

NEGATIVES (1965)

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
2/12/65	65-0001	RADI	Laboratory Turbulence Distortions and Recovery of "S" and "5"	J. Harris	4x5	/
"	65-0002	RADI	Radi Turbulence - Optics System			/
			Optical Turbulence - generating system	J. Harris	Lge. & Sm	/
"	65-0003-1-2	RADI	ARPA; Distortions and Recovery (2 slides made) -1&-2	J. Harris	4x5	2
"	65-0004	RADI	Line Drawing, Scanner & Electronics	J. Harris	4x5	/
"	65-0005-1-2	RADI	Graph - Spatial Freq. vs. Amplitude; Distance (2 slides)	J. Harris	4x5	2
			(A-B Comparison Diffraction Images of 1- & 2-Point Sources)			
"	65-0006	RADI	Laboratory Turbulence Distortions and Recoveries			
			"5" from Positives and negatives	J. Harris	4x5	/
"	65-0007	RADI	Distortions and Recoveries - Formula = Convolution			
			Integral of Distortion Process and its Solution	J. Harris	4x5	/
"	65-0008	RADI	Distortions & Recovery - "5" for Various Restoration	J. Harris	4x5	/
			Functions			
"	65-0009	RADI	Transfer Function - Letter "S" ( $\sigma = 2.36$ $K = .36$ )	J. Harris	4x5	/
"	65-0010	RADI	Transfer Function - Letter "S" ( $\sigma = 2.85$ $K = .21$ )	J. Harris	4x5	/
"	65-0011	RADI	Graph - R. Restoration vs. f, Spatial Frequency	J. Harris	4x5	/
"	65-0012	RADI	Distortions of Form $T = e^{-Kf^2}$	J. Harris	4x5	/
"	65-0013	RADI	Distortion for Transfer Functions of Form $T = \frac{1}{1 + Kf^2}$	J. Harris	4x5	/
"	65-0014	RADI	Distortions of Form $T = \frac{\sin Kf}{Kf}$	J. Harris	4x5	/
"	65-0015	RADI	Distortions of Form $T = 1/1 + .05f^2$ Restored with Factor $R = 1 + kf^2$	J. Harris	4x5	/
"	65-0016	RADI	Distortion of Form $T = 1/1 + .5f^2$ Restored with Factor $R = 1 + Kf$	J. Harris	4x5	/

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2/12/65	65-0017	RADI	Photographic Image Recordings at Several Turbulence Levels	J. Harris	4x5	/
"	65-0018	RADI	Integration of Cape Kennedy Missile Launch Movie Film Strip	J. Harris	4x5	/
	65-0019	RADI	Computer Restoration of Picture of Mr. Harris	J. Harris	4x5	/
2/15/65	65-0020	RADI	Graph - Amplitude vs. Spatial Frequency of Amplification & Attenuation (Transfer Function for Gaussian w/ Restoration) This neg. to replace lost old neg.	J. Harris	4x5	/
2/23/65	65-0021		Landolt "C" (See 65-0047) (2) (Large neg.)	J. Taylor	4x5	
"	65-0022		Kelvin Wake - Operator Matching Overlay with Picture (Donna R.) (4)	J. Gordon	4x5	/
"	65-0023	503	Graph - Fractional Area of Sea Surface Covered by White Caps vs. Wind Velocity	J. Harris T. Rensick	4x5	/
"	65-0024	503	Map - Tiros Orbits 143-151	J. Harris	4x5	/
"	65-0025	503	Graph - Apparent Sea Radiance from Orbital Altitude vs. Wind Speed	J. Harris	4x5	/
"	65-0026	503	Polar Plot - Sea State Determinability Index	J. Harris	4x5	/
2/26/65	65-0027	503	Permutations of Visibility Calculations - Conditions of Targets & Observers	J. Harris	4x5	/
"	65-0028	503	Graph - Detection Probability vs. Number of Fixations (Systematic vs. Random)	J. Harris	4x5	/
"	65-0029	503	Graph - Value of the Eye vs. Years	J. Harris	4x5	/
3/1/65	65-0030	C-130	Drawing showing Zenith angle and line of sight of instruments on aircraft. Also large neg. made.	D. Johnson	4x5	/
"	65-0031	RADI	Gemini Capsule Target for Restoration Experiment	B. McGlamery	4x5	
"	65-0032-1	NASA-G	Don Webb in Bird Cage (Gemini) Front face view (4)	J. Lones		

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					NEGATIVE	SLIDE
3/1/65	65-0032-2	NASA	Don Webb in Bird Cage - profile view (Gemini) (6)	J. Lones	4x5	
"	65-0033	503	5 Charts - Ship's Length vs. Width (Makes Larger Mosaics & Index)	I. Rensick	Large	
3/15/65	65-0034	C-130	Graph - Altitude - 1000 ft. vs. Watt $\Omega^{-1}$ ft. <sup>2</sup>	A. Boileau	4x5	/
3/16/65	65-0035	C-130	Graph - Altitude - 1000's of Feet vs. Nadir Luminance (Crestview Area)	A. Boileau	4x5	/
"	65-0036	C-130	Graph - Altitude - 1000's of Feet vs. Nadir Luminance (Cape San Blas Area)	A. Boileau	4x5	/
	65-0037	NASA-G	Vision Research & Training Van - Line Dwg. (Gemini)	J. Taylor	4x5	/
6/29/65	65-0038		Checkerboard Pattern		Large	
"	65-0039		Data Files for S. Q. Duntley (2)		4x5	
"	65-0040	C-130	Drawing of Airplane		4x5	
"	65-0041	NASA-G	Vision Tester Data Card (Card B)	J. Taylor		
"	65-0042		Depth vs. Relative Radiance	R. Preisendorfer	4x5	
"	65-0043		SIO Report 63-32 - Fig. A-1		Large	
"	65-0044		SIO Report 64-3, 64-5 Contents Page		Large	
"	65-0045		SIO Report Quadratic Content Meter - Ref. 64-8, Figs. 7-12; Ben McGlamery	B. McGlamery	Large	
"	65-0046	NASA-G	Vision Tester Shipping Decals (for Shipping Containers) - Loudermilk	J. Taylor Loudermilk	Large	
"	65-0047		Sea Lab II - Letter "C" Chart - See 65-0021		Large	
"	65-0048	RADI	Grey Scale	B. McGlamery	Large	
"	65-0049		Transmittance vs. Altitude for Various $\Sigma$ Angles, Flight 105		Large	
"	65-0050	NASA-G	Vision Tester, Wheel A (NASA-GEMINI)	J. Taylor	Large	
"	65-0051	NASA-G	Vision Tester, Wheel A (NASA-GEMINI)	"	Large	

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Negative Log 1965-1969

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DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
6/29/65	65-0052		Special - 61-60(1), 1-18, 19, 20, 21, 22	J. Tyler	Large	
"	65-0053-1	NASA-G	Australia Target Site Vehicle	J. Taylor	4x5 Large	
"	65-0053-2	NASA-G	Australia Ground Targets - Carnarvon Australia	"	4x5	
"	65-0054-1 thru					
	-16	NASA-G	Vision Tester & In-Flight Photometer & Illustrations	"	4x5 Large	
			-2 - Orientation of Gemini Capsule over Prepared Ground Sites			
"	65-0055	RADI	Restoration Integration		Large	
"	65-0056	503	Fruit Experiment		4x5	
"	65-0057	NASA-G	Exterior View of NASA Trailer		4x5	
"	65-0058	NASA-G	NASA Trailer at Vis Lab - Exterior View		4x5	
"	65-0059	NASA-G	NASA Trailer - Exterior View		4x5	
"	65-0060	NASA-G	NASA Trailer - Exterior View		4x5	
"	65-0061		Incandescent Lamp as a Control System Element	B. Howarth	Large	
8/10/65	65-0062-1	NASA-G	Laredo Test Site Vehicle - Platform in Place (4)		4x5	
	65-0062-2	NASA-G	Laredo Test Site Vehicle - Rear door opened. Shows Instruments Inside. (3)		4x5	
"	65-0063		65-10 Report		Large	
"	65-0064		Polar Plots - Refer to 65-2, 65-10		Large	
"	65-0065	NASA-G	Nomographs for Gt-5 and Gt-7		Large	
	65-0066	----	CANCELLED		----	
"	65-0067		65-2		Large	
8/13/65	65-0068	NASA-G	In Flight Vision Tester Wheel "B" 20 May '65 FINAL		Large	
"	65-0069	NASA-G	In Flight Vision Tester Wheel "B" 28 May '65		Large	
"	65-0070	NASA-G	GT-5 Australia Target Simulations (Training in Van)		Large	
8/17/65	65-0071		Fog Tunnel		Large	
8/18/65	65-0072	NOTS	Tank and Van Model Reports Used in NOTS Report		Large	

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					NEGATIVE	SLIDE
8/19/65	65-0073	RADI	Missile Composite - Cape Kennedy (9)		4x5	
"	65-0074	503	Ships and Grey Scales			
"	65-0075		Decals - John H. Taylor's Address; Vis. Lab. Address	J. Taylor	4x5	
"	65-0076	NASA-G	Vision Tester - Used for exploded view drawings (2)	J. Taylor	4x5	
8/20/65	65-0077		Instant lettering size chart - 66-1/3; 50%		Large	
8/26/65	65-0078	—	Jim Harris reunion (12)		4x5	
"	65-0079	FAC	I.D. Photos: Austin, Tate, Harris, Simas, Johnson, McMasters		4x5	
"	65-0080-1,2,3	NASA-G	Dr. Miller in Vision Tester Cage - 3 views (3)	J. Taylor	4x5	
"	65-0081		?			
"	65-0082-1-2	VTC	V.T.C. Instrument (2)		4x5	
"	65-0083	FAC	Al Boileau - Sitting at Desk (2)	A. Boileau	4x5	
"	65-0084		Chart from Kelvin Wake Report "Distance from center of Boat vs. Distance from Sail Bow"		Large	
"	65-0085	503	Aspect Ratio Chart Mask		Large	
"	65-0086		Donald Duck	J.H. Taylor, J.C. Brown	4x5	
"	65-0087		Effect of Noise Level on Recognition of Carrier and Carrier Decoy		(Slide) 4x5	1
"	65-0088		Effect of Resolution on Recognition of Carrier to Carrier Decoy		(Slide) 4x5	1
"	65-0089		Aerial views of North Island for 2 Solar Points		(Slide) 4x5	1
"	65-0090		Photos of Resnick Contrast Transmittance Meter (3)		(Slides) 4x5	3
"	65-0091		Photos - Carrier, Carrier Decoy (4)		(Slides) 4x5	4
"	65-0092		Photos - Carrier Decoy Paintings		(Slide) 4x5	1
"	65-0093		Photos - Model Ship Collection (3)		(Slides) 4x5	3
"	65-0094		Photo - Aerial Measurements of Contrast Transmittance		(Slide) 4x5	1
"	65-0095		Illustration of low and high resolution reconnaissance systems.		(Slide) 4x5	1

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					NEGATIVE	SLIDE
8/26/65	65-0096		Sketch of a local satellite surveillance system	(Slide)	4x5	/
"	65-0097		Polar Orbit lateral ground coverage plot	(Slide)	4x5	/
"	65-0098		Quadratic Content Ship Matrices	(Slide)	4x5	/
"	65-0099		Quadratic Content Ship Matrix	(Slide)	4x5	/
"	65-0100		Quadratic Content Ship Matrix	(Slide)	4x5	/
"	65-0101	503	Carrier Image with Computer - Added Additive and Multiplicative Noise	(Slide)	4x5	/
"	65-0102-1	RADI	Portrait Linear Image Motion Correction	" (Slide)	4x5	/
"	65-0102-2	RADI	Block Diagram of Image Processing	" (Slide)	4x5	/
"	65-0102-3	RADI	Sketch p.s.f. and o.t.f. Linear Image Motion - Differentiation	" (Slide)	4x5 8x10	/
"	65-0102-4	RADI	Sketch p.s.f. & o.t.f. Linear Image Motion - Double Differentiation	" (Slide)	4x5 8x10	/
"	65-0102-5	RADI	Sketch p.s.f. & o.t.f. Linear Image Motion - Conventional Inverse Processing	" (Slide)	4x5 8x10	/
"	65-0102-6	RADI	Equations for Image Processing	" (Slide)	4x5	/
"	65-0102-7	RADI	Equations for Image Processing - Rolloff Included	" (Slide)	4x5	/
"	65-0103	NASA GEMINI	GT-5 Laredo, Texas - Altitude 23,500 ft. (2) Rev. 33	J. Taylor	70 mm.	
"	65-0104	NASA GEMINI	GT-5 Laredo, Texas - Altitude 23,500 ft. (2) Rev. 48	J. Taylor	70 mm.	
10/25/65	65-0105-1		Graph of Calculated Threshold Contrast vs. Angular Size for Statistical Summation	(Slide)	4x5	/
"	65-0105-2		Graph of Detection Probability vs. Illuminance Level for Several Angular Subtense	(Slide)	4x5	/
"	65-0105-3		Schematic Representation of Statistical Summation Model for Visual System	(Slide)	4x5	/
"	65-0105-4		Graph of Retinal Image for Various Circular Objects	(Slide)	4x5	/

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DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
10/25/65	65-0105-5		Equation for Quantum Efficiency of Visual System with Statistical Summation	(Slide)	4x5	/
"	65-0105-6		Equation Describing Retinal Image as Convolution of Object and Point Spread Function	(Slide)	4x5	/
"	65-0105-7		Equation for Total Detection Probability for a Number of Independent Visual Channels	(Slide)	4x5	/
"	65-0105-8		Photographs of C.R.T. Display of Retinal Images of Illiterate E	(Slide)	4x5	/
"	65-0105-9	V.T.C.	Exploded Optical & Mechanical Drawing		4x5	
"	65-0106	NASA-G	GT-5 Photometer - Photometer Output vs. Closest Approach Time - Rev. 33, 48 & 107		4x5	
"	65-0107	NASA-G	Astronauts on Visit to Vis Lab. - Cooper, Conrad, Armstrong, See. (12)	J. Taylor	4x5	
"	65-0108	NASA-G	Vision Tester Eye Survey Apparatus (Cooper & Co)	"	8x10	
"	65-0109	RADI	Film Scanner (Composite of Scanner, Key Punch and Electronics)		8x10 Large	
"	65-0110	NASA-G	Wind roses Chart for Yuma, Arizona - Dec.	J. Taylor	Large	
"	65-111		Mark IV Telephotometer Line Neg.		8x10	
"	65-0112	CVC	Maximum Sighting Range Calculation		Large	
"	65-0113	C-130	Line Drawings - Side & Front View		Large	
"	65-0114	NASA-G	GT-5 4:1 Rectangle (various sizes)	J. Taylor	Large Small	
"	65-0115		Aerial View Rome AFB, Rome N.Y.		Large	
"	65-0116		"E" Meter <i>Irradiometer</i>		4x5	
10/26/65	65-0117		Dr. Duntley - Diamond Island (Laser)		35 mm.	
"	65-0118	<i>Pahrump</i>	Pahrump Sky Pictures (Oct. 63 - Mar. 64)		35 mm.	
"	65-0119	"	Pahrump Sky Pictures (17 Mar. 64)		35 mm.	

