

PAKISTAN NAVY SPECIFICATION**FOR****TECHNICAL INSIGNIA FOR AVIATION TECHNICAL
OFFICERS / CPOs AND SAILORS****DRAWING NOS.**

TD-1515/2001 dated 27 June 2001.(Officers)

TD-1516/2001 dated 29 June 2001.(CPOs / Sailors)

FOREWORD

1. This specification is promulgated by Inspection and Technical Development Directorate, Naval Headquarters, Karachi, to provide necessary guidance to the potential manufacturers/suppliers of the items mentioned herein. This specification is to be used for testing and deciding upon acceptance, or otherwise, of the items mentioned. Any alteration or addition in this specification can be suggested to ITD Directorate, however, it can not be implemented without approval of DITD. This specification supersedes all other specifications promulgated earlier in relation to the items mentioned herein.

SCOPE

2. This specification covers manufacturing/inspection requirements of technical insignia to be used by aviation technical Officers / CPOs and Sailors of Pakistan Navy.

MATERIAL SPECIFICATIONS**3. BASE MATERIAL**

a. Commercial Brass - BS 2870 CZ - 1 106

	<u>Officers</u>	<u>CPOs/Sailors</u>
i) Copper	61.88%	64.61%
ii) Iron	0.50%	0.37%
iii) Zinc	Remainder	Remainder

b. MECHANICAL TESTS

i) Hardness in VPN at 10 Kg	105.6	101.7
ii) Condition	Cast	Cast

MANUFACTURING DETAILS

4. For all dimensional details drawing Nos. TD-1515/2001 dated 27 June 2001 and TD-1516/2001 dated 29 June 2001 shall be consulted.



INSPECTION DETAILS

5. For each contract following material shall be supplied by the manufacturer at the time of tendering :

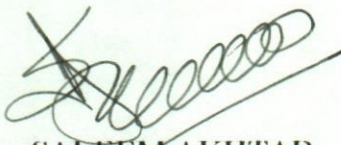
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|----|-----------------|---|
| a. | Material | 100 gms (For each Officers & CPOs/Sailors) |
| b. | Complete sample | 03 pairs (For each Officers & CPOs/Sailors) |

ACCEPTANCE OF STORES

6. Inspection of the item is to be carried out to the satisfaction of CINS:

PACKING INSTRUCTIONS

7. Packing (preservation of identification) is to be accordance with the terms of the contract.

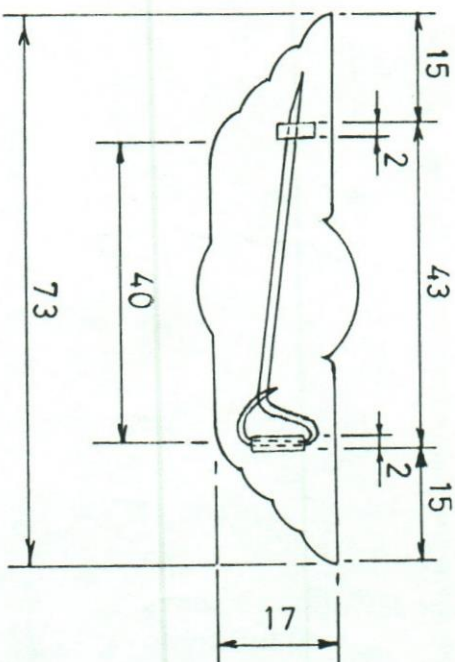
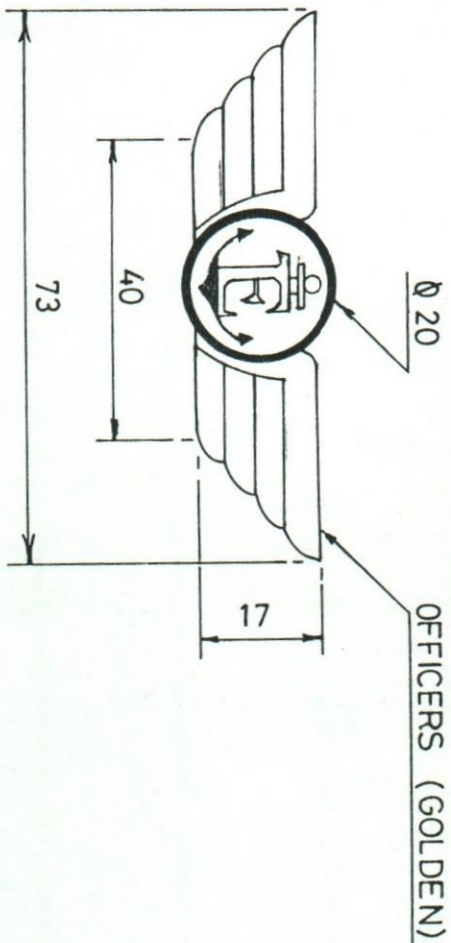

