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Attn: **Mike Derchak**  
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Customer ID: GLOB50  
 Customer PO: P08-0863  
 Received: 08/20/08 4:42 PM  
 EMSL Order: 040821853

Fax: (215) 897-6297 Phone: (215) 897-2097  
 Project: **EX-JOHN F. KENNEDY (CV-67)**

EMSL Proj:  
 Analysis Date: 8/21/2008  
 Report Date: 9/11/2008

### Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D071408001 040821853-0001	09-149-3-L-HEAD	Various Fibrous Heterogeneous	55% Glass	35% Non-fibrous (other)	10% Chrysotile
D071408002 040821853-0002	07-149-3-L-HEAD	White/Orange Fibrous Heterogeneous	65% Glass	15% Non-fibrous (other)	20% Chrysotile
D071408003 040821853-0003	05-149-1-L PASSAGE FR 149-153	White/Orange Fibrous Heterogeneous	65% Glass	20% Non-fibrous (other)	15% Chrysotile
D071408004 040821853-0004	03-5-0-L BERTH	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 65% Glass	25% Non-fibrous (other)	None Detected
D071408005 040821853-0005	03-12-1-A STORE ROOM	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 70% Glass	15% Non-fibrous (other)	None Detected
D071408006 040821853-0006	03-23-4-L STATE ROOM	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 70% Glass	15% Non-fibrous (other)	None Detected
D071408007 040821853-0007	03-31-2-Q CAT TROU PH WARM UP ROOM	White/Red Fibrous Heterogeneous	25% Cellulose 20% Glass	55% Non-fibrous (other)	None Detected

Analyst(s)

Erica Valent (60)  
 Peter Harrison (27)

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

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 Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D071508008 040821853-0008	03-53-01-L PASSAGE FR 53-58	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 65% Glass	20% Non-fibrous (other)	None Detected
D071508009 040821853-0009	03-68-11-L FLT. DECK HEAD	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D071508010 040821853-0010	03-88-3-Q SUPPLY/SSE & ESS ROOM #3	Gray Fibrous Heterogeneous	30% Glass	20% Non-fibrous (other)	50% Amosite
D071508011 040821853-0011	03-106-1-Q ASC & ESE ROOM #6	Gray/White Fibrous Heterogeneous	80% Glass	20% Non-fibrous (other)	None Detected
D071508012 040821853-0012	03-140-5-Q GALLEY	White/Orange Fibrous Heterogeneous	50% Glass	30% Non-fibrous (other)	20% Chrysotile
D071608013 040821853-0013	03-149-3-L BERTH	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 60% Glass	25% Non-fibrous (other)	None Detected
D071608014 040821853-0014	03-172-5-Q AVIATION LAUNDRY	White Fibrous Heterogeneous	75% Glass	25% Non-fibrous (other)	None Detected

