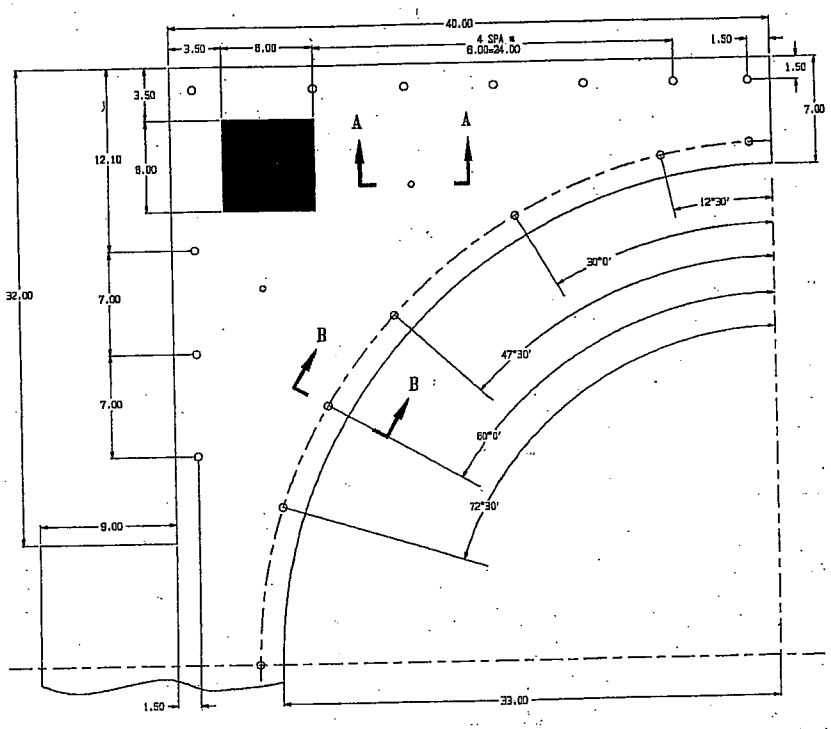
N65540-04-Q-0055

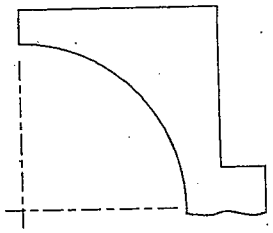
LIST OF PARTS FOR ONE ASSEMBLY

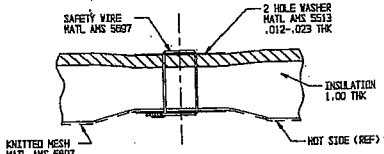
REV	ITEM NO.	QTY REQD	DESCRIPTION	MATERIAL SPECIFICATIONS	MATERIAL REQUIRED	NSN OR MANUF PART NO	SCE	APL NO.	UNIT WGT	REMARKS	ZONE
	1	1	FWD STBD SIDE EXHAUST BLANKET	SEE SPECIFICATIONS		7287627-01					
	2	1	FWD PORT SIDE EXHAUST BLANKET	SEE SPECIFICATIONS		7287627-02					

REVISIONS

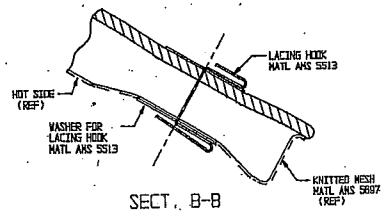
REV	SHEET	DESCRIPTION	BY	DATE	APPROVED







SECT. A-A
SCALE 1/1



SECT. B-B
SCALE 1/1

SPECIFICATIONS

1. BLANKETS SHALL CONTAIN NO ASBESTOS.
2. BLANKETS SHALL MEET MIL-I-24244.
3. INSULATION BLANKET SHALL HAVE A SNUG FIT SUCH THAT NO SURFACES OF THE EXHAUST ENCLOSURE SUPPORT LUG ARE EXPOSED.
4. 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.
5. THE MATERIAL OF THE INSULATION BLANKET SHALL MEET THE FOLLOWING:
   MATERIAL - THE MATERIAL SHALL CONSIST OF 100% GLASS FIBERS IN ACCORDANCE WITH ASTM D 579 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 0.00030 INCH.
   LENGTH OF FIBER - FIBERS LESS THAN 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 (Na_2O) 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^2).
   THICKNESS AND WEIGHTS - WHEN THE NOMINAL THICKNESS IS 1 INCH WITH THICKNESS TOLERANCE + OR - 1/8 INCH, THE NOMINAL WEIGHT PER SQUARE FOOT (FT^2) SHALL BE 15.0 OUNCES.
6. THE INSULATION SHALL MEET THE FOLLOWING CONDITIONS:
   TYPE - INSULATION MUST CONFORM TO MIL-I-18410, 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 BALNKET) 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.
7. TOLERANCE ±1/4".