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					NEGATIVE	SLIDE
10/26/65	65-0120		NBT Assembly Engineering Photos		35 mm.	
"	65-0121	NASA-G	Dr. Taylor Australia Test Site Aerial View of Ground Targets	J. Taylor	Large	
"	65-0122		Photo Illustration Service Request Form		Large	
11/8/65	65-0123	C-130	Attenuation Length vs. Altitude - Flight #650822-2		4x5	
"	65-0124	C-130	Temperature vs. Altitude - Flight #650822-2		4x5	
11/19/65	65-0125	NASA-G	In Flight Vision Tester & Photometer - Description and Assembly (NASA GT-5 & GT-7) (19)	J. Taylor	Large	
"	65-0126		J.C.'s Chart Making Method for Prints and Slides		Large	
11/29/65	65-0127		Optical Oceanography Flow Chart Image Contrast (3 Slides)	J. Tyler	4x5	3
12/30/65	65-0128		Radiance Distribution Diagram (3 Slides)	J. Tyler	4x5	3
"	65-0129	NBT	N.B.T. Schematic Null Balance Transmittance (3 Slides)	J. Tyler	4x5	3
"	65-0130		N.B.T. Data - % Transmission Per Meter vs. Depth @ 5800 A (3 Slides)	J. Tyler	4x5	3
"	65-0131		Radiance Distribution with Depth (3 Slides)	J. Tyler	4x5	3
"	65-0132		Radiance Distribution Above and Below Water (3 Slides)	J. Tyler	4x5	3
12/21/65	65-0133		Radiance Distribution Asymptotic (3 Slides)	J. Tyler	4x5	3
"	65-0134		Radiance Distribution (3 Slides)	J. Tyler	4x5	3
"	65-0135	NASA-G	Hemisphere Parts	J. Taylor	4x5	
"	65-0136	NASA-G	Hemisphere - Chin & Head Rest Assy.	"	4x5	
12/30/65	65-0137		Relative Radiance vs. Depth (1 Slide)	J. Tyler	4x5 8x10	1
"	65-0138		Phototube (1 Slide)	J. Tyler	4x5 8x10	1
"	65-0139	NASA-G	Neg. missing	J. Taylor		
"	65-0140-1-2	NASA-G	G.M.T. Time Computer Wheel	"	4x5	
"	65-0141	NASA-G	Van and Truck in Laredo, Texas	"	4x5	
"	65-0142	NASA-G	Ground Targets at Laredo, Texas	"	4x5	



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					NEGATIVE	SLIDE
12/30/65	65-0143		Neg. missing		4x5	
"	65-0144-1-2		Contrast Reduction System with Shadow Intensity Attachment		4x5	
"	65-0145-1-2		Contrast Reduction System on Roof		4x5	
"	65-0146-1-2		Contrast Reduction System - Top View on Roof		4x5	
"	65-0147-1-2		Contrast Reduction System on Roof		4x5	
"	65-0148		Contrast Reduction System on Roof		4x5	
"	65-0149-1-2		Contrast Reduction System on Roof		4x5	
"	65-0150-1-2		Contrast Reduction System on Roof		4x5	
"	65-0151-1-2		Contrast Reduction System on Roof		4x5	
"	65-0152	D. I.	Diamond Island - 1965 Data for Dr. Duntley (10)		4x5	
	65-0153	503-V-3414 SUB VIS	Submarine (17)	R. Austin	4x5	
	65-0154	503-V-3414 SUB VIS		R. Austin	4x5	
	65-0155	503-V-3414 SUB VIS	Investigation of Paint Gloss Characteristics	R. Austin	4x5	
	65-0156	503-V-3414 SUB VIS	artificial Light Out of Water	R. Austin	4x5	

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1/3/66	66-0001-1	NASA-G	GT-5 Rectangle Discrimination Thresholds - Conrad (Rept.)	J. Taylor	4x5	
"	66-0001-2	NASA-G	GT-5 Report - Rectangle Discrimination Thresholds-Cooper	J. Taylor	4x5	
"	66-0001-3	NASA-G	GT-5 Report - Rectangle Discrimination Thresholds - C = -1, Conrad	J. Taylor	4x5	
"	66-0001-4	NASA-G	GT-5 Report - Rectangle Discrimination Thresholds - C = -1, Cooper	J. Taylor	4x5	
"	66-0001-5	NASA-G	GT-5 Report - In Flight Trend of Vision Tester -Conrad	J. Taylor	4x5	
"	66-0001-6	NASA-G	GT-5 Report - In Flight Trend of Vision Tester -Cooper	J. Taylor	4x5	
"	66-0001-7	NASA-G	GT-5 Report - Vision Tester - Ground vs. Space -Conrad	J. Taylor	4x5	
"	66-0001-8	NASA-G	GT-5 Report - Vision Tester - Ground vs. Space -Cooper	J. Taylor	4x5	
1/5/66	66-0002-1	C-130	Equilibrium Radiance Telephotometer (2)	A. Boileau	4x5	
"	66-0002-2	C-130	Equilibrium Radiance Telephotometer (2)	A. Boileau	4x5	
"	66-0002-3	C-130	Equilibrium Radiance Telephotometer (2)	A. Boileau	4x5	
"	66-0003	C-130	Computer Chart	A. Boileau	4x5	
"	66-0004	C-130	Data Flow Chart - Atmospheric Research Program - Data Aquisition and Processing Diagram	A. Boileau	4x5	GLASS SLIDE
"	66-0005-1 thru 7		Charts and Formulas (7) (-1 thru -7)	Dr. Preisendorfer	4x5	
"	66-0006-1	Hemis.	Head & Chin braces, Projector Fiber Optics Timer Wheel	J Taylor	4x5	
"	66-0006-2	Hemis.	Head & Chin brace, Projector Fiber Optics Timer Wheel	"	4x5	
"	66-0006-3	Hemis.	Parts	"	4x5	
"	66-0006-4	Hemis.	Front Hemisphere- Eight boxes & well for Observer Couch	"	4x5	
"	66-0006-5	Hemis.	Light boxes	"	4x5	
"	66-0006-6	Hemis.	Observer couch with jack handle	"	4x5	
"	66-0007 1+2	Hemis.	Light boxes	"	4x5	
"	66-0008 1+2	Hemis.	Observers couch	"	4x5	
"	66-0009 1+2	Hemis.	Tracks the Hemisphere turns on (2)	"	4x5	

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DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
1/5/66	66-0010-1	NASA-G	GT-7 Report - Gemini Window	J. Taylor	4x5	
"	66-0010-2	NASA-G	GT-7 Report - Gemini Window showing Maximum Reading for Local Area	J. Taylor	4x5	
"	66-0010-3	NASA-G	GT-7 Report - Correct Scores Vision Tester, Borman and Lovell	J. Taylor	4x5	
"	66-0010-4	NASA-G	GT-7 Report - Chart - Apparent Contrast vs. Angular Subtense of Rectangle. Largest Rectangles at Laredo Site	J. Taylor	4x5	
"	66-0010-5	NASA-G	GT-7 Report - Rectangle Discrimination Thresholds - C = 1, Borman	J. Taylor	4x5	
"	66-0010-6	NASA-G	GT-7 Report - Rectangle Discrimination Thresholds - C = 0.233, Borman	J. Taylor	4x5	
"	66-0010-7	NASA-G	GT-7 Report - Rectangle Discrimination Thresholds - C = -1, Lovell	J. Taylor	4x5	
"	66-0010-8	NASA-G	GT-7 Report - Rectangle Discrimination Thresholds - C = 0.233, Lovell	J. Taylor	4x5	
"	66-0010-9	NASA-G	GT-7 Report - <sup>GT-5</sup> Rectangle Discrimination Thresholds - C = -1, Conrad	J. Taylor	4x5	
"	66-0010-10	NASA-G	GT-7 Report - <sup>GT-5</sup> Rectangle Discrimination Thresholds - Conrad	J. Taylor	4x5	
"	66-0010-11	NASA-G	GT-7 Report - GT-5 Rectangle Discrimination Thresholds - C = -1, Cooper	J. Taylor	4x5	
"	66-0010-12	NASA-G	GT-7 Report - GT-5 Rectangle Discrimination Thresholds - Cooper	J. Taylor	4x5	
"	66-0011-1-5	Sub Vis	Visibility Study - West Pac - 14 Jan - 10 Feb. 66 CONFIDENTIAL			
3/8/66	66-0012	503-V Sail	Computer Recall	J. Harris	4x5	1
4/12/66	66-0013	NASA-G	Borman using IFVT on GT-7	J. Taylor	4x5	2

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					NEGATIVE	SLIDE
4/12/66	66-0014-1	SUB VIS	SUBMARINE PICTURES (ROZ AUSTIN TRIP)	(Color)	35 mm.	
"	66-0014-2	"	" "	(Color)	35 mm.	
"	66-0014-3	"	" "	(Color)	35 mm.	
"	66-0014-4	"	" "	(Color)	35 mm.	
"	66-0014-5	"	" "	(Color)	35 mm.	
"	66-0014-6	"	" "	(Color)	35 mm.	
"	66-0014-7	"	" "	(Color)	35 mm.	
"	66-0014-8	"	" "	(Color)	35 mm.	
"	66-0014-9	"	" "	(Color)	35 mm.	
"	66-0014-10	"	" "	(Color)	35 mm.	
"	66-0014-11	"	" "	(Color)	35 mm.	
"	66-0015	NASA-G	Aerial View Laredo Target	(Color)	35 mm.	
4/27/66	66-0016-1	<sup>SUB VIS</sup> 503-V-Sail	Submarine Visibility Equip. - Control Panel		4x5	
"	66-0016-2	<sup>SUB VIS</sup> 503-V-Sail	Submarine Visibility Equip. - Side View		4x5	
"	66-0016-3	<sup>SUB VIS</sup> 503-V-Sail	Submarine Visibility Equip. - Photocells used on Sub (3)		4x5	
"	66-0016-4	<sup>SUB VIS</sup> 503-V-Sail	Submarine Visibility Equip. - Side View		4x5	
"	66-0016-5	<sup>SUB VIS</sup> 503-V-Sail	Submarine Visibility Equip. - Side View (2)		4x5	
"	66-0016-6	<sup>SUB VIS</sup> 503-V-Sail	Submarine Visibility Equip. - Front View		4x5	
"	66-0017-1-2	C-130	Spectrograph used in Spectro-sensitivity Photometer	A. Boileau	4x5	
"	66-0018-1	SUB VIS	Equip. on Sub. - Photocell Mounted on Bow of Sub (4)		4x5	35 mm
"	66-0018-2	SUB VIS	Equip. on Sub - Photocell on Sail of Submarine (2)		4x5	"
"	66-0018-3	SUB VIS	Equip. on Sub - Photocell on Conning Tower of Sub (2)		4x5	"
"	66-0018-4	SUB VIS	Equip. on Sub - Photocell on Sail of Submarine (2)		4x5	"
"	66-0018-5	SUB VIS	Equip. on Sub - Rack Equip. with Recorder (2)		4x5	"
6/8/66	66-0019-1	NASA-G	Lovell - GT-7 Vision Tester - In Flight Trend	J. Taylor	4x5	
"	66-0019-2	NASA-G	Borman - GT-7 Vision Tester - Ground vs. Space	J. Taylor	4x5	

