa.
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Box 30, Item CL A7L-100000-088	Swigert Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Mirfak refers to Swigert.
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Box 30, Item CL A7L-100000-092	Evans Notes:	Punched Cards A NASA memo from C. C. Lutz dated May 10, 1968 established "a system wherein Apollo flight suits can be fabricated by ILC Industries without disclosing the identity of the selected crew members." It established code names, based on the names of stars, to identify individual astronauts. Tauri refers to Evans.
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Subseries 1.22: Revision Documents

Scope and Punched Cards
 Contents:

Box 31, 32, 33	Various Notes:	Punched Cards
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Box 33, Item CL A7L-100000	Pressure Garment Assembly Notes:	Punched Cards
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Subseries 1.23: Data Lists

Scope and Punched Cards
 Contents:

Box 33, 34, Item various	A6L Model Notes:	Punched Cards
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Box 34, 35, 36, Item various	A7L Model Notes:	Punched Cards
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Subseries 1.24: Interface Control Documents

Scope and Punched Cards
 Contents:

Box 36, Item various	Various Notes:	Punched Cards
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Subseries 1.25: Reliability Engineering Status Reports

Scope and Punched Cards
 Contents:

Box 36, Item various	Various Notes:	Punched Cards
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Subseries 1.26: Size "A" Illustrations

Scope and Punched Cards
 Contents:

Box 36, Item various	Various Notes:	Punched Cards
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Subseries 1.27: Size "B" Illustrations

Scope and Punched Cards
 Contents:

Box 37, Item various	Various Notes:	Punched Cards
Box 37, Item various	A6L Notes:	Punched Cards
Box 37, Item various	A7L Notes:	Punched Cards
Box 38, Item various	A7LB Notes:	Punched Cards

Subseries 1.28: Size "C" Illustrations

Scope and Punched Cards
 Contents:

Box 38, Item various	Various Notes:	Punched Cards
Box 38, Item various	A6L	

	Notes:	Punched Cards
Box 38, 39, Item various	A7L Notes:	Punched Cards
Box 39, Item various	A7LB Notes:	Punched Cards

Subseries 1.29: Size "D" Illustrations

Scope and Punched Cards
Contents:

Box 39, Item various	Various Notes:	Punched Cards
Box 39, 40, Item various	A6L Notes:	Punched Cards
Box 40, Item various	A7L Notes:	Punched Cards
Box 41, Item various	A7LB Notes:	Punched Cards

Subseries 1.30: Size "E" Illustrations

Scope and Punched Cards
Contents:

Box 41, Item various	Various Notes:	Punched Cards
Box 41, Item various	A6L Notes:	Punched Cards
Box 41, Item various	A7L Notes:	Punched Cards
Box 41, Item various	A7LB Notes:	Punched Cards

Subseries 1.31: Size "J" Illustrations

Scope and Punched Cards
Contents:

Box 42, Item various	Various Notes:	Punched Cards
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Box 42, Item various	A6L Notes:	Punched Cards
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Box 42, Item various	A7L Notes:	Punched Cards
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Box 42, Item various	A7LB Notes:	Punched Cards
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Subseries 1.32: Size "R" Illustrations

Scope and Punched Cards
Contents:

Various Notes:	Punched Cards
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Miscellaneous Cards

Box 59	Various 1 Notes:	Boxes 59 and 60 were donated in November of 2023 and were kept in their original order.
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Box 60	Various 2	
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[Return to Table of Contents](#)

