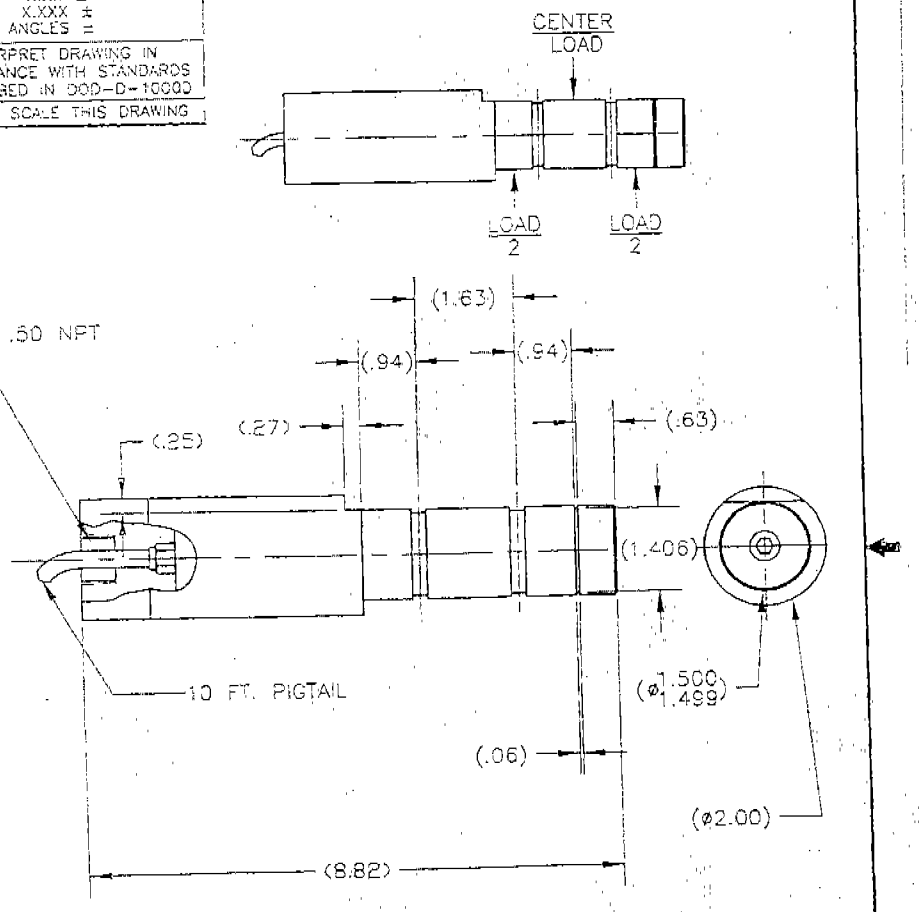
DWG NO 1764AS731 SH 2

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.X ±
X.XX ±
X.XXX ±
ANGLES ±

INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN DOD-D-10000

DO NOT SCALE THIS DRAWING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



IT NO	QTY REQ	PART OR IDENT NO	NOMENCLATURE	DESCRIPTION	MATERIAL	WT
1	1	1764AS731-1	LOAD PIN	WITH TRANSMITTER	COML	

CONTRACT NO: N00019-85-C-0028

LAKE SHORE INC.
AN OLDENBURG GROUP COMPANY
IRON MOUNTAIN, MI 49801
DWG NO. 745-05173

SIZE A | CAGE CODE 30003 | DWG NO 1764AS731 | REV —

SCALE 1/2 | WT — LBS | SHEET 2 OF 3

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.X ±
X.XX ±
X.XXX ±
ANGLES ±

INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN DOD-D-1000B

DO NOT SCALE THIS DRAWING

DWG NO 1764AS731 SHT 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

MATERIAL: 17-4PH STAINLESS STEEL, HEAT TREAT H1150
PER AMS 5643

CAPACITY: 30,000 LBS.

SPECIFICATIONS:

EXCITATION:	13-28 VOLTS D.C.
SENSING ELEMENT:	FULL BRIDGE STRAIN GAGE
STRAIN GAGE OVERLOAD CAPACITY:	150% OF CAPACITY W/O DAMAGE 300% W/O FAILURE
OUTPUT:	4-20 mA CURRENT LOOP
COMPLIANCE:	$\frac{\text{VOLTS EXITATION} - 13\text{V}}{.02}$ (OHMS)
NONLINEARITY:	0.25% } OF FULL SCALE NOMINAL,
HYSTERESIS:	0.25% } BASED ON BEST FIT LINE
NONREPEATABILITY:	0.15% }
TEMPERATURE RANGE:	-25° TO +130°F OPERATING -40° TO +180°F STORAGE
TEMPERATURE EFFECTS:	LESS THAN ±.01% OF CAPACITY SENSITIVITY SHIFT PER °F & LESS THAN ±.01% OF CAPACITY ZERO SHIFT PER °F
ELECTRICAL CONNECTOR:	10 FT INTEGRAL PIGTAIL
ELECTRICAL CONNECTIONS:	RED=+SOURCE, BLACK=-SOURCE

CONTRACT NO: N00019-86-C-0026

LAKE SHORE INC.
AN ELDERBURG GROUP COMPANY
IRON MOUNTAIN, MI. 49801
DWG NO. 748-09173

SIZE	CAGE CODE	DWG NO	REV
A	30003	1764AS731	–

SCALE NONE | WT – LBS | SHEET 3 OF 3

DWG NO	APPLICATION	
	NEXT HIGHER ASSY	NEXT LOWER ASSY
1764AS731	1764AS687	–
	3075AS512	
	–	

REVISION STATUS OF SHEETS			
–	3	2	1
–	–	–	–

SH 1

REVISIONS 6-15-00 [illegible]			
REV	DESCRIPTION	DATE	APPROVED

APPROVED SOURCES OF SUPPLY		
SUPPLIER DATA		
CAGE	PART NUMBER	NAME AND ADDRESS
38589	E5968-100	M/D TOTCO INSTRUMENTATION DIV. 1200 CYPRESS CREEK RD. CEDAR PARK, TX. 78613

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"ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR(S) LISTED HEREON IS APPROVED BY NAVAL AIR SYSTEMS COMMAND FOR USE IN APPLICATION(S) SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL.

IDENTIFICATION OF THE APPROVED SOURCE(S) OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THE DRAWING."

SOURCE CONTROL DRAWING

LAKE SHORE INC.
AN OLDENBURG GROUP COMPANY
IRON MOUNTAIN, MI. 49801
DWG. NO. 7A8-09173

DRAWN	M	96/01/23
CHECK	KN	96/01/24
APP	GDL	96/01/24

APPROVED FOR SEED [illegible] 2/31/00

APPROVED FOR NASC [illegible]

CONTRACT NO: N00019-86-C-0028

DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
WASHINGTON, D. C. 20360

LOAD PIN WITH TRANSMITTER

SIZE	CAGE CODE	DWG NO	REV
A	30003	1764AS731	–

SCALE NONE | WT – LBS | SHEET 1 OF 3