P.M. Austin trip slides - 11/10/66 under number

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NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
6/8/66	66-0020	NASA-G	GT-7 Ground Target, Laredo Site	J. Taylor	4x5	
"	66-0021	NASA-G	GT-5 Vision Tester Scores - Cr. vs. Angular Subtense			
			of Target (3)	J. Taylor	4x5	
"	66-0022		?			
"	66-0023-1	NASA-G	GT-7 Ground Target with Smoke, Laredo Site	J. Taylor	4x5	
"	66-0023-2	NASA-G	Ground Target and Vis Lab Truck at Laredo, Texas	J. Taylor	4x5	
6/9/66	66-0024	FAMOS	Weather Maps		Large	
"	66-0025	RADI	"5's"		Large	
"	66-0026-1 thru -8		Moon Pictures, Lick Observatory		4x5	
"	66-0027-1 thru -6		Moon Pictures, Lick Observatory		Large	
"	66-0028	TARC	Jim Bailey's Report		Large	
"	66-0029-1 thru-7	FAMOS	Famos Report		Large	
"	66-0030	NASA-G	Display, GT-5 and GT-7	J. Taylor	Large	
"	66-0031	C-130	Panel			
"	66-0032	SUB VIS	Labels - Submarine Visibility Equipment		Large	
"	66-0033	C-130	Radiation Labels (3)		4x5	
"	66-0034	503	Carrier Silhouette - for Class		4x5	
"	66-0035	TARC	Assorted Targets (6) Circles and Crosses	J. Bailey	4x5	
6/23/66	66-0036	RADI	Fig. 5 - SIO 66-10 by B. McGlamery - Time Variant and Time-Invariant Turbulence Distorted Images Restored	B. McGlamery	4x5	
"	66-0037	RADI	Fig. 6 - SIO 66-10 - Time Variant Turbulence - Distorted Image Restored	B. McGlamery	4x5	
"	66-0038	RADI	Fig. 4 - SIO 66-10 - Undegraded and Turbulence Degraded Images	B. McGlamery	4x5	
"	66-0039	RADI	Fig. 4 -(a) Point Spread Function (b) Degraded Numeral "5"	B. McGlamery	4x5	

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NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
6/23/66	66-0040	RADI	Fig. 7 - SIO 66-10 - Chart, Comparison of Restoration Factors for the Time-Invariant & time-variant Images	B.McGlamery	4x5	
"	66-0041-1	RADI	Fig. 8 - SIO 66-10 - Comparison of Phase Corrections	B.McGlamery	4x5	
"	66-0041-2	RADI	Fig. 2 - SIO 66-10 - Optical System for Generating Turbulence - Distorted Images	B.McGlamery	4x5	
"	66-0041-3	RADI	Fig. 3 - SIO 66-10 - Representation of the paths of flux through the turbulence area from the outermost points on the object	B.McGlamery	4x5	
6/28/66	66-0042-1 thru -10	-10	Dr. Duntley's Portrait		4x5	
"	66-0043	—	Mrs. Duntley's Portrait		4x5	
6/30/66	66-0044	C-130	Illuminometer Group (E+), E(-), h1, h2) (4) 16 Jun '66		4x5	
"	66-0045	C-130	Data Logger (MIRE) with Jacking Dolly (3)		4x5	
"	66-0046	C-130	Horiz. Path Function Meter Assy. (Open) (2)		4x5	
"	66-0047	C-130	Data Logger (MIRE) with Jacking Dolly (2)		4x5	
"	66-0048-1	C-130	Horiz. Path Function Meter Photometer (3)		4x5	
"	66-0048-2	C-130	Horiz. Path Function Meter Photometer (2)		4x5	
"	66-0049	C-130	Horiz. Path Function Meter with Memory Lamp Adapter		4x5	
"	66-0050	C-130	Horiz. Path Function Meter Photometer (2)		4x5	
"	66-0051	C-130	Horiz. Path Function Meter Assy. (Closed) (2)		4x5	
7/5/66	66-0052	503	Sky and Ships - Rolls 19, 20, 21, 28, 34, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57		35 mm.	
"	66-0053-1	503	Roof Top Camera - 22 Apr. 64 - 23 Apr. 64		35 mm.	
"	66-0053-2	503	Roof Top Camera - 24 Apr. 64 - 27 Apr. 64		35 mm.	
"	66-0053-3	503	Roof Top Camera - 27 Apr. 64 - 1 May 64		35 mm.	
"	66-0053-4	503	Roof Top Camera - 7 May 64		35 mm.	
"	66-0053-5	503	Roof Top Camera - 8 May 64		35 mm.	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
7/5/66	66-0053-6	503	Roof Top Camera - 11 May 64		35 mm.	
"	66-0053-7	503	Roof Top Camera - 13 July 64, 16 July 64		35 mm.	
"	66-0053-8	503	Roof Top Camera - 16 July 64, 22 July 64		35 mm.	
"	66-0053-9	503	Roof Top Camera - 22 July 64		35 mm.	
"	66-0053-10	503	Roof Top Camera - 22 July 64, 28 July 64		35 mm.	
"	66-0054	NASA-G	GT-5 Ground Target	J. Taylor	35 mm.	
"	66-0055	NASA-G	In-Flight Vision Tester and Photometer	J. Taylor	35 mm.	
"	66-0056		Test Roll for R. Austin's 35 mm. Nikkor X		35 mm.	
"	66-0057	SKY	S.Q. Duntley, Test Run		35 mm.	
"	66-0058	503	Flight Over Carrier and Cruiser		35 mm.	
"	66-0059		54mm Micro Nikkor, Dist. 157.5 cm Pan X; Exposure Test with Gray Scale on Plus-X Pan		35 mm.	
"	66-0060	NASA-G	GT-5 Laredo Test Site Rolls: 2,3	J. Taylor	35 mm.	
"	66-0061	NASA-G	GT-5 Australia Test Site	J. Taylor	35 mm.	
"	66-0062	SUB VIS	For R. Austin	R. AUSTIN	35 mm.	
"	66-0063-1		Zoom Lens		35 mm.	
"	66-0063-2		Zoom Lens with 3X		35 mm.	
"	66-0064-1		1/1000 @ 3.5, 5, 6, 8, 11 $\frac{1}{4}$ 9 ft.		35 mm.	
"	66-0064-2		1/1000 @ 3.5, 5.6, 8, 11 @ 15 ft.		35 mm.	
7/6/66	66-0065-1	TARC	Pictures Used in Report		35 mm.	
"	66-0065-2	TARC	Pictures NOT Used in Report		35 mm.	
7/8/66	66-0066	C-130	Port Wingtip, Automax & Port Illuminometer (2)		4x5	
"	66-0067	C-130	Overall View of Aircraft #022		4x5	
"	66-0068	C-130	Observation Periscope, Outside View (2)		4x5	
"	66-0069	C-130	Lower Illuminometer & Driftsight, Outside View (2)		4x5	
"	66-0070	C-130	Forward Cargo Door Instrumentation, Zn-Na Pod Open		4x5	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
7/8/66	66-0071	C-130	Forward Cargo Door Instrumentation, Zn-Na Pod Closed		4x5	
"	66-0072	C-130	Starboard Wingtip, Internal View, Without Magazine		4x5	
"	66-0073	C-130	Starboard Wingtip, Internal View, Without Magazine (2)		4x5	
"	66-0074	C-130	Starboard Wingtip, Internal View, With Magazine (2)		4x5	
"	66-0075	C-130	Port Wingtip, Internal View, Without Magazine (2)		4x5	
"	66-0076	C-130	Port Wingtip, Internal View, Without Magazine (2)		4x5	
"	66-0077	C-130	Zn-Na Pod, with Scan Head, Exposed View		4x5	
"	66-0078	C-130	Nadir Camera Assy. - Outside View (2)		4x5	
"	66-0079	C-130	Na Camera Location, Outside View of Ramp and Door (2)		4x5	
"	66-0080	C-130	Horiz. Path Function Meter, Mounted Aft View		4x5	
"	66-0081	C-130	Horiz. Path Function Meter, Mounted, Port View		4x5	
"	66-0082	C-130	Horiz. Path Function Meter, Mounted, Starboard View (2)		4x5	
7/12/66	66-0083	SUB VIS	Submarine Visibility Control Panel (2)		4x5	
"	66-0084	NASA-A	Target (2)	J. Taylor	4x5	
"	66-0085	NASA-G	Picture taken from GT - Used with Submarine Pictures (66-0014) (color)	"	35 mm.	
"	66-0086	SUB VIS	Submarine Pictures - Neg. No. is 66-0014-11		35 mm.	
"	66-0087-1-2	C-130	A. Spectrometer <del>meter</del> Probes w/covers removed	D. Johnson	4x5	
"	66-0088	C-130	A. Spectrometer Probes with covers removed	"	4x5	
"	66-0089-1-2	C-130	A Spectrum Probes w/covers in Place	"	4x5	
"	66-0090	C-130	A. Spectrometer System, Left Front View (2)	"	4x5	
"	66-0091	C-130	A. Spectrometer System Dome in Place(2)	"	4x5	
"	66-0092	C-130	A. Spectrometer System Dome Removed (2)	"	4x5	
"	66-0093	C-130	A. Spectrometer Centrifuge Dome Seal (2)	"	4x5	
"	66-0094	C-130	A. Spectrometer Refrigerator Shock Mount.	"	4x5	
"	66-0095		Labels - "Confidential"		4x5	



NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
7/12/66	66-0096-1-8	FAMOS	Famos Weather Maps		4x5	
8/3/66	66-0097	RADI	SIO 66-10 Report - Distorted and Restored "5's"	B. McGlamery	Large	
8/18/66	66-0098-1-2	<i>model</i>	Tank Model Headed Parallel to the Azimuth of the Sun (Fig. 1 and Fig. 2) (4)		4x5	
8/26/66	66-0099	RADI	Pegasus Satellites		4x5	
"	66-0100	RADI	Scan for Various Ranges of Mech. Mule vs. Patton Tank		4x5	
"	66-0101	RADI	Equation for Night Vision Device		4x5	
"	66-0102	RADI	Equation for Night Vision Device		4x5	
"	66-103	RADI	Equation for Night Vision Device		4x5	
9/12/66	66-104-1-5	NASA-G	NASA - Young Space Suit	J. Taylor	4x5	
9/13/66	66-0105	SUB VIS	Submarine Visibility Block Diagram		4x5	
"	66-0106-1	NASA-G	Lunar Surface Simulator, Front lumination w/man model(2)	J. Taylor	4x5	
"	66-0106-2	NASA-G	Lunar Surface Simulator, Back lumination w/Man Model	"	4x5	
9/15/66	66-0107	RADI	Radi Scanner Schematic Drawing - Lucite Rod		4x5	
"	66-0108	RADI	Block diagram - steps necessary for "Image Restoration"		4x5	
"	66-0109	<i>FAC</i>	Passport Picture - J.H. Taylor	J. Taylor	4x5	
"	66-0110		Redone (See Neg. 66-0159) Log Liminal Contrast vs. Log Visual Angle	J. Taylor	4x5	
"	66-0111-1	NASA-G	GT-5 Vision Tester In Flight Trends - Cooper	J. Taylor	4x5	
"	66-0111-2	NASA-G	GT-5 Vision Tester In Flight Trends - Conrad	J. Taylor	4x5	
"	66-0111-3	NASA-G	GT-5 Vision Tester (Ground vs. Space) - Cooper	"	4x5	
"	66-0111-4	NASA-G	GT-5 Vision Tester (Ground vs. Space) - Conrad	"	4x5	
"	66-0111-5	NASA-G	GT-7 Vision Tester In Flight Trends - Borman	"	4x5	
"	66-0111-6	NASA-G	GT-7 Vision Tester In Flight Trends - Lovell	"	4x5	
"	66-0111-7	NASA-G	GT-7 Vision Tester (Ground vs. Space) - Borman	"	4x5	
"	66-0111-8	NASA-G	GT-7 Vision Tester (Ground vs. Space) - Lovell	"	4x5	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
10/10/66	66-0112	SUB VIS	Point Reflectance on R U/D Scale		4x5 Large	
10/11/66	66-0113	SUB VIS	Isoreflectance Charts Submarine Deck Paint		Large	
10/17/66	66-0114-1	N.S.F.	Downwelling & Upwelling Irradiance of San Vicente - (Also used in report to O.S.A. at San Francisco October '66) (4)	Ray Smith	4x5	35 mm
"	66-0114-2	N.S.F.	Crater Lake Downwelling and Upwelling Irradiance - (Also used in Report to OSA at San Francisco October '66) (3)	Ray Smith	4x5	35 mm
"	66-0115	RADI	Line Drawing of 36 Parttime Participants for OSA Meeting in San Francisco - Oct. '66	J. Harris	4x5	35 mm
"	66-0116	Dia. Is.	Dr. Duntley Circular Disk Apparent Contrast vs. Object Distance - Used in Report to SPIE at Santa Barbara, <sup>OCT.</sup> 1966 (3)	Dr. Duntley	4x5	
10/27/66	66-0117	N.S.F.	Downwelling and Upwelling in Coastal Waters of Coronado, Don Juan Mexicana and San Diego, Jan. & April 1966(11)	J. Tyler	4x5	
"	66-0118		Vis Lab Photo Data Board		Large	
11/1/66	66-0119-1-3	C-130	Atmospheric Research Brance Organizational Charts (3)		4x5	
12/2/66	66-0120-1-9	FAC	Telephone Directory - Dec. 1966	F. Maloney	Large	
12/9/66	66-0121-1	Dia. Is.	Pulse Stretch Factor 1 (Feet)		4x5	
"	66-0121-2	Dia. Is.	Pulse Stretch Factor $\phi$ Degrees		4x5	
"	66-0121-3	Dia. Is.	Pulse Height (m.m.)		4x5	
12/12/66	66-0122	RADI	Points - 3 Bar - Pegasus Resolution K = 1.0		4x5	
"	66-0123	RADI	Points - 3 Bar - Pegasus Resolution K = 2.25		4x5	
"	66-0124	RADI	Pegasus Spatial Frequency Spectrum		4x5	
"	66-0125	RADI	Differaction Limited F's		4x5	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
12/13/66	66-0126	NSF	Total Irradiance - Crater Lake Aug. 5, 1966	Ray Smith	4x5	
"	66-0127	NSF	Irradiance - San Vicente, July 22, 1966	Ray Smith	4x5	
"	66-0128	NSF	Downwelling Irradiance - 15 Logs	Ray Smith	4x5	
"	66-0129	NSF	Downwelling Irradiance - Crater Lake, Aug. 5, 1966	Ray Smith	4x5	
"	66-0130	NSF	Upwelling Irradiance - Crater Lake, Aug. 5, 1966	Ray Smith	4x5	
"	66-0131	NSF	Radiant Power Absorbed/Volume vs. $\lambda$ [nm]	Ray Smith	4x5	
"	66-0132	NSF	Puerto Don Juan & Isla Coronado $N[z, -]/N[z, +]$ vs. $\lambda$ [nm]	Ray Smith	4x5	
"	66-0133	NSF	Reflectance Function - San Vicente, July 22, 1966	Ray Smith	4x5	
"	66-0134	NSF	Irradiance - Crater Lake, Aug. 5, 1966	Ray Smith	4x5	
"	66-0135	NSF	Radiance - Puerto Don Juan & Isla Coronado	Ray Smith	4x5	
"	66-0136	NSF	Upwelling & Downwelling Radiance - Isla Coronado, April 22, 1966	Ray Smith	4x5	
"	66-0137	NSF	Upwelling & Downwelling Radiance - Isla Coronado, April 24, 1966	Ray Smith	4x5	
"	66-0138	NSF	Upwelling & Downwelling Radiance - San Vicente, July 22, 1966	Ray Smith	4x5	
"	66-0139	NSF	Upwelling & Downwelling Radiance - Puerto Don Juan, April 24, 1966	Ray Smith	4x5	
"	66-0140	NSF	Relative Units vs. $\lambda$ [nm] - San Vicente, July 1, 1966	Ray Smith	4x5	
"	66-0141	NSF	Upwelling Radiance - San Diego Coastal Waters, January 6, 1966	Ray Smith	4x5	
"	66-0142	NSF	Reflectance - Crater Lake, Aug. 5, 1966	Ray Smith	4x5	
"	66-0143	NSF	Radiance - Coastal Waters, January 6, 1966	Ray Smith	4x5	
12/14/66	66-0144	C-130	Voltage Change vs. Temperature - Westinghouse WX 4582 #60-39-060 Fig. 6 SIO 67-2	A. Boileau	4x5	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
12/14/66	66-0145	C-130	Voltage Change vs. Temperature - Westinghouse			
			WX4582 - #61-09-026 <i>Fig. 5 SIO 67-2</i>	A. Boileau	4x5	
"	66-0146	C-130	Voltage Change vs. Temperature - Westinghouse WX4582 -			
			Nos. 62-48-029, 60-44-083, Wratten #47 Filter (2) <sup>Fig. 7</sup> <sub>SIO 67-2</sub>	A. Boileau	4x5	
"	66-0147	C-130	Voltage Change vs. Temperature - Wratten #29 Filter <sup>Fig. 9</sup> <sub>SIO 67-2</sub>	A. Boileau	4x5	
"	66-0148	C-130	Voltage Change vs. Temperature - Wratten #106 Filter <sup>Fig. 8</sup> <sub>SIO 67-2</sub>	A. Boileau	4x5	
"	66-0149	C-130	Phototube Sensitivity vs. Wavelength - Westinghouse			
			WX4582 - #61-09-026 <i>Fig. 2 SIO 67-2</i>	A. Boileau	4x5	
"	66-0150	C-130	Phototube Sensitivity vs. Wavelength <i>Fig. 3 SIO 67-2</i>	A. Boileau	4x5	
"	66-0151	C-130	Sensitivity vs. Wavelength <i>Fig. 4 SIO 67-2</i>	A. Boileau	4x5	
12/20/66	66-0152-1	C-130	Integrated Photometer Assy., Illuminometer Package			
			with Scale (2)	D. Johnson	4x5	
"	66-0152-2	C-130	Integrated Photometer Assy., Exploded View (2)	D. Johnson	4x5	
"	66-0152-3	C-130	Integrated Photometer Assy., Exploded View (2)	D. Johnson	4x5	
"	66-0152-4	C-130	Integrated Photometer Assy., Exploded View w/Scale (2)	D. Johnson	4x5	
"	66-0153-1	C-130	2 $\pi$ Scanner Assy., Bottom View w/-1 TE/MPT (2)	D. Johnson	4x5	
"	66-0153-2	C-130	2 $\pi$ Scanner Assy. - Top View (2)	D. Johnson	4x5	
"	66-0153-3	C-130	2 $\pi$ Scanner Assy. - Side View w/-1 TE/MPT (2)	D. Johnson	4x5	
"	66-0154-1	C-130	Contrast Reduction Meter w/-1 TE/MPT and			
			Equatorial Mount (2)	D. Johnson	4x5	
"	66-0154-2	C-130	Three Slide Photometer System, Storage and			
			Shipping Mode (2)	D. Johnson	4x5	
"	66-0154-3	C-130	Three Slide Photometer System, Operate Mode (2)	D. Johnson	4x5	
"	66-0154-4	C-130	Contrast Reduction Meter w/3 Slide Photometer System			
			and m.g. set (2)	D. Johnson	4x5	
"	66-0155-1	C-130	Vented Ram Aerosol Probe, Exploded View (2)	D. Johnson	4x5	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
12/20/66	66-0155-2	C-130	Vented Ram Aerosol Probe, Exploded View w/Scale (2)	D. Johnson	4x5	
12/22/66	66-0156	NASA-G	Report given in Madrid (17)	J. Taylor	4x5	
"	66-0157	RADI	Photo Cathode Protection Circuit	R. Ensminger B. Howarth	4x5	
"	66-0158	SHEDLIGHT	Charts and Graphs (8)	P. Church	4x5	
"	66-0159	NASA-G	J.H. Taylor Report - Graphs (2) <i>Fig. 1 + Fig. 5 SFO 67-3</i>	J. Taylor	4x5	
12/29/66	66-0160	NASA-G	Lunar Surface Illumination (Charts from J.P.L. Info) (3)	J. Taylor	4x5	
"	66-0161	NASA-G	Moon Surface Simulator (Composite of Back Lighting and Front Lighting) (2) <i>Fig. 2 SFO 67-3</i>	J. Taylor	4x5	
"	66-0162	NASA-G	Limb MDL on Simulated Lunar Surface (Reflection of Sun Glint) <i>Fig. 4 SFO 67-3</i>	J. Taylor	4x5	
"	66-0163	NASA-G	Limb MDL on Simulated Lunar Surface <i>Fig. 3 SFO 67-3</i>	J. Taylor	4x5	
	66-0164-1-4	C-130	ZN-NA In House (Close-up pictures of Equipment Not Mounted on Aircraft (6)	D. Johnson	4x5	
"	66-0165-1	C-130	ZN-NA Up-Down Assemblies - Equip. not mounted on aircraft	D. Johnson	4x5(2)	
"	66-0165-2	C-130	ZN-NA Up-Down Assemblies - " " " " "	"	4x5(2)	
"	66-0165-3	C-130	ZN-NA Up-Down Assemblies - " " " " "	"	4x5(2)	
"	66-0165-4	C-130	ZN-NA Up-Down Assemblies - " " " " "	"	4x5(2)	
"	66-0165-5	C-130	ZN-NA Up-Down Assemblies - " " " " "	"	4x5(2)	
"	66-0165-6	C-130	ZN-NA Assemblies - " " " " "	"	4x5(2)	
"	66-0165-7	C-130	ZN-NA Assemblies - " " " " "	"	4x5(2)	
"	66-0165-8	C-130	ZN-NA Assemblies - " " " " "	"	4x5(2)	
"	66-0165-9	C-130	ZN-NA Assemblies - " " " " "	"	4x5(2)	
"	66-0165-10	C-130	ZN-NA Assemblies - " " " " "	"	4x5(2)	
"	66-0165-11	C-130	ZN-NA Assemblies - " " " " "	"	4x5(2)	
"	66-0166-1-8	NADC	Low Angle Scatter Meter	J. Lones	4x5	

NEGATIVES 1966

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
12/29/66	66-0167	SUB VIS	Computer Submarine (1 slide, 1 Polaroid print, 1 neg.)	J. Harris	4x5	
"	66-0168	NASA-G	Target Sites on Ground - Australia, GT-5 & GT-7, (21 Frames) (Color)	J. Taylor	35 mm.	
"	66-0169	NASA-G	Target Sites on Ground - Australia, GT-5 & GT-7, (17 Frames) (Color)	J. Taylor	35 mm.	
"	66-0170	NASA-G	Target Sites on Ground, GT-5 & GT-7 (Color)	J. Taylor	35 mm.	
"	66-0171	NASA-G	Target Sites Seen From Airplane, Laredo	J. Taylor	35 mm.	
"	66-0172-1	SUB VIS	Pictures of Submarine (FR. 1-3, 42-44)		35 mm.	
"	66-0172-2	SUB VIS	Pictures of Submarine (FR. 4-9)		35 mm.	
"	66-0172-3	SUB VIS	Pictures of Submarine (FR. 37-40)		35 mm.	
"	66-0173	C-130	29 Sept. 66; Under Side of Scanner Shaft with Door Open		35 mm.	
"	66-0174	RADI	Basic Image Processing Equations	J. Harris	4x5	
"	66-0175	RADI	Computer Schlieren - Part I	J. Harris	4x5	
"	66-0176	RADI	Computer Schlieren - Part II	J. Harris	4x5	
"	66-0177	RADI	Star Image vs. Gaussian Distribution	J. Harris	4x5	
"	66-0178	RADI	Same as 66-0175	J. Harris	4x5	
"	66-0179	RADI	Examples of Image Processing	J. Harris	4x5	

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NEGATIVES 1967

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
1/10/67	67-0001	NASA-G	Oblique Photograph made by Lunar Orbiter II	J. Taylor	4x5	
"	67-0002	NASA-G	Artists Drawing of LEM on the Lunar Surface	J. Taylor	4x5	
"	67-0003	NASA-G	Set-up Diagrams for LEM Model Photographs	J. Taylor	4x5	
2/2/67	67-0004-1	HEMIS.	Rear View of Hemisphere Projector and Hook-up			
			Fiber Optics (2)	J. Taylor	4x5	
"	67-0004-2	HEMIS.	Hemisphere Observer in Couch (2)	J. Taylor	4x5	
"	67-0004-3	HEMIS.	Hemisphere - Interior View Showing Couch and			
			Light Boxes (2)	J. Taylor	4x5	
"	67-0004-4	HEMIS.	Hemisphere - Interior View Showing Couch, Light Boxes,			
			Head & Chin Rest in Control Panel (2)	J. Taylor	4x5	
"	67-0004-5	HEMIS.	Hemisphere - Interior View Showing Head & Chin Rest in			
			Control Panel (2)	J. Taylor	4x5	
"	67-0004-6	HEMIS.	Hemisphere - Control Panel and Power Supply (2)	J. Taylor	4x5	
2/8/67	67-0005-1	C-130	Horiz. Path Function vs. Altitude in 1000's of Feet	A. Boileau	4x5	
"	67-0005-2	C-130	Attenuation Length vs. Altitude in 1000's of Feet	A. Boileau	4x5	
"	67-0005-3	C-130	Mountain Daylight Savings Time vs. Altitude in			
			1000's of Feet	A. Boileau	4x5	
"	67-0005-4	C-130	Temperature vs. Altitude in 1000's of Feet	A. Boileau	4x5	
"	67-0005-5	C-130	R(Reflectance) vs. Altitude in 1000's of Feet	A. Boileau	4x5	
"	67-0005-6	C-130	Upwelling & Downwelling Illuminance vs. Altitude in			
			1000's of Feet	A. Boileau	4x5	
"	67-0005-7	C-130	Relative Humidity vs. Altitude in 1000's of Feet	A. Boileau	4x5	
"	67-0005-8	C-130	Background Luminance vs. Altitude in 1000's of Feet	A. Boileau	4x5	
"	67-0005-9	C-130	Equilibrium Luminance vs. Altitude in 1000's of Feet	A. Boileau	4x5	
3/7/67	67-0006-1	VTC	Path of Sight - Van	P. Church	4x5	
"	67-0006-2	VTC	Path of Sight - Vehicles	P. Church	4x5	