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**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D071608015 040821853-0015	03-190-1-L HEAD	White/Silver/Yellow Fibrous Heterogeneous	20% Cellulose 60% Glass	20% Non-fibrous (other)	None Detected
D071608016 040821853-0016	03-215-3-Q AVIATION SWIT LAUNDRY	Gray/White Fibrous Heterogeneous	80% Glass	20% Non-fibrous (other)	None Detected
D071608017 040821853-0017	03-240-1-L HEAD	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 65% Glass	20% Non-fibrous (other)	None Detected
D071608018 040821853-0018	03-215-4-L PASSAGE FR 215-217	White/Red Fibrous Heterogeneous	75% Glass	25% Non-fibrous (other)	None Detected
D071608019 040821853-0019	03-210-8-L BERTH	White/Silver/Orange Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D071708020 040821853-0020	03-165-2-Q CAT 4 NGL RM	White/Orange Fibrous Heterogeneous	45% Glass	30% Non-fibrous (other)	25% Chrysotile
D071708021 040821853-0021	03-131-10-Q 3 3 & 4 ROTARY RM FR 131-151	White/Silver/Yellow Fibrous Heterogeneous	75% Glass	25% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D071708022 040821853-0022	03-174-2-Q FLAG CMC	White/Orange Fibrous Heterogeneous	50% Glass	25% Non-fibrous (other)	25% Chrysotile
D071808023 040821853-0023	03-150-5-L HEAD	White/Silver/Orange Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D071808024 040821853-0024	03-136-2-Q FAN ROOM	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 70% Glass	15% Non-fibrous (other)	None Detected
D071808025 040821853-0025	03-116-6-Q CAT 3 LUBE OIL PUMP RM	White/Blue Fibrous Heterogeneous	20% Glass 20% Synthetic	60% Non-fibrous (other)	None Detected
D071808026 040821853-0026	03-96-2-Q AESS EQUIPT RM	Gray Fibrous Heterogeneous		50% Non-fibrous (other)	50% Amosite
D072108027 040821853-0027	03-63-6-Q CAT LAUNCH VALVE RM	Gray Fibrous Heterogeneous		70% Non-fibrous (other)	30% Amosite
D072108028 040821853-0028	03-43-4-L HEAD	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D072108029 040821853-0029	03-38-0-Q GALLEY	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D072108030 040821853-0030	04-157-1-L PASSAGE FR 157-160	White/Red Fibrous Heterogeneous	90% Glass	10% Non-fibrous (other)	None Detected
D072208031 040821853-0031	02-21-2-Q HEAD	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 65% Glass	20% Non-fibrous (other)	None Detected
D072208032 040821853-0032	02-41-2-L STATE ROOM	White/Blue/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D072208033 040821853-0033	02-58-0-Q AVIONICS SHOP	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 60% Glass	25% Non-fibrous (other)	None Detected
D072208034 040821853-0034	02-73-6-Q JP5 SERVICE TANK SPACE	Red/Cream Fibrous Heterogeneous	25% Cellulose 40% Glass	35% Non-fibrous (other)	None Detected
D072208035 040821853-0035	02-38-3-L PASSAGE FR 38- 41	White/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D072208036 040821853-0036	01-53-2-Q STEAM RECEIVER RM	White/Red/Beige Fibrous Heterogeneous	20% Cellulose 40% Glass	40% Non-fibrous (other)	None Detected
D072308037 040821853-0037	1-53-2-Q WORK CENTER	White Fibrous Heterogeneous	85% Glass	15% Non-fibrous (other)	None Detected
D072308038 040821853-0038	03-73-16-A QUALITY ASSURANCE	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 65% Glass	20% Non-fibrous (other)	None Detected
D072308039 040821853-0039	02-101-4-A STRM	White/Red/Yellow Fibrous Heterogeneous	80% Glass	20% Non-fibrous (other)	None Detected
D072308040 040821853-0040	02-123-8-Q LAUNDRY	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 65% Glass	25% Non-fibrous (other)	None Detected
D072308041 040821853-0041	01-123-2-Q SQUADRON SPACE	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 65% Glass	25% Non-fibrous (other)	None Detected
D072308042 040821853-0042	01-136-2-Q SAFETY OFFICE	White/Yellow Fibrous Heterogeneous	15% Cellulose 60% Glass	25% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D072308043 040821853-0043	01-170-2-Q FAN ROOM	White/Silver/Orange Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D072408044 040821853-0044	01-210-2-Q FAN ROOM	Brown/Red Fibrous Heterogeneous	25% Glass	40% Non-fibrous (other)	35% Chrysotile
D072408045 040821853-0045	02-225-1-Q WORK CENTER	Brown/White Fibrous Heterogeneous	40% Glass	35% Non-fibrous (other)	25% Chrysotile
D072408046 040821853-0046	01-241-1-O SQUADRON ADMIN	Gray/White Fibrous Heterogeneous	25% Cellulose 25% Glass 10% Min. Wool	40% Non-fibrous (other)	None Detected
D072408047 040821853-0047	1-240-1-Q LINE HANDLING RM	White Fibrous Heterogeneous	20% Cellulose 20% Glass	60% Non-fibrous (other)	None Detected
D072408048 040821853-0048	01-177-1-C DIV OFFICE	White/Red/Yellow Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected
D072508049 040821853-0049	03-101-11-Q FAN ROOM	White/Silver/Yellow Fibrous Heterogeneous	15% Cellulose 70% Glass	15% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Cellulose	% Non-Fibrous	% Type
D072508050 040821853-0050	01-110-1-Q WORK CENTER	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D072508051 040821853-0051	2-33-2-L HEAD	Gray/White/Orange Fibrous Heterogeneous	10% Cellulose 65% Glass	25% Non-fibrous (other)	None Detected
D072508052 040821853-0052	2-48-3-Q WASTE PROC. RM	Gray/Cream Fibrous Heterogeneous	25% Cellulose 20% Glass	55% Non-fibrous (other)	None Detected
D072508053 040821853-0053	2-58-3-L HEAD	Gray/Beige Fibrous Heterogeneous	20% Cellulose 25% Glass 10% Min. Wool	45% Non-fibrous (other)	None Detected
D072508054 040821853-0054	2-78-4-L HEAD	Gray/White Fibrous Heterogeneous	20% Cellulose 30% Glass	50% Non-fibrous (other)	None Detected
D072908055 040821853-0055	2-212-1-L MALE HEAD	Gray/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	None Detected
D073008056 040821853-0056	2-244-0-L HEAD	White/Red/Orange Fibrous Heterogeneous	15% Cellulose 70% Glass	15% Non-fibrous (other)	None Detected