Series 2: ILC Dover Apollo Reports

Box 43, Folder 1	Index
Box 43, Folder 2, Item 101-07	Fecal Containment Subsystem
Box 43, Folder 3, Item 101-08	Procurement Specification for the Helmet Shell
Box 43, Folder 4, Item 101-09	Procurement Specification for the A6L Liquid Cooling Garment
Box 43, Folder 5, Item 101-10	Procurement Specification for Pressure Gage
Box 1, Folder 6, Item 101-11	Procurement Specification for Liquid Cooled Garment
Box 1, Folder 7, Item 101-12	Procurement Specification for Extravehicular Visor Assembly
Box 43, Folder 8, Item 101-13	Procurement Specification for Communications Cap Ear Enclosures
Box 43, Folder 9, Item 101-14	Procurement Specification for Pressure Garment Assembly, Electrical Harness
Box 43, Folder 10, Item 101-15	Procurement Specification for Communications Cap Electrical Harness
Box 44, Folder 1, Item 101-17	Procurement Specification for Pressure Garment Assembly, Electrical Harness Sub-Assembly
Box 44, Folder 2, Item 101-18	Procurement Specification for Electrical Harnesses
Box 44, Folder 3, Item 101-21	Change Log
Box 44, Folder 4, Item 101-22	Procurement Specification for LEVA Visors and Retrofit
Box 44, Folder 5, Item 101-23	Procurement Specification for the Pressure Sealing Slide Fastener Chain Assembly

Box 44, Folder 6, Item 102-01	Acceptance Specification for A7L Convolute and Glove Bladder
Box 44, Folder 7, Item 102-04	Pre-Delivery Acceptance Specification for A-6L Pressure Garment Assembly
Box 44, Folder 8, Item 102-06	Acceptance Test Specification for A5L Liquid Cooled Garment
Box 44, Folder 9, Item 102-07	Pre-Delivery Acceptance Test Specification for A-6L Liquid Cooling Garment
Box 44, Folder 10, Item 102-08	Pre-Delivery Acceptance Test Specification for A-6L Thermal Meteoroid Garment
Box 44, Folder 11, Item 102-09	Pre-Delivery Acceptance Test Specification for Emergency Oxygen System Probe
Box 44, Folder 12, Item 102-10	Acceptance Test Specification for Neck Disconnect Ring Assembly
Box 44, Folder 13, Item 102-11	Acceptance Test Specification for Arm Bearing Assembly
Box 44, Folder 14, Item 102-12	Acceptance Test Specification for Feed Port
Box 45, Folder 1, Item 102-13	Acceptance Test Specification for Gas Connector Assemblies
Box 45, Folder 2, Item 102-14	Acceptance Test Specification for the Wrist Disconnect
Box 45, Folder 3, Item 102-15	Acceptance Test Specification for Fecal Containment Subsystem
Box 45, Folder 4, Item 102-16	Acceptance Test Specification for Pressure Gage
Box 45, Folder 5, Item 102-17	Acceptance Test Specification for EMU Electrical Harness
Box 45, Folder 6, Item 102-18	Pre-Delivery Acceptance Test Specification for Emergency Oxygen System Probe Stowage Plate
Box 45, Folder 7, Item 102-19	Pre-Delivery Acceptance Test Specification for Emergency Oxygen System Gas Connector Adapter

Box 45, Folder 8, Item 102-20	Pre-Delivery Acceptance Test Specification for Pressure Garment Assembly Purge Fitting
Box 45, Folder 9, Item 102-21	Acceptance Test Specification for Pressure Relief Valve
Box 45, Folder 10, Item 102-24	Acceptance Test Specification for Communications Cap Electrical Harness
Box 45, Folder 11, Item 102-25	Acceptance Test Specification for Communications Cap Ear Enclosures
Box 45, Folder 12, Item 102-26	Acceptance Test Specification for Dyed Textile Materials
Box 45, Folder 13, Item 102-27	Acceptance Test Specification for Wrist Disconnect Test Fixtures
Box 45, Folder 14, Item 102-28	Acceptance Test Specification for the Neck Disconnect Ring Test Fittings
Box 4, Folder 1, Item 102-29	Acceptance Test Specification for Pressure Sealing Closure
Box 46, Folder 2, Item 102-30	Acceptance Test Specification for the Suit Mounted Pressure Relief Valve
Box 46, Folder 3, Item 102-31	Acceptance Test Specification for Rubber Dipped Goods
Box 46, Folder 4, Item 102-32	Acceptance Test Specification for Multiple Water Connector
Box 46, Folder 5, Item 102-33	Acceptance Test Specification for Pressure Garment Assembly, Bio-Harness
Box 46, Folder 6, Item 102-34	Acceptance Test Specification for the Helmet Shell for the Apollo EMU Garment Program
Box 46, Folder 7, Item 102-35	Acceptance Test Specification for Metallic Vaporization Deposited Aluminum Films
Box 46, Folder 8, Item 102-37	Acceptance Test Specification for A7LB Convolute and Glove Bladder
Box 46, Folder 9, Item 102-38	Acceptance Test Specification for Gas Connector Assemblies