NEGATIVES 1967

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
3/7/67	67-0007	M.O.L.	Round Screen Background & Targets	J. Taylor	Large	
3/17/67	67-0008	RADI	Bar Pattern (Both negs. filed in Large Neg. File)	J. Harris	4x5 Large	
"	67-0009	FAC	Production Control Sheet for Vis Lab Reports	J.C. Brown	Large	
3/22/67	67-0010	RADI	RADI Computer Buttons	S. Goulart	Large	
3/29/67	67-0011	FAC	I.D. Photo - Gerry Edwards	G. Edwards	4x5	
"	67-0012	FAC	I.D. Photo - Dick Loudermilk	D. Loudermilk	4x5	
"	67-0013	FAC	I.D. Photo - Ted Petzold	T. Petzold	4x5	
4/6/67	67-0014-1	FAMOS	Contrast Reduction Meter (2) (Kluge)	C. Edgerton	4x5	
"	67-0014-2	FAMOS	CRM with Slotted Gershun Tube (Kluge) (2)	C. Edgerton	4x5	
"	67-0014-3	FAMOS	CRM (2) (Kluge)	C. Edgerton	4x5	
"	67-0014-4	FAMOS	Slotted Gershun Tube (2) (KLUGE)	C. Edgerton	4x5	
"	67-0014-5	FAMOS	CRM (2) (KLUGE)	C. Edgerton	4x5	
"	67-0014-6	FAMOS	CRM & Recorder - Entire Field Operation	C. Edgerton	4x5	
4/26/67	67-0015	C-130	Copy neg. from NASA Color Print (Similar to 64-0075)	A. Boileau	4x5	
"	67-0016	SHEDLIGHT	Wind Tunnel Facility (2)	G. Barnett	4x5	
"	67-0017	SHEDLIGHT	Velocity Probe Calibration (2)	G. Barnett	4x5	
"	67-0018	SHEDLIGHT	Velocity Reduction Measurement (2)	G. Barnett	4x5	
4/27/67	67-0019	SHEDLIGHT	Beutel & Brewer Integrating Nephelometer Wind Tunnel Model (Front View) (2)	G. Barnett	4x5	
"	67-0020	SHEDLIGHT	Beutel & Brewer Integrating Nephelometer Wind Tunnel Model (Side View) (2)	G. Barnett	4x5	
5/1/67	67-0021	RADI	Degradation by Random Phase Shift	J. Harris	4x5	
"	67-0022	RADI	Examples of Image Restorations	J. Harris	4x5	
6/4/67	67-0023	RADI	"S" and "5" Fourier Series - $F_m = 1$	J. Harris	4x5	
"	67-0024	RADI	"S" and "5" Fourier Series - $F_m = 2$	J. Harris	4x5	
"	67-0025	RADI	"S" and "5" Fourier Series - $F_m = 3$	J. Harris	4x5	



NEGATIVES 1967

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
				J. Harris	4x5	
6/14/67	67-0026	RADI	"S" and "5" Fourier Series $F_m = 4$	J. Harris	4x5	
"	67-0027	RADI	"S" and "5" Fourier Series $F_m = 5$	J. Harris	4x5	
"	67-0028	RADI	"S" and "5" Fourier Series $F_m = 9$	J. Harris	4x5	
"	67-0029	RADI	"S" and "5" Fourier Series $F_m = 18$	J. Harris	4x5	
"	67-0030	RADI	Random Phase and Coding	J. Harris	4x5	
"	67-0031	RADI	Random Displacement and Coding	J. Harris	4x5	
"	67-0032	RADI	CRT Numeral "5" (Also Defocused)	J. Taylor	4x5	
6/30/67	67-0033	785	Dayton Brown's Natural Illumination Charts (35mm.)	J. Taylor	4x5	
"	67-0034	785	Dayton Brown's Natural Illumination Charts (35 mm.)	J. Taylor	4x5	
"	67-0035	785	Dayton Brown's Natural Illumination Charts (35 mm.)	J. Taylor	4x5	
"	67-0036	785	Dayton Brown's Natural Illumination Charts (35 mm.)	J. Taylor	4x5	
"	67-0037	785	Fig. 22, Page 24, Handbook of Colorimetry by A. C. Hardy (35 mm.)	J. Taylor	4x5	
"	67-0038	785	Table I from Luria, Kinney and Weissman, Estimates of size and distance underwater, Am. J. Psychol., June 1967, p.284 (35 mm.)	J. Taylor	4x5	
					Large	105 mm
7/3/67	67-0039	RADI	RADI Schematic Master (105 mm)	Dr. Duntley	35 mm	
7/12/67	67-0040	Green Flash Flight	Star Pictures shot by Dr. Duntley (35 mm)			
7/21/67	67-0041	EXPO 67	Six negatives for EXPO 67 & 1 Color Slide	J. Tyler	4x5	
7/31/67	67-0042	NSF	Radiance Distribution (Zenith)	R. Ensminger	4x5	
8/8/67	67-0043	RADI	Mag. Tape Control Panel KB Micro-Switch Detail			
8/10/67	67-0044	NSF	Deep Transmittance Data for Ocean Water - by G. Gilbert (Chart)	J. Tyler	4x5	
"	67-0045	NSF	Photo: William Beebe and Bathyscaph	J. Tyler	4x5	
8/11/67	67-0046	NASA-G	Card A for Vision Tester	Loudermilk	4x5	
"	67-0047	NASA-G	Card B for Vision Tester	Loudermilk	4x5	

NEGATIVES 1967

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
				Loudermilk	4x5	
8/11/67	67-0048	NASA-G	Card for Gemini Vision Tester - Duplicates	D. Johnson	4x5	
8/21/67	67-0049	C-130	Airborne Control Panel, Lower Panel Layout	D. Johnson	4x5	
"	67-0050	C-130	Airborne S-20 & S-1 Multiplier Phototube Assemblies (2)	D. Johnson	4x5	
"	67-0051	C-130	Ground Based S-20 & S-1 Transducer & Control Systems(3)	D. Johnson	4x5	
"	67-0052	C-130	Airborne Instrument Racks A-B-C, Front Panel Layout (2)	D. Johnson	4x5	
"	67-0053	C-130	Airborne Control Console, Upper Panel Layout (2)	D. Johnson	4x5	
"	67-0054	C-130	42 Channel Data Logger (MIRE), Front Panel Layout (2)	D. Johnson	4x5	
"	67-0055	C-130	Airborne Control Console & Rack Arrangement (2)	D. Johnson	4x5	
9/11/67	67-0056	ONR	Pickett & Meyers Photosynthetic Response Spectra	R. Smith	4x5	
"	67-0057	ONR	San Vicente Extinction Coefficients vs. Depth	R. Smith	4x5	
"	67-0058	ONR	Crater Lake Extinction Coefficients vs. Depth	R. Smith	4x5	
"	67-0059	ONR	Pickett & Meyers Haxo Action Spectra	R. Smith	4x5	
"	67-0060	ONR	San Vicente & Crater Lake Irradiance K	R. Smith	4x5	
"	67-0061	UWRAD	Wave Length vs. Attenuation Length for Ocean and Coastal Waters	Dr. Duntley	4x5	
"	67-0062	UWRAD	Irradiance vs. Depth for Ocean Water	Dr. Duntley	4x5	
"	67-0063	UWRAD	Irrad. expected at various depths directly beneath a frosted spherical incandescent lamp suspended 10 meters beneath the ocean surface at night.	J. Bailey	35 mm.	
9/19/67	67-0064	Dia. Is.	Search for Clear Water in Pacific	J. Taylor	4x5	
10/6/67	67-0065	NASA-G	Tunnel Equipment	J. Taylor	4x5	
"	67-0066	NASA-G	Tunnel Equipment	D. Johnson	4x5	
10/10/67	67-0067	SHEDLIGHT	Rack B (2)	D. Johnson	4x5	
"	67-0068	SHEDLIGHT	VSCC - Left (2)	D. Johnson	4x5	
"	67-0069	SHEDLIGHT	MIRE (2)	D. Johnson	4x5	
"	67-0070	SHEDLIGHT	Rack A - Lower	D. Johnson	4x5	
"	67-0071	SHEDLIGHT	Rack A - Upper	D. Johnson	4x5	
"	67-0072	SHEDLIGHT	Rack C (2)	D. Johnson	4x5	

67-0056-1015 Negative for 1965-1015

NEGATIVES 1967

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
10/10/67	67-0073	SHEDLIGHT	VSCC - Right (2)	D. Johnson	4x5	
"	67-0074	SHEDLIGHT	Front View Royco Particle Counter w/Calibrator (2)	D. Johnson	4x5	
"	67-0075	SHEDLIGHT	Front View Royco Particle Counter w/o Calibrator (2)	D. Johnson	4x5	
"	67-0076	SHEDLIGHT	Back View Royco Particle Counter w/o Calibrator (2)	D. Johnson	4x5	
10/17/67	67-0077	SHEDLIGHT	Rack Assembly	D. Johnson	4x5	
"	67-0078	RADI	Original Film Scanner (2)	J. Harris	4x5	
"	67-0079	RADI	Mag. Tape Scanner Electronics (2)	J. Harris	4x5	
"	67-0080	RADI	Microscope Scanner Head	J. Harris	4x5	
"	67-0081	RADI	526 Scanner Electronics (2)	J. Harris	4x5	
"	67-0082	RADI	Image Plane Scanner & Remote Console (2)	J. Harris	4x5	
10/18/67	67-0083	SHEDLIGHT	Flight 660911 - Fig. 4, App. Opt. A/C Tracks Fig. 1 <sup>SF 0</sup> 67.26	A. Boileau	4x5	
"	67-0084	SHEDLIGHT	Flight 660911 - Fig. 5, App. Opt. Mag Heading	A. Boileau	4x5	
"	67-0085	SHEDLIGHT	Flight 660911 - Fig. 6, App. Opt. - Alt. vs. Time	A. Boileau	4x5	
"	67-0086	SHEDLIGHT	Flight 660911 - Fig. 7, App. Opt. - Temp Profile	A. Boileau	4x5	
"	67-0087	SHEDLIGHT	Flight 660911 - Fig. 8, App. Opt. - Humidity Profile	A. Boileau	4x5	
"	67-0088	SHEDLIGHT	Flight 660911 - Fig. 9, App. Opt. - Illuminance Profiles	A. Boileau	4x5	
"	67-0089	SHEDLIGHT	Flight 660911, - Fig. 10, App. Opt. - Reflectance Profiles	A. Boileau	4x5	
"	67-0090	SHEDLIGHT	Flight 660911 - Fig. 11, App. Opt. - Horiz. Path Function Profile	A. Boileau	4x5	
"	67-0091	SHEDLIGHT	Flight 660911 - Fig. 12, App. Opt. - Equil. Lum. Profile	A. Boileau	4x5	
"	67-0092	SHEDLIGHT	Flight 660911 - Fig. 13, App. Opt. - Attenuation Length Profiles	A. Boileau	4x5	
"	67-0093	SHEDLIGHT	Flight 660911 - Fig. 14, App. Opt. - Apparent Background Luminance	A. Boileau	4x5	
"	67-0094	SHEDLIGHT	Flight 660911 - Fig. 15, App. Opt. - Horiz. Path Function vs. Relative Humidity	A. Boileau	4x5	

# NEGATIVES 1967

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
10-17-67	67-0095	RADI	Visibility Laboratory Decal <span style="font-size: small;">(1970 Lab)</span>	H. Barkdoll	4x5	
10-30-67	67-0096	UW RAD	Radiance Distribution Diagram	Ray Smith	4x5	35 mm
"	67-0097	UW RAD	Project Geometry of Fish Eye Lens	Ray Smith	4x5	35 mm
"	67-0098	UW RAD	Radiance Tube	Ray Smith	4x5	35 mm
	67-0099	SHEDLIGHT	Lower Rack C	D. Johnson	4x5	
	67-0100	785	Bridget Riley - "Fall" (detail)	J. Taylor	4x5	
	67-0101	785	Impossible Figure	J. Taylor	4x5	
	67-0102	785	Hubel and Wiesel - Fig. 1	J. Taylor	4x5	
	67-0103	785	Hubel and Wiesel - Figure 2	J. Taylor	4x5	
	67-0104	785	Hubel and Wiesel - Figure 3	J. Taylor	4x5	
	67-0105	785	Hubel and Wiesel - Figure 5	J. Taylor	4x5	
	67-0106	785	Hubel and Wiesel - Figure 6	J. Taylor	4x5	
	67-0107	785	Point Source Nomogram	J. Taylor	4x5	
	67-0108	785	Natural Illumination (Lat. 40°)	J. Taylor	4x5	

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Negative Log 1965-1967

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
1-68	68-0001	SHEDLIGHT	Cambridge Dewpoint Hygrometer, Probe Assembly	D. Johnson	4x5	
"	68-0002	SHEDLIGHT	Cambridge Dewpoint Hygrometer, Probe Assembly, with Protective Caps	D. Johnson	4x5	
"	68-0003	SHEDLIGHT	Dual Irradiometer Assembly, with TE Detector and Six Flag Filter Changer, Front View	D. Johnson	4x5	
"	68-0004	SHEDLIGHT	Dual Irradiometer Assembly, with TE Detector and Six Flag Filter Changer, Rear View	D. Johnson	4x5	
"	68-0005	SHEDLIGHT	Integrating Nephelometer, Mode Selector Head and Fairing, Left Side View	D. Johnson	4x5	
"	68-0006	SHEDLIGHT	Integrating Nephelometer Mode Selector Head and Fairing, Right Side View	D. Johnson	4x5	
"	68-0007	SHEDLIGHT	Integrating Nephelometer Mode Selector Head and Fairing, Top View	D. Johnson	4x5	
"	68-0008	SHEDLIGHT	Rack A Lower Shelf with AMQ-17 and Hygrometer Control Unit	D. Johnson	4x5	
"	68-0009	SHEDLIGHT	Rack A Layout with Royco System, AMQ-17, and Hygrometer Control Unit, Front View	D. Johnson	4x5	
"	68-0010	SHEDLIGHT	Rack A Layout with Royco System, AMQ-17, and Hygrometer Control Unit, Rear View	D. Johnson	4x5	
"	68-0011	NSF	Diffuse Attenuation Coefficient - San Vicente Reservoir	Ray Smith	4x5	
"	68-0012	NSF	Diffuse Attenuation Coefficient - Crater Lake	Ray Smith	4x5	
2-68	68-0013	SUB VIS	Transmissometer Receiver Optics	T. Petzold	4x5	35 mm
"	68-0014	SUB VIS	Error Due to Collection of Forward Scattered Light	T. Petzold	4x5	"
"	68-0015	SUB VIS	Transmissometer Circuit	T. Petzold	4x5	"
"	68-0016	SUB VIS	Transmissometer Optical Schematic	T. Petzold	4x5	"
"	68-0017	SUB VIS	A Transmissometer Optical System	T. Petzold	4x5	"
"	68-0018	SUB VIS	Spectral Response of Silicon Photovoltaic Cell	T. Petzold	4x5	"