REV	SHIPALT NUMBER	WT GRP	WT (LBS)	T. R XI XR	VCG REF BL	LCG REF ⊠	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 XI=LOAD ITEM INSTALLED XR=LOAD ITEM REMOVED
F=FWD A=AFT P=PORT S=STBD O=CENTERLINE

CONTRACT NO.:
CAGE NO.:

NAVAL SURFACE WARFARE CNTR
CARDEROCK DIVISION
PHILADELPHIA, PA 19112-5083
CAGE NUMBER 25685
CODE: 9333
PHONE: 215-897-7820

DRAWN J. A. LUGAS 2-8-88
CHECKED
ENGINEER A. PAMIAS-HOOPER
APPROVED T. ROCHE
ACCEPTED FOR NAVSEA P. F. MANCERI
APPROVED FOR NAVSEA

DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
WASHINGTON, D.C. 20362

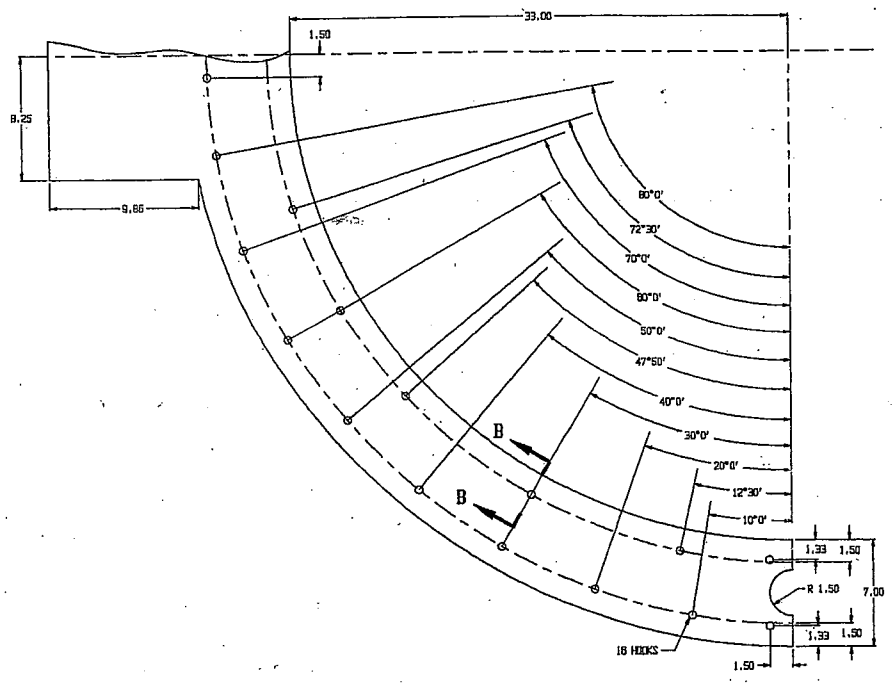
EXHAUST COLLECTOR INSULATION BLANKET - FORWARD

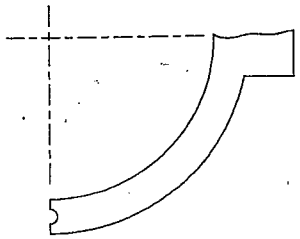
SIZE	CAGE NO	WT GRP	NAVSEA DRAWING NO.	REV
D	XXXXX		7287627	-

SCALE - AS SHOWN | SHEET 1 OF 2

NO.	HULL	TITLE	IDENT

REFERENCES





SIZE	CAGE NO	WT GRP	NAVSEA DRAWING NO.	REV
D	XXXXX		7287627	-
SCALE - AS SHOWN			SHEET 2 OF 2	