Box 46, Folder 10, Item 102-39	Acceptance Test Specification for Helmet Neck Ring Disconnect Assembly
Box 46, Folder 11, Item 102-40	Acceptance Test Specification for Wrist Disconnect
Box 46, Folder 12, Item 102-41	Acceptance Test Specification for Multiple Water Connector
Box 47, Folder 1, Item 102-43	Acceptance Test Specification for Manufacture of A7LB Boot Bladder Assembly
Box 47, Folder 2, Item 102-44	Acceptance Test Specification for LCG Adapter, Interconnect
Box 47, Folder 3, Item 102-45	Acceptance Test Specification for the A7LB Pressure Sealing Slide Fastener
Box 47, Folder 4, Item 102-46	Acceptance Test Specification for the A7LB Suit Mounted Pressure Relief Valve
Box 47, Folder 5, Item 102-47	Acceptance Test Specification for Diverter Valve Assembly -- A7LB
Box 47, Folder 6, Item 102-48	Acceptance Test Specification for the A7LB Suit Mounted Pressure Relief Valve
Box 47, Folder 7, Item 102-49	Acceptance Test Specification for A7L and A7LB Arm Bearing Assemblies
Box 47, Folder 8, Item 102-50	Acceptance Test Specification for Latex Blend and Related Process Solutions
Box 47, Folder 9, Item 102-51	Pre-Delivery Acceptance Test Specification for Feedport Mounted Purge Valve
Box 47, Folder 10, Item 105-01	Pre-Installation Acceptance Test Specification for A-6L Pressure Garment Assembly
Box 47, Folder 11, Item 107-01	Configuration Management Requirements for Subcontractors
Box 47, Folder 12, Item 107-02	Quality Procurement Specification for Supplier's Quality Control System
Box 48, Folder 1, Item 107-03	Reliability Specification for Subcontractors

Box 48, Folder 2, Item 107-04	Specification for Identification and Traceability
Box 48, Folder 3, Item 107-05	Specification for Preservation, Packaging, Handling, Storage and Shipping of A-6L Contract End Items
Box 48, Folder 4, Item 107-07	Quality Procurement Specification for Supplier's Inspection System
Box 48, Folder 5, Item 107-08	Reliability Specification for Major Suppliers and Subcontractors
Box 48, Folder 6, Item 107-09	Reliability Specification for Malfunction Reports
Box 48, Folder 7, Item 107-10	Reliability Specification for the Performance of Failure Analysis and Corrective Action
Box 48, Folder 8, Item 107-11	Textile Test Methods for Fabrics
Box 48, Folder 9, Item 107-13A	Specification for Shipping, Storage and Handling of Age Sensitive Materials
Box 48, Folder 10, Item 108-01-01B	Material Specification for Tubing, Plastic, Flexible, Modified PVC
Box 48, Folder 11, Item 108-01-02	Material Specification for Fastener, Slide, Nylon, Chain
Box 48, Folder 12, Item 108-3-03	Material Specification for Adhesive, Resin, Two-Part
Box 49, Folder 1, Item 108-1-04	Material Specification for Thread, Nylon, Stretched, 3 Ply
Box 49, Folder 2, Item 108-1-05	Material Specification for Sheet, Abs, Thermoplastic, Rigid
Box 49, Folder 3, Item 108-1-06	Material Specification for Cloth, Twill. Nylon, Neoprene Coated
Box 49, Folder 4, Item 108-1-07	Material Specification for Cloth, Dacron and Cotton Blend
Box 49, Folder 5, Item 108-1-08	Material Specification for Tape, Nylon, Chloroprene Coated