71 # 14

5 # 926

926 # 3

S P I E S E N I M A R

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
2-6-68	68-0019	SUB VIS	Spectral Sensitivity of Transmissometer	T. Petzold	4x5	35 mm
"	68-0020	SUB VIS	Transmissometer Projector Optics	T. Petzold	4x5	"
"	68-0021	SUB VIS	Transmissometer Optical Schematic	T. Petzold	4x5	"
"	68-0022	SUB VIS	Underwater radiance distribution as measured at a depth of 10.4 meters in Lake Pend Oreille by Tyler et al	R. Austin	4x5	"
"	68-0023	SUB VIS	Diffuse Transmission Circuit	R. Austin	4x5	"
"	68-0024	SUB VIS	Illuminometer Measurement System Concepts	R. Austin	4x5	"
"	68-0025	SUB VIS	Illuminometer Collector Configuration & Perform. Char.	R. Austin	4x5	"
"	68-0026	SUB VIS	Optical Constants of Coastal Water as measured by Oceanographic Illuminometer	R. Austin	4x5	Sub.
"	68-0027	SUB VIS	Basic Potential and Current Measurement Circuits	R. Austin	4x5	#3
"	68-0028	SUB VIS	Deck Illuminometer Circuit	R. Austin	4x5	"
"	68-0029	SUB VIS	Reflectance Measurement Circuit	R. Austin	4x5	"
"	68-0030	SUB VIS	Percent Error Between Measured and True Illuminances as Calculated for Actual Radiance Distribution	R. Austin	4x5	"
"	68-0031	SUB VIS	Sample Data Showing Light Penetration in Coastal Waters	R. Austin	4x5	"
"	68-0032	SHEDLIGHT	Shedlight Equipment Radiation Decals - 0.5 mc C-14	G. Barnett	4x5	Sub
"	68-0033	SHEDLIGHT	Shedlight Equipment Radiation Decals - 10 mc Kr-85	G. Barnett	4x5	#6
3-68	68-0034	SUB VIS	End View of Alpha Meter showing Electronics	Loudermilk	4x5	
"	68-0035	SUB VIS	Alpha Meter & Control Box (Alpha Meter Right) 7-99 51068-9 <i>2.5 amp source meter w/ Control Box</i>	Loudermilk	4x5	
"	68-0036	SUB VIS	Alpha Meter showing Electronics (Pressure Transducer Side)	Loudermilk	4x5	Sub
"	68-0037	SUB VIS	Alpha Meter showing Electronics (Bulb Side)	Loudermilk	4x5	#13
"	68-0038	SUB VIS	Alpha Meter & Control Box (Alpha Meter Left)	Loudermilk	4x5	
"	68-0039	RADI	Picture Display Rack of IBM 1800 System <i>published in article</i>	J. Harris	4x5	
"	68-0040	RADI	Computer Room and Equipment	J. Harris	4x5	Sub
"	68-0041	RADI	Computer Room and Equipment	J. Harris	4x5	#15
"	68-0042	HEM	Gamma and Hem Telephotometer Head	Stapleford	4x5	
"	68-0043	HEM	Hem Telephoto Head in Position	Stapleford	4x5	Sub
"	68-0044	HEM	Hem Photometer System on Calibration Bench	Stapleford	4x5	#18

SPIC SEMINAR

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
3-68	68-0045	UW RA D	Optical Oceanography Absorption Studies-Tank Illuminator	R. Austin	4x5	
"	68-0046	UW RAD	" " " " " "	R. Austin	4x5	
"	68-0047	UW RAD	" " " " -Overall of Tank	R. Austin	4x5	
"	68-0048	UW RAD	" " " " -Peripheral Equip	R. Austin	4x5	
"	68-0049	UW RAD	" " " -Alpha Meter/Scatter Meter	R. Austin	4x5	
"	68-0050	UW RAD	SUB VIS - 1 Meter Trans Cell Overall (Side)	R. Austin	4x5	
"	68-0051	UW RAD	SUB VIS - 1 Meter Trans. Cell Projector	R. Austin	4x5	
"	68-0052	UW RAD	SUB VIS - 1 Meter Trans. Cell Overall (Oblique)	R. Austin	4x5	
"	68-0053	UW RAD	SUB VIS - 1 Meter Trans. Cell Overall (Oblique)	R. Austin	4x5	
"	68-0054	UW RAD	SUB VIS - 1 Meter Trans Cell Receiver Optics	R. Austin	4x5	
3-20-68	68-0055	SUB VIS	SUB VIS - SUB VIS Equip.-Growth on Seadragon K-Cells	R. Austin	4x5	
"	68-0056	SUB VIS	" " " " " " " " Illuminometer	R. Austin	4x5	
"	68-0057	SUB VIS	" " " " " " " " " Ed "	R. Austin	4x5	
"	68-0058	SUB VIS	" " " " " Marine Growth Seadragon Reflect- ance Illuminometers	R. Austin	4x5	
3-29-68	68-0059	SHED LIGHT	Nadir Luminance (cd m <sup>-2</sup> ) (Chart)	A. Boileau	4x5	
"	68-0060	SHED LIGHT	Attenuation Length (km) (Chart)	A. Boileau	4x5	
"	68-0061	SHED LIGHT	Luminance (lu m <sup>-2</sup> ) (Chart)	A. Boileau	4x5	
"	68-0062	SHED LIGHT	Temperature (C) (Chart)	A. Boileau	4x5	
"	68-0063	SHED LIGHT	Solar Zenith Angle (°) (Chart)	A. Boileau	4x5	
"	68-0064	SHED LIGHT	Nadir Luminance (cd m <sup>-2</sup> ) (Chart)	A. Boileau	4x5	
"	68-0065	SHED LIGHT	Equilibrium Luminance (cd m <sup>-2</sup> ) (Chart)	A. Boileau	4x5	
"	68-0066	SHED LIGHT	Horizontal Path Function (cd m <sup>-2</sup> km <sup>-1</sup> ) (Chart)	A. Boileau	4x5	
"	68-0067	SHED LIGHT	Attenuation Length (km) (Chart)	A. Boileau	4x5	
"	68-0068	SHED LIGHT	Illuminance (lu m <sup>-2</sup> ) (Chart)	A. Boileau	4x5	
"	68-0069	SHED LIGHT	Horizontal Path Function (cd m <sup>-2</sup> km <sup>-1</sup> ) (Chart)	A. Boileau	4x5	
"	68-0070	SHED LIGHT	Elapsed Time (Minutes) (Chart)	A. Boileau	4x5	
"						

946 #25

946 #26-570 68-18

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
	68-0071	SHED LIGHT	Relative Humidity (%) (Chart)	A. Boileau	4x5	
	68-0072	SHED LIGHT	Reflectance (Chart)	A. Boileau	4x5	
	68-0073	SHED LIGHT	Magnetic Heading (°) (Chart)	A. Boileau	4x5	
4-2-68	68-0074	SUB VIS	Oceanographic Illuminometer Control Box	D. Loudermill	4x5	
	68-0075	SUB VIS	Oceanographic Illuminometer Control Box w/hand	D. Loudermill	4x5	
	68-0076	SUB VIS	Underwater Illuminometer w/hand Fig. 10 S10 68-11	D. Loudermill	4x5	
	68-0077	SUB VIS	Underwater Illuminometer w/o hand	D. Loudermill	4x5	
	68-0078	SUB VIS	Deck Illuminometer Fig. 9 S10 68-11	D. Loudermill	4x5	
	68-0079	SUB VIS	Deck Illuminometer Fig. 11 S10 68-11	D. Loudermill	4x5	
	68-0080	SUB VIS	EKI Cell Fig. 12 S10 68-11	D. Loudermill	4x5	
5-2-68	68-0081	RADI	CAVE Telescope Pinhole Images	B. McGlamery	4x5	
5-68	68-0082	SHEDLIGHT	C-130; Goetz Aerosol Spectrometer	D. Johnson	4x5	
"	68-0083	SHEDLIGHT	C-130; Airborne Systems Control Area	D. Johnson	4x5	
"	68-0084	SHEDLIGHT	C-130; Airborne Control Console	D. Johnson	4x5	
"	68-0085	SHEDLIGHT	C-130; Airborne Systems Control Racks	D. Johnson	4x5	
"	68-0086	SHEDLIGHT	C-130; 42 Channel Data Logger (MIRE)	D. Johnson	4x5	
"	68-0087	SHEDLIGHT	C-130; Airborne Integrating Nephelometer & 2 Scanner	D. Johnson	4x5	
"	68-0088	SHEDLIGHT	C-130; Top View	D. Johnson	4x5	
"	68-0089	SHEDLIGHT	C-130; Top View	D. Johnson	4x5	
"	68-0090	SHEDLIGHT	C-130; Right Wingtip & Irradiometer	D. Johnson	4x5	
"	68-0091	SHEDLIGHT	C-130; Meteorological Fin Assy. & ERT Shroud	D. Johnson	4x5	
"	68-0092	SHEDLIGHT	C-130; Meteorological Fin Assy. & ERT Shroud	D. Johnson	4x5	
"	68-0093	SHEDLIGHT	C-130; Full view Left Side	D. Johnson	4x5	
"	68-0094	SHEDLIGHT	C-130; Meteorological Fin Assy. & ERT Shroud	D. Johnson	4x5	
"	68-0095	SHEDLIGHT	C-130; Lower 2 Scanner Mounting	D. Johnson	4x5	
"	68-0096	SHEDLIGHT	C-130; Lower 2 Scanner & Forward Radiometer Shroud	D. Johnson	4x5	

926 # 27

926 # 48

926 # 48



NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
5-68	68-0097	SUB VIS	Complete Underwater Sensor Assy. (Fig. 13 of Report) <sup>Sub 68-11</sup>	R. Austin	4x5	Job #53
"	68-0098	SHEDLIGHT	Crater Lake II - Nadir Luminance (cd m <sup>-2</sup> )	A. Boileau	4x5	
"	68-0099	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0100	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0101	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0102	SHEDLIGHT	Crater Lake II - Attenuation Length (km)	A. Boileau	4x5	
"	68-0103	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0104	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0105	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0106	SHEDLIGHT	Crater Lake II - R(Z,0°) = B(Z,180°)/E(Z,-)	A. Boileau	4x5	
"	68-0107	SHEDLIGHT	Crater Lake II - " " "	A. Boileau	4x5	
"	68-0108	SHEDLIGHT	Crater Lake II - Magnetic Heading (°)	A. Boileau	4x5	
"	68-0109	SHEDLIGHT	Crater Lake II - Temperature (C)	A. Boileau	4x5	
"	68-0110	SHEDLIGHT	Crater Lake II - Elapsed Time (Minutes)	A. Boileau	4x5	
"	68-0111	SHEDLIGHT	Crater Lake II - Solar Zenith Angle (°)	A. Boileau	4x5	
"	68-0112	SHEDLIGHT	Crater Lake II - Solar Zenith Angle (°)	A. Boileau	4x5	
"	68-0113	SHEDLIGHT	Crater Lake II - Illuminance (lu m <sup>-2</sup> )	A. Boileau	4x5	
"	68-0114	SHEDLIGHT	Crater Lake II - Illuminance (lu m <sup>-2</sup> )	A. Boileau	4x5	
"	68-0115	SHEDLIGHT	Crater Lake II - Horizontal Path Function (cd m <sup>-2</sup> km <sup>-1</sup> ) <sup>Sub 68-19</sup>	A. Boileau	4x5 <sup>Job 6</sup>	Filed in Job 69 (1968)
"	68-0116	SHEDLIGHT	Crater Lake II - Relative Humidity (%)	A. Boileau	4x5	
"	68-0117	SHEDLIGHT	Crater Lake II - Reflectance	A. Boileau	4x5	Filed in Job 69 (1968)
"	68-0118	SHEDLIGHT	Crater Lake II - Equilibrium Luminance (cd m <sup>-2</sup> ) <sup>Job 5</sup>	A. Boileau	4x5	"
"	68-0119	SHEDLIGHT	Passport Photo: Gary Barnett	A. Boileau	4x5	
"	68-0120	SHEDLIGHT	Passport Photo: Nils Persson	A. Boileau	4x5	
"	68-121	SHEDLIGHT	Passport Photo: Al Boileau	A. Boileau	4x5	
"	68-0122	NSF		J. Tyler	Large	Job #55