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D073008057 040821853-0057	3-177-6-Q ELEV MACH RM	Brown/White/Orange Fibrous Heterogeneous	55% Glass	20% Non-fibrous (other)	25% <b>Chrysotile</b>
D073108058 040821853-0058	2-171-2-L OFFICE	Brown/Gray Fibrous Heterogeneous		40% Non-fibrous (other)	40% <b>Amosite</b> 20% <b>Chrysotile</b>
D073108059 040821853-0059	2-149-8-L HEAD	White/Red/Yellow Fibrous Heterogeneous	15% Cellulose 65% Glass	20% Non-fibrous (other)	<b>None Detected</b>
D073108060 040821853-0060	2-123-2-L PASSAGE FR 123-136	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 80% Glass	10% Non-fibrous (other)	<b>None Detected</b>
D073108061 040821853-0061	2-115-6-L AEROSPACE MEDICINE	White/Yellow/Silver Fibrous Heterogeneous	10% Cellulose 70% Glass	20% Non-fibrous (other)	<b>None Detected</b>
D080508062 040821853-0062	3-237-0-A CA STRM	White/Yellow Fibrous Heterogeneous	70% Glass	15% Non-fibrous (other)	15% <b>Chrysotile</b>
D080508063 040821853-0063	4-225-0-Q PRESS DECKS	White/Yellow/Pink Fibrous Heterogeneous	80% Glass	20% Non-fibrous (other)	<b>None Detected</b>

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Analysis performed by EMSL Westmont (NVLAP #101040-0), NY ELAP 10872



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Customer ID: GLOB50  
 Customer PO: P08-0863  
 Received: 08/20/08 4:42 PM  
 EMSL Order: 040821853

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 Project: **EX-JOHN F. KENNEDY (CV-67)**

