



Smithsonian Institution Archives

Assignment/Support Requests
and Drawings, 1975-2000

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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Assignment/Support Requests and Drawings
Identifier:	Accession 06-075
Date:	1975-2000
Extent:	30.84 cu. ft. (2 record storage boxes) (65 blueprint storage boxes) (1 oversize folder)
Creator::	Smithsonian Astrophysical Observatory. Central Engineering Department
Language:	English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Accession 06-075, Smithsonian Astrophysical Observatory. Central Engineering Department, Assignment/Support Requests and Drawings

Descriptive Entry

This accession consists of a continuation of materials from Accessions 05-007 and 05-075. Records include drawings for various components of the National Aeronautics and Space Administration's Chandra X-Ray Observatory (formerly the Advanced X-ray Astrophysics Facility or AXAF). Materials include lists and drawings. Some materials are in electronic format.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Astrophysics
- Engineering
- X-ray astronomy

Types of Materials:

- Drawings
- Electronic records
- Floppy disks
- Manuscripts

Names:

Advanced X-Ray Astrophysics Facility (U.S.)

Chandra X-ray Observatory (U.S.)

United States. National Aeronautics and Space Administration

Container Listing

Box 1

Box 1 of 67 AXAF 7533 CCB Masters and Checkprints (19 folders)

Box 2

Box 2 of 67 AXAF 7533 CCB Masters and Checkprints (8 folders)

Box 2 of 67 SM (Space Maser) Schematics and PWB Designs - SM-2102 Rev. B, IF integrator, 1995

Box 2 of 67 SM-2107 Rev. B and C, Diode voltage supply, 1995-1996

Box 2 of 67 SM-2108 Rev. A and D, Multi-function board, 1995-1996

Box 2 of 67 SM-2109 Rev. A and E, Magnetic field controller, 1995-1996

Box 2 of 67 SM-2110 Rev. A and D, Digital frequency synthesizer, 1996

Box 2 of 67 SM-2111 Rev. C, H2 pressure controller, 1996

Box 2 of 67 SM-2112 Rev. B, Motherboard, 1995

Box 2 of 67 SM-2113 Rev. A, B, and D, Power converter board, 1996

Box 2 of 67 SM-2116 Rev. B, VCXO, 1995

Box 2 of 67 SM-2117 Rev. B, RF input, 1995

Box 2 of 67 SM-2125 Rev. A, Optical monitor, 1995

Box 2 of 67 SM-2126 Rev. C, PCU/ET interface, 1996

Box 2 of 67 SM-2127 Rev. A., Temperature controller, 1995

Box 2 of 67 SM-2127 Rev. D., Updated ASSY drawing, 1996

Box 2 of 67 SM-2140 Rev. A and B, Dissociator exciter Ver. 2, 1996

Box 2 of 67 SM-2145 Rev. A and B, Dissociator power supply board, 1996

Box 2 of 67	SM-2304 Rev. A, Tripler, 1995
Box 2 of 67	SM-2341 Divider Ver. 2, Rev. A, 1995
	Boxes 3-13
Boxes 3-13 of 67	HXDS drawings (11 blueprint storage boxes)
	Boxes 14-16
Boxes 14-16 of 67	Lamar (7611) (3 blueprint storage boxes)
	Boxes 17-18
Boxes 17-18 of 67	IRT drawings (2 blueprint storage boxes)
	Boxes 19-23
Boxes 19-23 of 67	HRS (6388) (5 blueprint storage boxes)
	Boxes 24-26
Boxes 24-26 of 67	ROSAT (7690) (3 blueprint storage boxes)
	Boxes 27-29
Boxes 27-29 of 67	ROSAT (American Science & Engineering) (3 blueprint storage boxes)
	Boxes 30-33
Boxes 30-33 of 67	FIRS drawings (4 blueprint storage boxes)
	Boxes 34-42
Boxes 34-42 of 67	MAS (Maser) (9 blueprint storage boxes)
	Boxes 43-45
Boxes 43-45 of 67	TRAC (3 blueprint storage boxes)
	Boxes 46-51

Boxes 46-51 of 67	IOTA (6 blueprint storage boxes)
	Boxes 52-54
Boxes 52-54 of 67	SHAO (7719) (3 blueprint storage boxes)
	Boxes 55-56
Boxes 55-56 of 67	IPC (6435) (2 blueprint storage boxes)
	Boxes 57-61
Boxes 57-61 of 67	XRT/CCD (7533) (5 blueprint storage boxes)
	Box 62
Box 62 of 67	SUBM (blueprint storage box)
	Boxes 63-67
Boxes 63-67 of 67	MCP/CGCD (7080) (5 blueprint storage boxes)
	Oversize
Oversize	SM transparencies, 1995-1996 (Related materials found in Box 2) (4 folders)