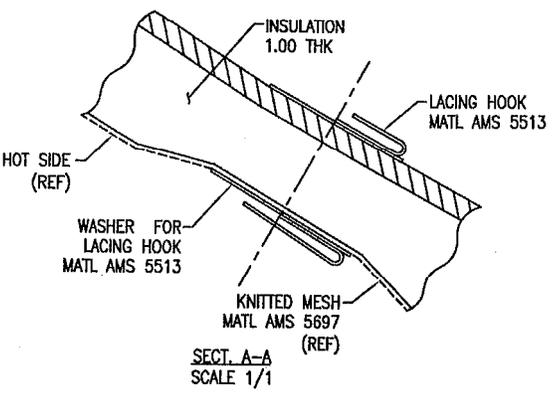


MBLY	APL NO.	UNIT WGT	REMARKS	ZONE

REVISIONS					
REV	SHEET	DESCRIPTION	BY	DATE	APPROVED



SPECIFICATIONS

- BLANKETS SHALL CONTAIN NO ASBESTOS.
- BLANKETS SHALL MEET MIL-I-24244.
- INSULATION BLANKET SHALL HAVE A SNUG FIT SUCH THAT NO SURFACE OF THE EXHAUST ENCLOSURE SUPPORT LUG ARE EXPOSED.
- INSULATION BLANKET SHALL BE INSULATED SUCH THAT NO PARTS OF THE BLANKET ARE LOOSE OR WILL COME LOOSE WHEN EXPOSED TO THE DRAFT DEVELOPED BY THE MODULE FAN.
- THE MATERIAL OF THE INSTALLATION BLANKET SHALL MEET THE FOLLOWING:
  - MATERIAL - THE MATERIAL SHALL CONSIST OF 100% GLASS FIBERS IN ACCORDANCE WITH ASTM D 578 AND SHALL BE COMPOSED OF MECHANICALLY BONDED LAMINATES WITHOUT THE USE OF ADDITIONAL BINDERS. NO ORGANIC FIBER OR SHOT SHALL BE INCLUDED IN THE MATERIAL. INSULATION SHALL BE FURNISHED IN THE LAMINATED AND FELTED FORM.
  - FIBER DIAMETER - THE AVERAGE DIAMETER OF THE INDIVIDUAL FIBERS SHALL NOT EXCEED 0.00036 INCH.
  - LENGTH OF FIBER - FIBERS LESS THEN 1 INCH IN LENGTH SHALL NOT BE USED FOR PROCESSING THE FIBER INTO FELT.
  - ALKALINITY - THE ALKALINITY OF THE FINISHED MATERIAL EXPRESSED AS SODIUM OXIDE (Na2O) SHALL NOT EXCEED 0.20%.
  - FUSING TEMPERATURE - THE FUSING TEMPERATURE OF THE FIBERS SHALL NOT BE LESS THAN 1300°F.
  - TENSILE STRENGTH - THE TENSILE STRENGTH BEFORE AND AFTER HEATING TO 1200°F SHALL NOT BE LESS THAN 5.0 POUNDS PER SQUARE INCH (LB/IN<sup>2</sup>).
  - THICKNESS AND WEIGHTS - WHEN THE NOMINAL THICKNESS IS 1" WITH THICKNESS TOLERANCE ± 1/8 INCH, THE NOMINAL WEIGHT PER SQUARE FOOT (FT<sup>2</sup>) SHALL BE 15.0 OUNCES.
- THE INSULATION SHALL MEET THE FOLLOWING CONDITIONS:
  - TYPE - INSULATION MUST CONFORM TO MIL-I-164110, TYPE II.
  - DUCT WALL TEMP - 1000°F.
  - DUCT WALL MATERIAL - AISI 321 STAINLESS STEEL.
  - CONSTRUCTION - BLANKET SHALL BE ENCLOSED ON THE HOT SIDE AND SIDES WITH STAINLESS STEEL KNITTED MESH. THE OUTSIDE FACE SHALL BE FINISHED WITH A LAYER OF J.P. STEVENS CO. STYLE 1925 OR 2025 FIBERGLASS CLOTH ALUMINIZED ON OUTER FACE FOR APPEARANCE. THE BLANKET SHALL BE TUFTED ON APPROXIMATELY 8 INCH CENTERS WITH TWO 2-HOLE SST WASHERS (ONE ON EACH SIDE OF THE BLANKET) SECURED WITH STAINLESS STEEL WIRE. THE EDGES OF THE BLANKET SHALL CONTAIN THE TUFT ASSY PLUS THE STAINLESS STEEL LACING HOOKS WITH THE LACING WIRE EYELETS TOWARD THE BLANKET OUTER EDGES AS SHOWN IN SECT A-A.
  - TOLERANCE ± 1/4".
- GAS TURBINE ENGINES ARE VIEWED AFT LOOKING FORWARD. HENCE THE DRAWING APPEARS TO BE BACKWARD WHEN VIEWED IN A NORMAL MANNER.
- FOR QUESTIONS OR DIRECTION, WITH NO COST, PLEASE CALL MR. THOMAS HABIB AT (215) 897-7287.