SIO 68-19

Sub #54

Sub #60

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
5-68	68-0123	SHEDLIGHT	Passport Photo - Robert Sydnor	A. Boileau	4x5	Sub # 60
"	68-124	RADI	Restoration of a Diffraction Image	J. Harris	4x5	Sub # 62
6-14-68	68-0125	RADI	Fig. 1. Examples of Image Processing <i>see neg # 66-179</i>	H. Barkdoll		
"	68-0126	RADI	Fig. 2. Program Flow Chart	H. Barkdoll		
"	68-0127	RADI	Fig. 3. Transform Frequencies	H. Barkdoll		
"	68-0128	RADI	Fig. 4. Shifted and Unshifted Matrices	H. Barkdoll		
"	68-0129	RADI	Fig. 5. Display Print Array Locations	H. Barkdoll		
"	68-0130	RADI	Fig. 6. Spectrum plots displayed on the storage scope	H. Barkdoll		
"	68-0131	RADI	Fig. 7. Display devices and keyboard a) Picture display scope for photographic recording; b) Storage scope graphic displays; c) Picture storage scope for visual display	H. Barkdoll		
"	68-0132	RADI	Fig. 8. Positive Frequencies	H. Barkdoll		
"	68-0133	RADI	Fig. 9. Elliptical Cutoff	H. Barkdoll		
"	68-0134	RADI	Fig. 10. a) The simulated negative degraded image; b) After correction for the film characteristic curve	H. Barkdoll		
"	68-0135	RADI	Fig. 11. a) A pictorial representation of the frequency spectrum; b) After decreasing the dynamic range by raising the data to the .375 power	H. Barkdoll		
"	68-0136	RADI	Fig. 12. Graphical display of the horizontal and vertical moduli value	H. Barkdoll		
"	68-0137	RADI	Fig. 13. The correction function $Kf/\sin Kf$	H. Barkdoll		
"	68-0138	RADI	Fig. 14. a) The frequency spectrum after correction for image motion, using an incorrect value for the image motion; b) The restored image.	H. Barkdoll		
"	68-0139	RADI	Fig. 15. The frequency spectrum after the proper correction for image motion.	H. Barkdoll		
"	68-0140	RADI	Fig. 16. The Restored Image a) Level added to picture so that most negative value equal zero; b) Negative values clipped.	H. Barkdoll		
"	68-0141	RADI	Fig. 17. The Original Undegraded Image	H. Barkdoll		

99 # 66

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
	68-0142	SHEDLIGHT	Installation of LgAp Telephotometer (Cargo Door) (C130)	D. Johnson	4x5	
	68-0143	SHEDLIGHT	Installation of Lower 2 <sup>TT</sup> Scanner (C130)	D. Johnson	4x5	
	68-0144	SHEDLIGHT	Installation of Nephelometer Projector (C130)	D. Johnson	4x5	
	68-0145	SHEDLIGHT	Installation of Dual Irradiometer (Wing Tip) (C130)	D. Johnson	4x5	
	68-0146	SHEDLIGHT	Installation of Nephelometer Air Ducting (C130)	D. Johnson	4x5	
	68-0147	Shedlight	Installation of Nephelometer Air Ducting (C130)	D. Johnson	4x5	
	68-0148	SHEDLIGHT	Installation of Upper 2 <sup>TT</sup> Scanner (C130)	D. Johnson	4x5	
	68-0149	SHEDLIGHT	Installation of Upper 2 <sup>TT</sup> Scanner (C130)	D. Johnson	4x5	
	68-0150	SHEDLIGHT	Stewardess Inspection and Checkout (C130)	D. Johnson	4x5	
	68-0151	RADI	Typewriter and Computer Display Console	R.W. Austin	4x5	
	68-0152	RADI	Electronic Control Console for Automatic Card Punching from Scanner and Microscope Scanner	R.W. Austin	4x5	
	68-0153	RADI	Microscope Scanner	R.W. Austin	4x5	
	68-0154	CVC	Spectral radiance of center of sun $N_{\lambda}(0^{\circ})$ . The difference between the two curves are too small to be shown graphically above $1\mu m$ .	P. Church	4x5	
	68-0155	CVC	Spectral sensitivity of sensor with filters used for broadband measurement of limb darkening function by Ruff	P. Church	4x5	
	68-0156	CVC	Spectral limb darkening function	P. Church	4x5	
	68-0157	CVC	Broadband limb drakening function from Ruff and spectral limb drakening functions from Minnaert for same portion of spectrum	P. Church	4x5	
	68-0158	CVC	Langley plot of apparent sun luminances measured on 3 Aug. 1966 at Crater Lake, Ore. The straight line from the least squares fit is shown. The air mass is relative to the air mass at 2070 meters altitude and $0^{\circ}$ zenith angle.	P. Church	4x5	
	68-0159	CVC	Spectral limb darkening factor	P. Church	4x5	

926 #78

926 #79

926 #80

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
7-68	68-0160	RADI	Pegasus Restorations	B. McGlamery	4x5	35 mm
"	68-0161	RADI	Binary Star Phase Maps	B. McGlamery	4x5	35 mm
"	68-0162	RADI	Binary Stars	B. McGlamery	4x5	35 mm
"	68-0163	RADI	Binary Stars - Moduli	B. McGlamery	4x5	35 mm
"	68-0164	RADI	Binary Stars - Spectra	B. McGlamery	4x5	35 mm
"	68-0165	RADI	Binary Stars - Restoration	B. McGlamery	4x5	8x10 Videograph
"	68-0166	RADI	Defocused UCSD Parameter Variation	J. Harris	4x5	8x10 Videograph
"	68-0167	RADI	Defocused UCSD Parameter Variation	J. Harris	4x5	8x10 Videograph
"	68-0168	RADI	Defocused UCSD Parameter Variation	J. Harris	4x5	8x10 Videograph
"	68-0169	RADI	Defocused UCSD Parameter Variation	J. Harris	4x5	8x10 Videograph
"	68-0170	RADI	Parameter Estimation - Pseudo PSF	B. McGlamery	4x5	35 mm
"	68-0171	RADI	Film Comparison Experiment	B. McGlamery	4x5	35 mm
"	68-0172	RADI	Film Comparison Experiment	B. McGlamery	4x5	35 mm
7-29-68	68-0173	SHED LIGHT	C-130 Ground Vehicle Interior Data Logger and Radiometer Rack	D. Johnson	4x5	
"	68-0174	SHED LIGHT	C-130 Ground Vehicle Interior Data Logger and Radiometer Rack	D. Johnson	4x5	
"	68-0175	SHED LIGHT	C-130 Ground Vehicle Interior Royco - Scanner and Comms Rack	D. Johnson	4x5	
"	68-0176	SHED LIGHT	C-130 Ground Vehicle, Rear View	D. Johnson	4x5	
"	68-0177	SHED LIGHT	C-130 Ground Vehicle, Rear View	D. Johnson	4x5	
"	68-0178	SHED LIGHT	C-130 Ground Vehicle with Outside Systems	D. Johnson	4x5	
"	68-0179	SHED LIGHT	C-130 Ground Vehicle with Outside Systems	D. Johnson	4x5	
"	68-0180	SHED LIGHT	C-130 Ground Vehicle with Outside Systems	D. Johnson	4x5	
"	68-0181	SHED LIGHT	C-130 Ground Vehicle with Ground Gonio	D. Johnson	4x5	
"	68-0182	SHED LIGHT	C-130 Ground Vehicle with Ground Gonio	D. Johnson	4x5	
"	68-0183	SHED LIGHT	C-130 Ground Vehicle with Ground Gonio	D. Johnson	4x5	
"	68-0184	SHED LIGHT	C-130 Ground Vehicle with Outside Systems	D. Johnson	4x5	

240 # 81

240 # 82

240 # 83

240 # 86

NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
?	68-0185		<i>no neg.</i>			
9-68	68-0186	SUB VIS	Underwater Radiance Camera (20 August 1968)	J. Lones	4x5	2x6 #91
"	68-0187	RADI	Image Processing methods	B. McGlamery	4x5	35mm #95
"	68-0188	HEMIS	REL C, 12° ELL.	J.H. Taylor	4x5	35mm #96
"	68-0189	HEMIS	REL C, Alpha = 18'	J.H. Taylor	4x5	35mm #96
"	68-0190	CVC	Graphs - Model Atmosphere Paper for J.O.S.A.	P. Church	4x5	#98
"	68-0191	CVC	Graphs - Model Atmosphere Paper for J.O.S.A.	P. Church	4x5	#98
9-17-68	68-0192	SUB VIS	Photomultiplier on Carriage	J.E. Tyler	4x5	
"	68-0193	SUB VIS	" " "	J.E. Tyler	4x5	
"	68-0194	SUB VIS	Photomultiplier with Collector and Linear Photometer	J.E. Tyler	4x5	
"	68-0195	SUB VIS	Photomultiplier on Carriage	J.E. Tyler	4x5	
"	68-0196	SUB VIS	" " "	J.E. Tyler	4x5	
"	68-0197	SUB VIS	Photoplifier and Collector Units	J.E. Tyler	4x5	
"	68-0198	SUB VIS	Photomultiplier on Carriage	J.E. Tyler	4x5	
9-26-68	68-0199	SUB VIS	Sub Paint Meas. - Portable Reflectometer	R. Austin	4x5	
9-26-68	68-0200	SUB VIS	Sub Paint Meas. - " "	R. Austin	4x5	
9-26-68	68-0201	SUB VIS	Sub Paint Meas. - " "	R. Austin	4x5	
10-23-68	68-0202	SUB VIS	Front View NAVOCEANO ALPHA METER	D.Loudermilk	4x5	
	68-0203	SUB VIS	Diagonal View NAVOCEANO ALPHA METER	D.Loudermilk	4x5	
	68-0204	SUB VIS	Side View NAVOCEANO ALPHA METER	D.Loudermilk	4x5	
	68-0205	SUB VIS	NAVOCEANO ILLUMINOMETER CONTROL BOX	D.Loudermilk	4x5	
11-21-68	68-0206-1 - 16	SUB VIS	SUBMARINE MODELS UNDERWATER-Photo. in Sky Simulator	D.Webb-Austin		35mm
11-26-68	68-0207	IMP	Defocus Computer Study (Errors in H & D and Sp)	J. Harris	4x5	
"	68-0208	IMP	Defocus Computer Study (Effect of Noise)	J. Harris	4x5	
"	68-0209	IMP	Defocus Computer Study (Effect of limiting o.t.f.)	J. Harris	4x5	
"	68-0210	IMP	Domino Defocus Experiment	J. Harris	4x5	
11-26-68	68-0211	RADI	Deflection Effects of Noise on The Restoration of	B. McGlamery	8 1/2 x 11	

VIS LAB (67-1)

Turbulence Degraded Images. Fig. 1 *negs in sub folder 114*

SAC 38

*6961-1965-1969*

*2x6 #95*

*Sub*

*#96*

*2x6*

*#98*

*Sub*

*#96*

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NEGATIVES - 1968

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
11-26-68	68-0212	RADI	Fig. 2 <i>negs in Job folder 114</i>	B. McGlamery	8½x11	
"	68-0213	RADI	Fig. 3 " " " " "	B. McGlamery	8½x11	
"	68-0214	RADI	Fig. 4 " " " " "	B. McGlamery	8½x11	
"	68-0215	RADI	Fig. 5 " " " " "	B. McGlamery	8½x11	
"	68-0216	RADI	Fig. 6 " " " " "	B. McGlamery	8½x11	
"	68-0217	RADI	Fig. 7 " " " " "	B. McGlamery	8½x11	
"	68-0218	RADI	Fig. 8 " " " " "	B. McGlamery	8½x11	
"	68-0219	RADI	Fig. 9 " " " " "	B. McGlamery	8½x11	
11-27-68	68-0220	SHEDLIGHT	Passport Photo - Doug Bailey	D. Johnson	4x5	
"	68-0221	SHEDLIGHT	Passport Photo - Leonard Castro	D. Johnson	4x5	
12/9/68	68-0222	RADI	Air Collision Avoidance Studies Preprocessing of Model Photographs, WDC-3	Fig. 1 J. Harris	8½x11 <del>4x5</del>	<i>negs filled</i>
	68-0223	RADI	Preprocessing of Model Photographs, 737	Fig. 2 J. Harris	8½x11 <del>4x5</del>	<i>in</i>
	68-0224	RADI	Preprocessing of Model Photographs, DC-8	Fig. 3 J. Harris	8½x11 <del>4x5</del>	<i>job</i>
	68-0225	RADI	Detection Range Graph, DC-3, +45°	Fig. 4 J. Harris	4x5 <del>4x5</del>	<i>folder</i>
	68-0226	RADI	Detection Range Graph, DC-3, 90°	Fig. 5 J. Harris	4x5 <del>4x5</del>	<i>123(1968)</i>
	68-0227	RADI	Detection Range Graph, DC-3, -45°	Fig. 6 J. Harris	4x5 <del>4x5</del>	
	68-0228	RADI	Detection Range Graph, DC-3, 0°	Fig. 7 J. Harris	4x5 <del>4x5</del>	
	68-0229	RADI	Detection Range Graph, DC-8, +45°	Fig. 8 J. Harris	4x5 <del>4x5</del>	
	68-0230	RADI	Detection Range Graph, DC-8, 0°	Fig. 9 J. Harris	4x5 <del>4x5</del>	
	68-0231	RADI	Detection Range Graph, DC-8, -45°	Fig. 10 J. Harris	4x5 <del>4x5</del>	
	68-0232	RADI	Detection Range Graph, DC-8, 90°	Fig. 11 J. Harris	8½x11	
	68-0233	RADI	Detection Range Graph, D737, 90°	Fig. 12 J. Harris	8½x11	
	68-0234	RADI	Detection Range Graph, 737, -45°	Fig. 13 J. Harris	8½x11	
	68-0235	RADI	Detection Range Graph, 737, +45°	Fig. 14 J. Harris	8½x11	
	68-0236	RADI	Detection Range Graph, 737, 0°	Fig. 15 J. Harris	8½x11	
	68-0237	RADI	Aircraft Imagery After Convolution, DC-3	Fig. 16 J. Harris	8½x11	
	68-0238	RADI	Aircraft Imagery After Convolution, DC-8	Fig. 17 J. Harris	8½x11	

*611-106*



LANTERN SLIDES

This list includes only those slides whose negative numbers are either unknown or non-existent -- or both.