SALEEM AKHTAR
Captain Pakistan Navy
Director

Note :

- A. Tender sample to be approved by CINS.
- B. This specification will be subjected to changes as and when required.
- C. Insignia should be one piece moulding, smoothly gold plated (for officers), silver plated (for CPOs/Sailors), neatly buffed and finally lacquered.

Encl:

Drawing No. TD-1515/2001 dated 27 June 2001 and TD-1516/2001 dated 29 June 2001.



DITD NHQ KARACHI

TITLE
INSIGNIAS FOR AVIATION
TECHNICAL OFFICER

DWG. No. TD - 1515 /2001 DIMENSION: mm

DATE: 27 - 6 - 2001 SCALE: 1:1

DRAWN BY

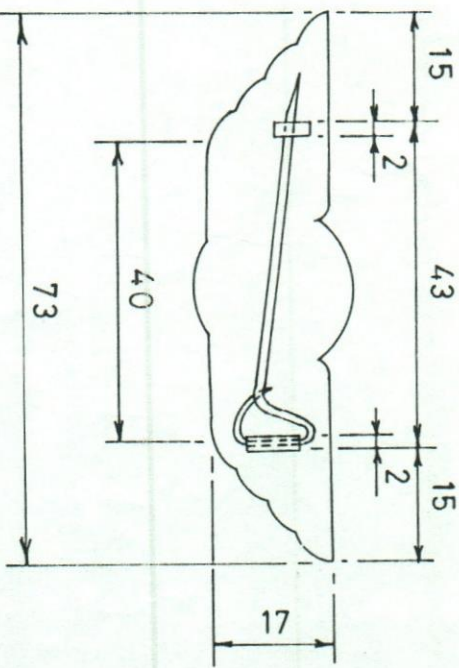
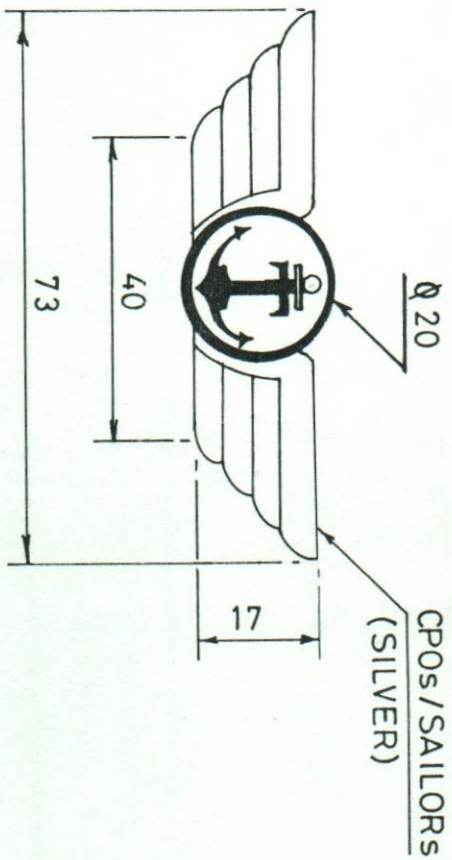
CHECKED BY

APPROVED BY

I/C DRG. SEC.
Z - U - KHAN
D/M-I

LT
ABDUL MAROOF
SO. R & D

CAPTAIN
SALIM AKHTAR
DITD



DITD NHQ KARACHI			
TITLE			
INSIGNIAS FOR AVIATION			
TECHNICAL CPOs/SAILORS			
DWG. No. TD - 1516/2001		DIMENSION: mm	
DATE: 29 -- 6 -- 2001		SCALE: 1:1	
DRAWN BY	CHECKED BY	APPROVED BY	
I/C DRG. SEC. Z - U - KHAN D/M-I	LT ABDUL MAROOF SO R&D	CAPTAIN SALIM AKHTAR DITD	