REV	SHIPALT NUMBER	WT GRP	WT (LBS)	I, R X1 XR	VCG REF BL	LCG REF B	F OR A	TCG REF CL	P S O	VAL BY

LONGITUDINAL AND TRANSVERSE LEVERS IN FEET TO THE NEAREST TENTH OF A FOOT  
 VERTICAL LEVERS IN FEET TO THE NEAREST HUNDREDTH OF A FOOT  
 USE SEPARATE LINES FOR EACH WT GRP, S/A, REV, WT INSTL, OR WT RMV  
 I=INSTALL R=REMOVE X1=LOAD ITEM INSTALLED XR=LOAD ITEM REMOVED  
 F=FWD A=AFT P=PORT S=STBD O=CENTERLINE

CONTRACT NO.:		NAVAL SURFACE WARFARE CNTR CARDEROCK DIVISION PHILADELPHIA, PA 19112-5083 CAGE NUMBER 25885	
CAGE NO.:		DEPARTMENT OF THE NAVY NAVAL SEA SYSTEMS COMMAND WASHINGTON, D.C. 20382	
PREPARED	DATE	CODE: 9333	
		CODE: 215-897-7620	
CHECKED	DATE	PREPARED	DATE
ENGINEER	DATE	CHECKED	DATE
APPROVED	DATE	ENGINEER	DATE
		APPROVED	DATE
		ACCEPTED FOR NAVSEA P. F. MANCERI	
		APPROVED FOR NAVSEA	

SIZE	CAGE NO	WT GRP	NAVSEA DRAWING NO.	REV
D	XXXXX		7287627-01	1
SCALE - AS SHOWN			SHEET 1 of 1	

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LIST OF PARTS FOR ONE A

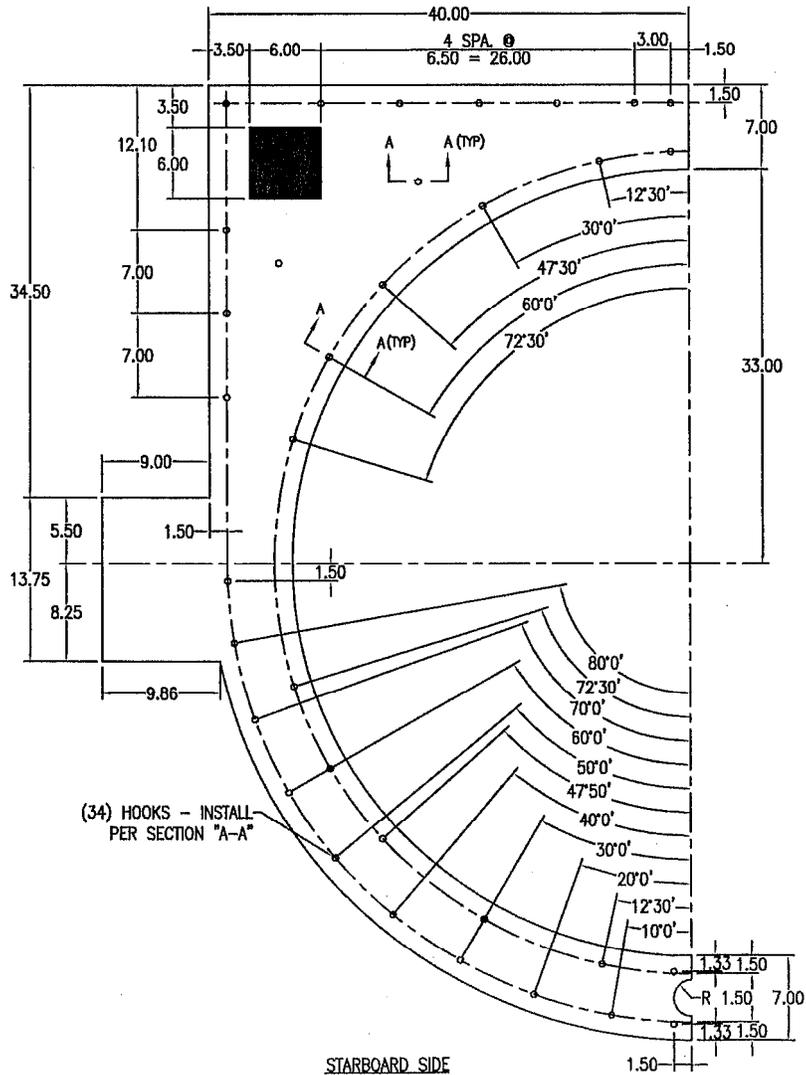
REV	ITEM NO.	QTY REQD	DESCRIPTION	MATERIAL SPECIFICATIONS	MATERIAL REQUIRED	NSN OR MANUF PART NO	SC
	1	1	FWD STBD SIDE EXHAUST BLANKET	SEE SPECIFICATIONS		7287627-01	
	2	1	FWD PORT SIDE EXHAUST BLANKET	SEE SPECIFICATIONS		7287627-02	

D

C

B

A



STARBOARD SIDE  
7287627-01

PORT SIDE  
7287627-02

NO.	HULL	TITLE	IDENT
		REFERENCES	

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