<u>Slide No.</u>	<u>Title</u>	<u>Project</u>
1	h Meter, drawing.	C-130
2	Schematic of C-130 Instrumentation, original version.	"
3	Airplane: Probes on Door.	"
4	San Diego Bay -- map	"
5	Graph: $B_x$ , $B_Q$ , L for Flight 77 (same data as Fig 7, Tropo I.	"
6	Volume Scattering Function; 17 June 1955 EAFB 15,000 ft.	"
7	y Curve,; also Relative Optical Efficiency Curve.	"
8	33-153: Original Ion Counter Installations and Microwave Refractometer.	"
9	"	"
10	33-158: Rack for Control Panel and MIRE.	"
10a	"	"
11	33-154: Spectrogeograph and Power Rack.	"
12	Aerosol Spectrometer, disassembled.	"
13	23-102: Airplane, Probes on Door.	"
14	23-104: Spectrogeograph Mirror Installation.	"
15	33-152: Recorder Installation	"
16	33-157: "	"
17	33-109: Path Function Meter, installed on plane, plus Aerosol Spectrometer Probes.	"
18	33-156: Project Engineer Position.	"
19	23-111: Aerosol Spectrometer Installation.	"



NEGATIVES - 1969

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
	69-0001	FAC	Photographs of R. Preisendorfer's Academic Papers	R. Preisendorfer	4x5	
	69-0002	"	" " "	"	4x5	
	69-0003	"	" " "	"	4x5	
	69-0004	"	" " "	"	4x5	
	69-0005	RADI	Examples of successful restorations (Neg. in Job Folder)	J. Harris	8x10	
	69-0006	NSF	Spectral Immersion Effect Correction (Journal Marine Res.)	R. Smith	4x5	
	69-0007	NSF	Underwater Radiance Collector (Journal Marine Research)	R. Smith	4x5	
	69-0008	RADI	Degraded Images (Figs. 1, 2, 3)	D. Silva	Large	neg in
	69-0009	RADI	" " (Figs. 4, 5, 6)	D. Silva	Large	job
	69-0010	RADI	" " (Figs. 7, 8, 9)	D. Silva	Large	Folder
3-27-69	69-0011	SUB VIS	Underwater Rad. Camera System - Upper Camera and Electronics Units	R. Austin	4x5	21 50
	69-0012	SUB VIS	Underwater Radiance Camera System - Underwater Unit	R. Austin	4x5	in
	69-0013	SUB VIS	Underwater Radiance Camera System - Deck Control Unit	R. Austin	4x5	S10 report
	69-0014	SUB VIS	Underwater Radiance Camera System - Upper Camera and Electronics Units	R. Austin	4x5	for Ray
4-69	69-0015	SEA AIR	Wind Estimations from Aerial Observations of Sea Conditions	C. Edgerton	4x5	
	69-0016		Search-Signature Research Apparatus (2 views)	Dr. Coleman	4x5	
	69-0017	RADI	Comparison between Diffraction PSF and Approximate PSF	P. Stokseth	Large	
	69-0018	RADI	PSF's obtained on both sides of focal plane for various relative out-of-focus distances	P. Stokseth	Large	
	69-0019	RADI	Diffraction & geometrical PSF's of a Defocused F/5 System with $\lambda = .54\mu$	P. Stokseth	Large	
	69-0020	RADI	The Optical System	P. Stokseth	Large	
	69-0021	RADI	Optical System with Defect of Focus	P. Stokseth	Large	

Negative Log, 1965-1969

SAC 38

Job # 3  
9/13  
Job # 14  
Job # 17  
Job 20  
Job 21  
Job # 22

NEGATIVES - 1969

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
	69-0022	RADI	Diffraction and geometrical OTF's of a defocused system. Small defocusings.	P.Stokseth	Large	
	69-0023	RADI	Diffraction and geometrical OTF's of a defocused system. Intermediate defocusings.	P.Stokseth	Large	
	69-0024	RADI	Diffraction and geometrical OTF's of a defocused system. Large defocusings.	P.Stokseth	Large	
	69-0025	RADI	Comparison between diffraction OTF and approximate OTF	P.Stokseth	Large	
	69-0026	RADI	Non-symmetry of a defocused system about the in-focus plane	P.Stokseth	Large	
	69-0027	RADI	$\Delta W_R$ as function of the relative out-of-focus distance	P.Stokseth	Large	
6-69	69-0028	RADI	Fig. 1. Photomicrograph of original	B.McGlamery	Large	
	69-0029	RADI	Fig. 2. Scanned Image	B.McGlamery	Large	
	69-0030	RADI	Fig. 3. Processed spectrum	B.McGlamery	Large	
	69-0031	RADI	Fig. 4. Restored image using processed spectrum	B.McGlamery	Large	
	69-0032	RADI	Fig. 5. Restoration by use of low-pass filtering	B.McGlamery	Large	
	69-0033	RADI	Fig. 6. Computer simulation of three bar target	B.McGlamery	Large	
	69-0034	RADI	Equal Energy Photographs	B.McGlamery	Large	
	69-0035	FAC	Sparkie's Retirement		4x5	
	69-0036	FAC	Sparkie's Retirement		4x5	
	69-0037	FAC	Sparkie's Retirement		4x5	
	69-0038	FAC	Sparkie's Retirement		4x5	
	69-0039	FAC	Sparkie's Retirement		4x5	
	69-0040	RADI	Drawings for Applied Optics	A.Lohmann	4x5	
7/2/69	69-0041	SUB VIS	Comparison of light and dark painting measures. Simu- lated water reflectance 1.8%	R.W. Austin	Large	
	60-0042	SUB VIS	Comparison of light and dark painting measures. Simulated water reflectance 3.6%	R.W. Austin	Large	

21. no. 22

24. 5

25. 29

26. 30

27. 31

28. 33

## NEGATIVES

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
7/11/69	69-0043	NSF	Gulf of Calif. 5/8/68	J. Tyler	4x5	
	69-0044	NSF	Gulf of Calif. 5/8/68	J. Tyler	4x5	
	69-0045	NSF	Gulf of Calif. 5/8/68	J. Tyler	4x5	
	69-0046	NSF	Gulf of Calif. 5/9/68	J. Tyler	4x5	
	69-0047	NSF	Gulf of Calif. 5/9/68	J. Tyler	4x5	
	69-0048	NSF	Gulf of Calif. 5/9/68	J. Tyler	4x5	
	69-0049	NSF	Gulf of Calif. 5/9/68	J. Tyler	4x5	
	69-0050	NSF	Gulf of Calif. 5/10/68	J. Tyler	4x5	
	69-0051	NSF	Gulf of Calif. 5/10/68	J. Tyler	4x5	
	69-0052	NSF	Gulf of Calif. 5/10/68	J. Tyler	4x5	
	69-0053	NSF	Gulf of Calif. 12/9/68	J. Tyler	4x5	
	69-0054	NSF	Gulf of Calif. 12/9/68	J. Tyler	4x5	
	69-0055	NSF	Gulf of Calif. 12/9/68	J. Tyler	4x5	
	69-0056	NSF	Gulf of Calif. 12/9/68	J. Tyler	4x5	
	69-0057	NSF	San Vicente, 1/20/67	J. Tyler	4x5	
	69-0058	NSF	San Vicente, 1/20/67	J. Tyler	4x5	
	69-0059	NSF	San Vicente, 1/20/67	J. Tyler	4x5	
	69-0060	NSF	San Vicente, 1/20/67	J. Tyler	4x5	
	69-0061	NSF	San Vicente, 1/20/67	J. Tyler	4x5	
	69-0062	NSF	San Vicente, 1/20/67	J. Tyler	4x5	
	69-0063	NSF	Islas Tres Marias 11/28/68	J. Tyler	4x5	
	69-0064	NSF	Islas Tres Marias 11/28/68	J. Tyler	4x5	
	69-0065	NSF	Islas Tres Marias 11/28/68	J. Tyler	4x5	
	69-0066	NSF	Gulf Stream 7/3/67	J. Tyler	4x5	
	69-0067	NSF	Gulf Stream 7/3/67	J. Tyler	4x5	
	69-0068	NSF	Gulf Stream 7/3/67	J. Tyler	4x5	
	69-0069	NSF	Crater Lake 8/5/66	J. Tyler	4x5	

*negs. in  
Jas Fuller  
40 (1969)*

*40 (1969)*

NEGATIVES - 1969

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
	69-0070	NSF	Crater Lake 8/5/66	J. Tyler	4x5	
	69-0071	NSF	Tongue of the Ocean 6/30/67	J. Tyler	4x5	
	69-0072	NSF	Tongue of the Ocean 6/30/68	J. Tyler	4x5	
	69-0073	SUB VIS	Submarine Visibility Determining Equip. Concept (Job 37)	R.A. Austin	4x5	
	69-0074	LOLEV	Image Intensifier System	J. Harris	4x5	
8-69	69-0075	SHED LIGHT	Photograph C-130 Wing Tip (12 35 mm. negs. -4 used)	D. Bailey		35 mm
"	69-0076	RADI	Image Intensifier Simulation Study (Large negs. filed in Job Folder No. 42 (1969).	J. Harris	Large	
9-69	69-0077	SURCLO	WESTPAC Chart for Report at Woods Hole	R. Austin	4x5	
	69-0078	NASA	Search - Factors underlying visual search performance Munich 1969 talk	J.H. Taylor	4x5	
	69-0079	NASA	Search - Factors underlying visual search performance Munich 1969 talk	J.H. Taylor	4x5	
	69-0080	HEMIS	Block Diagram I - Air Collision	G. Edwards	4x5	35 mm
	69-0081	HEMIS	Block Diagram II - Air Collision	G. Edwards	4x5	"
	69-0082	HEMIS	Range-Contrast, + 45°, DC-3	G. Edwards	4x5	"
	69-0083	HEMIS	Range-Limen Ratio - DC-3 + 45°	G. Edwards	4x5	"
	69-0084	HEMIS	Limen Ratio-Prob, DC-3 + 45°	G. Edwards	4x5	"
	69-0085	HEMIS	Range-Prob, DC-3, + 45°	G. Edwards	4x5	"
	69-0086	HEMIS	Theta-Prob, DC-3 + 45°	G. Edwards	4x5	"
	69-0087	HEMIS	Theta-Prob x Area, DC-3 + 45°	G. Edwards	4x5	"
	69-0088	HEMIS	Range-Theta <sup>2</sup> - DC-3 + 45°	G. Edwards	4x5	"
	69-0089	HEMIS	Range-Prob/Fix, DC-3 + 45°	G. Edwards	4x5	"
	69-0090	HEMIS	Range-Cum Prob, DC-3 + 45°	G. Edwards	4x5	"
	69-0091	RADI	Refresh Display (Ben's Report)	B. McGlamery	4x5	
	69-0092	RADI	Refresh Display ( " " )	B. McGlamery	4x5	
	69-0093	RADI	Refresh Display ( " " )	B. McGlamery	4x5	

*Neg. in Job Folder 40 (1969)*

*No job folder*

*No job folder*

(Slides made to take to Ames Research Center)

Job 40  
 Job 37  
 Job 42  
 Job 47  
 Job 49  
 Job 50  
 Job 51  
 Job 52

Negative Log 1965-1969

SAC 38

### NEGATIVES - 1969

DATE	NEGATIVE NO.	PROJECT NO.	DESCRIPTION	REQUESTER	SIZE	
					NEGATIVE	SLIDE
	69-0094	RADI	Refresh Display (Ben's Report)	B.McGlamery	4x5	
	69-0095	SEA-AIR	CRM Ass'y. Downwelling Position	G. Tate	4x5	
	69-0096	SEA-AIR	CRM Ass'y. Showing Select Bar Photocell	G. Tate	4x5	
	69-0097	Sea-AIR	CRM Ass'y. Gonio Az. Ring Sighting Assy.	G. Tate	4x5	
	69-0098	SEA-AIR	CRM Ass'y. Equatorial Mount Solar position	G. Tate	4x5	
	69-0099	SEA-AIR	CRM Ass'y. Los Selector Solar Position	G. Tate	4x5	
	69-0100	SEA-AIR	CRM Assy.	G. Tate	4x5	
	69-0101	SEA-AIR	CRM Assy. Control Box	G. Tate	4x5	
	69-0102	SEA-AIR	CRM Assy. Sky B-90	G. Tate	4x5	
	69-0103	FAC	John H. Taylor's Passport Photo	J.H.Taylor	4x5	
	69-0104	NSF	Immersion Effect (Journal Article)	R. Smith	4x5	
	69-0105	SUB VIS	Gardner Goniophotometer Modified for Submerged Reflectance Meas. & Small Included Angle	R.W. Austin	4x5	
	69-0106	SUB VIS	" " " " "	R.W. Austin	4x5	
	69-0107	SUB VIS	" " " " "	R.W. Austin	4x5	
	69-0108	SUB VIS	" " " " "	R.W. Austin	4x5	
	69-0109	SUB VIS	" " " " "	R.W. Austin	4x5	

NO FOLDER  
 JUST IN BAGS

918 # 50

948 # 33

SAC 38  
 Bx 1

Negative Log, 1965-1969