EMSL Proj:  
 Analysis Date: 8/21/2008  
 Report Date: 9/11/2008

**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D080508064 040821853-0064	3-215-0-A AVIATION STRM	White/Beige Fibrous Heterogeneous	20% Cellulose 10% Glass	70% Non-fibrous (other)	None Detected
D080508065 040821853-0065	5-195-0-A STORE ROOM	White/Yellow/Brown Fibrous Heterogeneous	60% Glass	20% Non-fibrous (other)	20% Chrysotile
D080508066 040821853-0066	7-195-0-E PUMP ROOM #4	White/Gray Fibrous Heterogeneous		30% Non-fibrous (other)	50% Amosite 20% Chrysotile
D080508067 040821853-0067	3-181-2-Q CPO SCULLERY	White/Yellow/Silver Fibrous Heterogeneous	80% Glass	20% Non-fibrous (other)	None Detected
D080608068 040821853-0068	3-162-0-Q MACHINE SHOP	White/Yellow Fibrous Heterogeneous	50% Glass	30% Non-fibrous (other)	20% Chrysotile
D080608069 040821853-0069	3-160-4-L STATE ROOM	Beige/Gray Fibrous Heterogeneous	20% Cellulose 20% Glass	60% Non-fibrous (other)	None Detected
D080608070 040821853-0070	3-145-1-L STATE ROOM	Gray/White Fibrous Heterogeneous		30% Non-fibrous (other)	50% Amosite 20% Chrysotile

Analyst(s)

Erica Valent (60)  
 Peter Harrison (27)

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Westmont (NY LAP #101046-C), NY ELAP 10872



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EMSL Proj:  
Analysis Date: 8/21/2008  
Report Date: 9/11/2008

### Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D080608071 040821853-0071	3-123-3-L DENTAL PROSTHETIC LAB	White/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 80% Glass	10% Non-fibrous (other)	None Detected
D080608072 040821853-0072	4-110-6-Q PASSAGE FR 110-114	Beige/White/Pink Fibrous Heterogeneous	40% Cellulose 10% Glass	50% Non-fibrous (other)	None Detected
D080608073 040821853-0073	4-78-2-Q AC WORK CENTER	Brown/Gray Fibrous Heterogeneous		30% Non-fibrous (other)	50% Amosite 20% Chrysotile
D080708074 040821853-0074	3-58-2-L BERTH	White Fibrous Heterogeneous	95% Glass	5% Non-fibrous (other)	None Detected
D080708075 040821853-0075	3-48-1-L BERTH	Blue/Silver/Yellow Fibrous Heterogeneous	10% Cellulose 80% Glass	10% Non-fibrous (other)	None Detected
D080708076 040821853-0076	3-215-1-L BERTH	White/Yellow Fibrous Heterogeneous	10% Cellulose 80% Glass	10% Non-fibrous (other)	None Detected
D080808077 040821853-0077	4-97-2-Q FORCED DRAFT BLOWER RM	Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected

Analyst(s)

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Analysis performed by EMSL Westmont (NVLAP #101049-0), NY ELAP 10372



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EMSL Proj:  
 Analysis Date: 8/21/2008  
 Report Date: 9/11/2008

### Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D080808078 040821853-0078	7-97-0-E MMR #1 U/L	Gray/White Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
D080808079 040821853-0079	7-97-0-E MMR #1 L/L	White/Pink Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
D080808080 040821853-0080	7-110-0-E-MMR #4 U/L	White Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
D080808081 040821853-0081	7-110-0-E MMR #4 L/L	Beige/White Fibrous Heterogeneous	10% Glass 30% Synthetic	60% Non-fibrous (other)	None Detected
D080808082 040821853-0082	7-123-0-E AUX MACH RM U/L	White/Pink Fibrous Heterogeneous	90% Glass	10% Non-fibrous (other)	None Detected
D080808083 040821853-0083	7-123-0-E AUX MACH RM L/L	White/Beige Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
D080808084 040821853-0084	7-136-0-E MMR #2 U/L	White/Pink Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected

Analyst(s)

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Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



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 Systems Laboratory

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EMSL Proj:  
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 Report Date: 9/11/2008

**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
D080808085 040821853-0085	7-136-0-E MMR #2 L/L	White Fibrous Heterogeneous	30% Cellulose 20% Glass	50% Non-fibrous (other)	None Detected
D080808086 040821853-0086	7-149-0-E MMR #3 U/L	White/Pink Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (other)	None Detected
D080808087 040821853-0087	7-149-0-E MMR #3 L/L	tan Fibrous Heterogeneous	30% Glass	70% Non-fibrous (other)	None Detected

Analyst(s)

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