Box 49, Folder 6, Item 108-1-09	Material Specification for Cloth, Coated and Laminated, Neoprene or Nylon, 13.7 oz.
Box 49, Folder 7, Item 108-1-10	Material Specification for Cloth, Nylon, Tricot
Box 49, Folder 8, Item 108-1-11	Material Specification for Cloth, Nylon, Ripstop, Neoprene Coated
Box 49, Folder 9, Item 108-1-12	Material Specification for Cloth, Polyester, Non-Woven
Box 50, Folder 1, Item 108-1-13	Material Specification for Cloth, Nylon, Spandex, 5.5 Ounce
Box 50, Folder 2, Item 108-1-14	Material Specification for Cloth, Nylon, Spandex 6 Ounce
Box 50, Folder 3, Item 108-1-16	Material Specification for Webbing, Nylon, Woven, One Inch
Box 50, Folder 4, Item 108-1-17	Material Specification for Tape, Loop, Nylon
Box 50, Folder 5, Item 108-1-18A	Material Specification for Tape, Twill, Nylon
Box 50, Folder 6, Item 108-1-19	Material Specification for Tape, Elastic
Box 50, Folder 7, Item 108-1-20	Material Specification for Webbing, Nylon, Reinforcing
Box 50, Folder 8, Item 108-1-21	Material Specification for Tape, Mylar, Aluminized, Pressure Sensitive
Box 50, Folder 9, Item 108-4-23	Material Specification for Coating, Metal Primer
Box 50, Folder 10, Item 108-1-24	Material Specification for Sheet, Plastic, Imitation Leather
Box 50, Folder 11, Item 108-1-26	Material Specification for Tubing, Plastic, TFE, Non-Rigid
Box 50, Folder 12, Item 108-1-31	Material Specification for Cloth, Nylon Mesh

Box 51, Folder 1, Item 108-1-32	Material Specification for Foam, Polyurethane, Non-Rigid
Box 51, Folder 2, Item 108-1-33	Material Specification for Cloth, Chiffon, Nylon and Amend. 1
Box 51, Folder 3, Item 108-3-27	Material Specification for Epoxy Adhesive, Fluorocarbon Bonding
Box 51, Folder 4, Item 108-3-30	Material Specification for Adhesive, Silicone
Box 51, Folder 5, Item 108-1-34A	Material Specification for Cloth, Nomex, 6 Ounce
Box 51, Folder 6, Item 108-1-37B	Material Specification for Felt, Nomex
Box 51, Folder 7, Item 108-1-40	Material Specification for Film, Polyurethane
Box 51, Folder 8, Item 108-4-41	Material Specification for Coating, Polyurethane
Box 51, Folder 9, Item 108-2-42	Material Specification for Steel, Sheet and Plate, Cres. 17-4
Box 51, Folder 10, Item 108-3-43	Material Specification for Adhesive, Epoxy
Box 51, Folder 11, Item 108-1-45	Material Specification for Webbing, Elastic, 2 Inch
Box 52, Folder 1, Item 108-1-46	Material Specification for Cloth, Ripstop, Nylon, Neoprene Coated, 3.5 Ounce
Box 52, Folder 2, Item 108-1-47	Material Specification for Fabric, Teflon, 5 Ounce
Box 52, Folder 3, Item 108-1-48	Material Specification for Fabric, Woven, Nylon Monofilament
Box 52, Folder 4, Item 108-1-49	Material Specification for Cloth, Dacron, Satin
Box 52, Folder 5, Item 108-1-50	Material Specification for Cloth, Nylon, Urethane Coated

