NOTE: The cover page of this standard has been changed for administrative reasons. There are no other changes to this document.

INCH-POUND

MIL-STD-1672 <u>5 November 1975</u> SUPERSEDING MIL-C-81582/3(NAVY) 15 October 1968

DEPARTMENT OF DEFENSE

INTERFACE STANDARD

CONNECTOR, UMBILICAL, INSERT ARRANGEMENTS



MIL-STD-1672 5 November 1975 SUPERSEDING MIL-C-81582/3(NAVY) 15 October 1968

MILITARY STANDARD

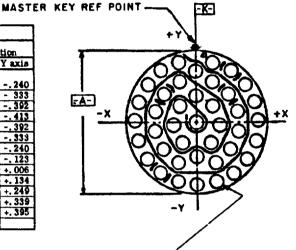
CONNECTOR, UMBILICAL, INSERT ARRANGEMENTS

This Military Standard is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE. This standard covers insert arrangements for use with MIL-C-81582 umbilical connectors.

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

Contact location								
Contact			Contact			Contact	Location	
number	X axis	Y axis	number	X axis	Y axis	number	X axis	Y axis
1_	000	000	15	000	222	29	- 336	240
2	- 111	+ 105	16	+ 124	- 262	30	- 245	- 333
3	156	018	17	+. 222	176	31	129	392
4	096	134	18	+. 280	- 059	32	.000	413
5	+, 096	- 134	19	+. 275	+ 071	33	+, 129	-, 392
6	+, 156	- 018	20	+. 214	+. 186	34	+. 245	333
7	+. 111	+ 105	21	+. 111	+ 265	35	+. 336	240
8	.000	+ 172	22	000	+ 335	36	+. 394	-, 123
9	-, 111	+ 265	23	116	+ 395	37	+ 412	+, 006
10	214	+ 186	24	234	+ 339	38	+. 389	+. 134
11	- 275	+. 071	25	328	+ 249	39	+. 328	+. 249
12	280	- 059	26	389	+. 134	40	+. 234	+. 339
13	222	176	27	412	+ 006	41	+. 116	+. 395
14	124	- 262	28	- 394	- 121	1		



HKA 021 RECEPTACLE

OKA OIB PLUG

(41 PLACES)

NOTES.

indicates C_L of insert arrangement and master key or keyway of connector shell.
 Normal position shown.

2. All dimensions (TP) are in inches and are true positional.

 Markings shown are for socket insert front face and pin grommet Pin insert and socket grommet are the opposite

4 For datum A (-A-) refer to applicable specification sheets.

5. Dimensioning and tolerancing in accordance with USASI Y 14 5-1966 (ANSI)

6. Unless otherwise indicated, dimensions are symetrical about centerlines of insert and shell

Arrange ment No	Number of contacts	Size contacts				Shell size
-3	41	20	I	See table	MIL-C-81582/3(NAVY)	22

Custodians

Army - EL Navy - AS

Air Force - 80

Review activities

Army - MU

Navy - SH

Air Force - 11, 15, 80

DSA - ES

User activity Navy - SH Preparing activity Navy - AS

(Project 5935-1953-10)

STANDARDIZATION DOCUMENT IMPROVEM	OMB Approval No. 22-R255				
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