

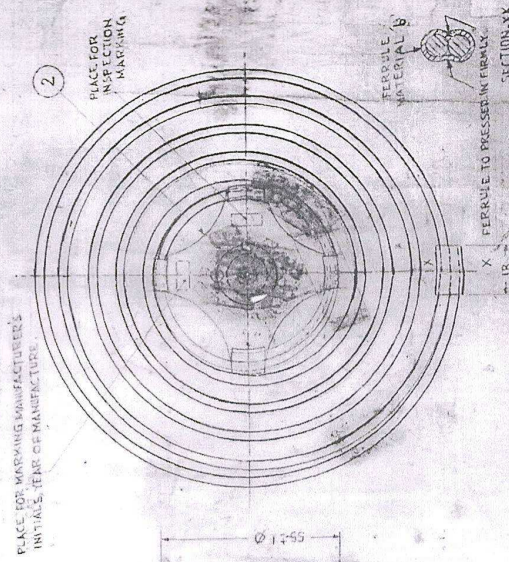
**PACKING.** - FIVE NOS. OF COIL SPRINGS SHALL BE GROUPED TOGETHER SO THAT THEIR COILS DO NOT COME INTO CONTACT WITH EACH OTHER. THESE SHOULD BE SECURED WITH JUTE TWINE AT THE TOP AND BOTTOM ENDS. EACH SUCH UNIT SHALL BE PACKED IN A POLYTHENE BAG (EACH SUCH BAG SHALL BE PLACED IN A C.W.P. (DULY LINED WITH PAPER PACKING WATER PROOF) AND SPRING REACH JUTE BAG SHALL BE IDENTIFIED BY A LABEL SHOWING CAT NO., DESIGNATION OF THE STORE, AND RECOGNIZED INITIAL OF THE MANUFACTURER AND YEAR OF MANUFACTURE.

THE PACKING CASE SHALL BE INDIBLY MARKED WITH THE ADDRESS OF THE CONSIGNEE AND CONSIGNOR, CAT. NO., DESIGNATION, YEAR OF MANUFACTURE, QUANTITY AND NUMBER OF INDIVIDUAL PACKS.

**MATERIAL.** - (A) SPRING - STEEL SPRING MUSIC WIRE, 3.23mm  $\phi$  TO SPEC. B-5-408, 1964  
 (B) FERRULE - MILD STEEL SHEET 0.295 mm THICK

**WORKMANSHIP.** - JOINTS AT TOP AND BOTTOM OF SPRING TO BE WRAPPED TIGHTLY  
**FINISH.** - SPRING ASSEMBLY TO BE GALVANIZED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AFTER SPEN-15-1572-1968, C-11.

**EMERGENCY RELEASE.** - SPRINGS AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150 TO 160°C FOR NOT LESS THAN HALF AN HOUR TO REMOVE HYDROGEN CHLORIDE.



**COMPRESSION TEST.** - THE SPRING SHALL COMPRESS UP TO THE TOP OF THE CONE UNDER A LOAD OF 157 N (35 LBS) AFTER BEING MAINTAINED UNDER COMPRESSED POSITION FOR 10 HOURS. THE SPRING SHALL BE RELEASED AND THE JOINTS SHALL REMAIN UNCHANGED. THIS TEST MAY BE CARRIED OUT ON EACH SPRING.

**TOLERANCES.** - 10.4 mm EXCEPT WIRE DIA. AND SHEET THICKNESSES AND OTHERWISE SPECIFIED.

NOTE: ALL THE SHARP EDGES TO BE ROUNDED OFF.

ASSEMBLY

**DETAIL INDEX**

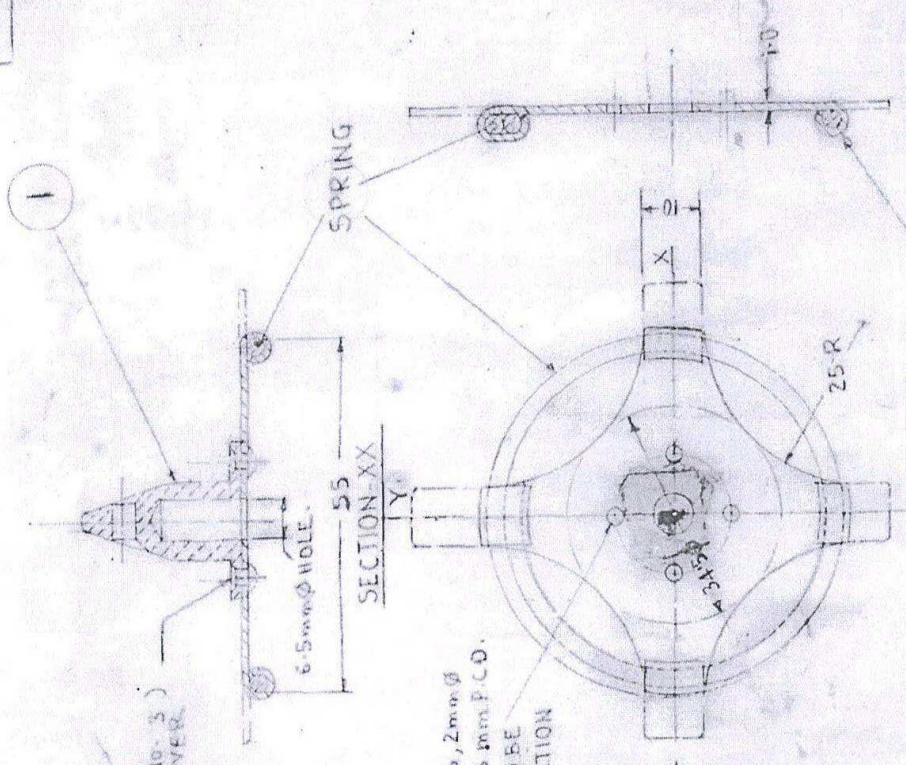
DETAIL PART No.	SHEET No.	NOMENCLATURE	No. OFF
1	1	ASSEMBLY, PACKING CLAUSE	1
2	2	CONE	1
3	3	BASE PLATE	4

COUNT	DESIGNED	DATE	NAME
1	DR	1983	Y
1	CHKD		
1	TESTED		
1	INSPECTED		
1	DIRECTOR		
1	BRANCH		

SCALE: 1:1 & 2:1

**BRAKE PARACHUTE FOR MIG-21 & MIG-23 AIRCRAFT**  
 (MODIFIED COIL SPRING)

APPROVED  
 AUTHORITY  
 DATE



RIVETS (PART NO. 3) TO BE RIVETED OVER

SECTION XX

4 HOLES FOR RIVETS, 2mm Ø (PART NO. 3) ON 18 mm P.C.D. EQUALLY SPACED TO BE DRILLED IN CONJUNCTION WITH DETAIL -1

SECTION YY  
SHEET TO BE ROLLED OVER THE SPRING NEATLY AND FIRMLY WITHOUT SHOWING ANY SLACKNESS BETWEEN SHEET AND SPRING.

BASE PLATE 1-OFF

MATERIAL: STEEL SHEET TO SPECN. 1570-1961  
DESIGNATION: C-20

TOLERANCES: ± 0.2mm

*M. S. 06/08/07*

COURT DESIGNED	DATE	NAME	THIRD ANGLE PROJECTION
<i>[Signature]</i>			
DGN.			
DRN			

BRAKE PARACHUTE FOR DIMENSIONS IN MILLIMETRES