Box 52, Folder 6, Item 108-2-44	Material Specification for Dee Rings
Box 52, Folder 7, Item 108-1-51	Material Specification for Fastener, Slide, Nylon Chain, Non-Separating
Box 52, Folder 8, Item 108-1-53	Material Inspection for Tape, Nylon, Neoprene Coated, with Gum Adhesive
Box 52, Folder 9, Item 108-1-55	Material Specification for Cable, Coated, S.S., Flexible
Box 52, Folder 10, Item 108-2-56	Material Specification for Swivel, Cable End
Box 52, Folder 11, Item 108-1-57	Material Specification for Polycarbonate Sheet, Clear, UV Stabilized
Box 52, Folder 12, Item 108-1-58	Material Specification for Tape, Nylon/Neoprene, Pressure Sealing
Box 53, Folder 1, Item 108-1-59	Material Specification for Fabric, Circular Knit, Stretch Nylon
Box 53, Folder 2, Item 108-1-60	Material Specification for Cloth, Coated, White, Flame Resistant
Box 53, Folder 3, Item 108-1-61	Material Specification for Fabric, Multi-Filament
Box 53, Folder 4, Item 108-1-62	Cloth, Nylon, Polyurethane Coated, 7.5 Ounce
Box 53, Folder 5, Item 108-1-63	PTFE Laminated Activated Charcoal Fabric
Box 53, Folder 6, Item 108-1-64	Material Specification for Silicone Rubber
Box 53, Folder 7, Item 108-1-65	Material Specification for Epichlorohydrin Rubber
Box 53, Folder 8, Item 108-1-66	Material Specification for Halobutyl Rubber
Box 53, Folder 9, Item 108-1-67	Molecular Weight Distribution Specification for Rucothane 5225

Box 54, Folder 1, Item 109-1-17	Process Specification for the Manufacture of the PGA/Torso Limb Suit Assembly and Associated Components
Box 54, Folder 2, Item 109-1-21	Process Specification for Manufacture of the Helmet Stowage Bag
Box 54, Folder 3, Item 109-1-22	Process Specification for Manufacture of the EMU Maintenance Kit
Box 54, Folder 4, Item 109-1-24	Process Specification for Fabrication of Neoprene Parts From Uncured Stock
Box 54, Folder 5, Item 109-1-27	Process Specification for Application of Heat-Shrinkable Tubing
Box 55, Folder 1, Item 109-1-28	Process Specification for Slide Fastener Assembly
Box 55, Folder 2, Item 109-1-18	Process Specification for TMG Manufacturing
Box 55, Folder 3, Item 109-1-19	Process Specification for Assembly of Pressure Sealing Zipper Slider Pull Loop and Female Half Snap Fastener Assembly
Box 55, Folder 4, Item 109-1-30	Process Specification for Manufacture of the Apollo A7L ITMG, TMG Gloves and Lunar Boots
Box 55, Folder 5, Item 109-1-31	Process Specification for Foam Molding of Helmet Vent Pad A7L-102001-01
Box 55, Folder 6, Item 109-1-32	Process Specification for Vacuum Forming of Polycarbonate Sheet
Box 55, Folder 7, Item 109-1-33	Process Specification for Molding of Silicone Rubbe Parts
Box 55, Folder 8, Item 109-1-34	Process Specification for Manufacture of the Apollo A7L Intravehicular Coverlayer (IVCL)
Box 55, Folder 9, Item 109-1-36	Process Specification for Compression Molding of Fluorel Parts
Box 55, Folder 10, Item 109-1-37	Process Specification for Solvated Fluorel Coating Application
Box 55, Folder 11, Item 109-1-38	Process Specification for Manufacture of the Fecal Containment Subsystem

Box 55, Folder 12, Item 109-1-39	Process Specification for A7L Lunar ITMG
Box 56, Folder 1, Item 109-1-40	Process Specification for Manufacture of A7LB ITMG, Coverlayer, Lunar Boot Abrasion Cover, Glove and EV Glove, Thermal Micro-Meteoroid Assembly
Box 56, Folder 2, Item 109-1-42	Process Specification for A7LB Torso Limb Suit Assembly and Glove Manufacturing
Box 56, Folder 3, Item 109-1-44	Change log
Box 56, Folder 4, Item 109-1-45	Process Specification for Pre-Shrinking Nylon Spandex Material, Fabric Multi- Filament
Box 56, Folder 5, Item 109-1-46	Process Specification for The Manufacture of the A7LB Slide Fastener Assembly
Box 56, Folder 6, Item 109-1-47	Process Specification for Vacuum Forming of Polypropylene Sheet
Box 56, Folder 7, Item 109-1-49	Process Specification for Vacuum Forming of Acrylic PVC Alloy
Box 56, Folder 8, Item 109-1-50	Process Specification for Manufacturing of the SEVA Stowage Bag
Box 56, Folder 9, Item 109-1-51	Process Specification for Manufacture of the OWS PGA Maintenance Kit
Box 56, Folder 10, Item 109-1-52	Process Specification for Vacuum Forming of Fluorohalocarbon
Box 57, Folder 1, Item 109-1-53	Process Specification for Manufacture of the A7LB Coverlayer Assembly, ASTP
Box 57, Folder 2, Item 109-1-54	Process Specification for Liquid Cooling Ventilation Garment (LCVG)
Box 57, Folder 3, Item 109-8-14	Process Specification for Application of Swaging Sleeves
Box 57, Folder 4, Item 109-8-16	Process Specification for Application of Rivets and Eyelets Used on the Apollo/ Skylab Program
Box 57, Folder 5, Item 109-8-26	Process Specification for Swaging of Sleeves and Terminals on Wire Rope

Box 57, Folder 6, Item 109-3-25	Process Specification for Cementing and Sealing
Box 57, Folder 7, Item 109-3-43	Process Specification for Application of Thread-Locking Compound for A7LB PGA/ A6L LCG
Box 57, Folder 8, Item 109-4-03	Process Specification for Dyeing of Anodic Coatings
Box 58, Folder 1, Item 109-4-23	Process Specification for Alodine Touch-Up of Anodized Aluminum Parts
Box 58, Folder 2, Item 109-5-35	Process Specification for Pressure Helmet Assembly Manufacturing
Box 58, Folder 3, Item 109-6-05	Process Specification for Cleaning of Metal
Box 58, Folder 4, Item 109-8-12	Process Specification for Vacuum Forming of ABS Thermoplastic Sheet
Box 58, Folder 5, Item 109-3-07	Process Specification for Bonding of TFE to Metal
Box 58, Folder 6, Item 109-3-11	Process Specification for Application of Thread-Locking Compound
Box 58, Folder 7, Item 201-01	Specification for A6L CEI Cleanliness Requirements for Apollo EMU Garment CEI Program
Box 58, Folder 8, Item 201-02	Specification for Materials and Parts, Environmental Acceptance Criteria for Apollo EMU Garment CEI Program
Box 58, Folder 9, Item DD 500-S00007	Material Specification for an Alloyed Chlorinated Polyethylene Film
Box 61, Folder 1	A7L-056 ACL [Authorized Change List] Notes: Boxes 61 and 62 were donated in February 2024 and are about Neil Armstrong's Apollo 11 EVA suit specifically.
Box 61, Folder 2	A7L-056 Legs
Box 61, Folder 3	A7L-056 Test Data
Box 61, Folder 4	A7L-056 772
Box 61, Folder 5	A7L-056 RM Logs

Box 61, Folder 6	A7L-056 DD 250
Box 61, Folder 7	A7L-056 Vents
Box 61, Folder 8	A7L-056 CL
Box 61, Folder 9	A7L-056 Repair Log Sheets
Box 61, Folder 10	A7L-056 LLL
Box 61, Folder 11	A7L-056 DRs [Discrepancy Reports]
Box 61, Folder 13	A7L-056 Waivers
Box 61, Folder 14	A7L-056 Torso
Box 62, Folder 1	A7L-056 Boots
Box 62, Folder 2	A7L-056 Fitcheck
Box 62, Folder 3	A7L-056 TPSs (1 of 2) [Test Preparation Sheets]
Box 62, Folder 4	A7L-056 TPSs (2 of 2) [Test Preparation Sheets]
Box 62, Folder 5	A7L-056 Final (1 of 3)
Box 62, Folder 6	A7L-056 Final (2 of 3)
Box 62, Folder 7	A7L-056 Final (3 of 3)

[Return to Table of Contents](#)