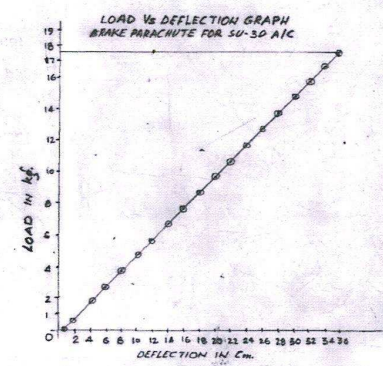


COMPRESSION TEST :- TO BE INCORPORATED THE SPRING SHALL BE COMPRESSED FULLY (WHEN CONE HOLE JUST COMES OUT OF THE SPRING COIL) UNDER A LOAD OF NOT LESS THAN 156.8 N (16 kg) AND NOT MORE THAN 186.2 N (19 kg) AFTER BEING MAINTAINED IN FULLY COMPRESSED POSITION UNDER SUCH LOAD FOR A PERIOD OF 10 MINUTES IT SHALL NOT SHOW PERMANENT SET MORE THAN 2mm ON COMPLETE WITHDRAWAL OF LOAD & JOINT SHALL REMAIN UNDAMAGED THIS TEST MAY BE CARRIED OUT ON EACH SPRING EITHER BEFORE OR AFTER PLATING.



Handwritten signature and date: 20/11/06

COORDINATED BY
R.C.M.A (N)
Handwritten initials
(B.S. MANDLO) 30/11/06

ITEM NO.	NOMENCLATURE	NO. OFF	SHEET NO.
2-C	RIVET SNAP HEAD	4	7
2-B	BASE PLATE	1	6
2-A	CONE	1	5
2	CONE SUB-ASSEMBLY	-	4
1-B	FERRULE	1	3
1-A	FERRULE	1	3
1	COIL SPRING SUB-ASSEMBLY	-	2
-	ASSEMBLY	-	1

DETAIL-INDEX

R.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/K	HEAD	Q/H	DRG. No ADRDE/1402-03-002
-------	------	------	-----------	--------------	-----	------	-----	------------------------------

DRN. *Handwritten* / **ABS** MATERIAL:-
 CHD. *Handwritten* / **GP. DIR.** FINISH:-
 TRP. *Handwritten* / **DIV. HD** *Handwritten* / **PROJ OFF** *Handwritten* / **HEAT TREATMENT.**
 COMR. *Handwritten* / **DYED** *Handwritten* / **PC**

SCALE:- 1:1
 DIMENSIONS IN mm.
 TOLERANCES:- IS: 2102 (Pt 1)
 MEDIUM

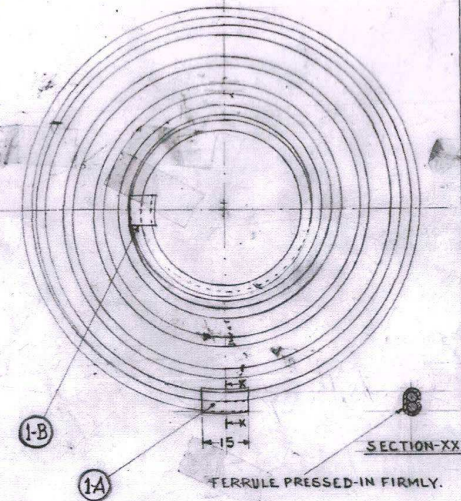
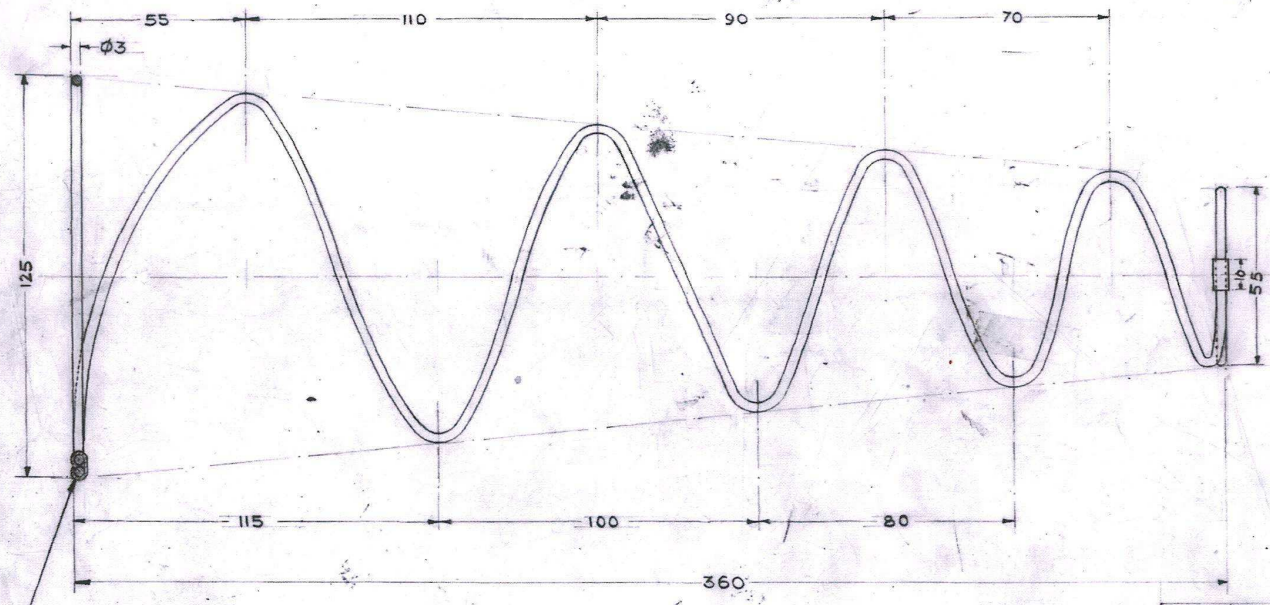
ASSEMBLY
 COIL SPRING
 BRAKE PARACHUTE FOR
 SU-30 AIRCRAFT

APPROVED
Handwritten signature
 HEAD (G.A.)

MATERIAL: SPRING STEEL MUSIC WIRE ϕ 3 mm
 TO SPEC. NO. BS:1408-U-1954

FINISH: SPRING SHOULD BE CADMIUM PLATED
 TO A MIN. THICKNESS OF 0.012 mm
 AND CHROME PASSES PASIVATED AS PER
 SPEC. No 15:1572-1968

WORKMANSHIP: BOTH JOINTS OF FERRULE
 TO BE PROPERLY JOINT & FINISHED



BOTH ENDS TO BE PRESSED IN

COIL SPRING SUBASSEMBLY
 1-OFF

1-B	FERRULE	1	
1-A	FERRULE	1	
1	COIL SPRING ASSEMBLY		
ITEM NO.	NOMENCLATURE	N ^o OFF	DRG NO/SPECN NO.

DETAIL-INDEX

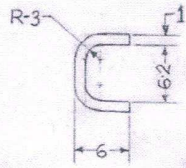
COORDINATED BY
 R.C.M.A. (N)
 (B.S. MANDLOI) sc/c

DRN. <i>AB</i>	ABS	MATERIAL: AS ABOVE	ADRDE, AGRA.
CHD. <i>Sita Ram</i>	GP. DIR.	FINISH: AS ABOVE	
TRD.	DIV. HD.	HEAT TREATMENT:	APPROVED.
COMP.	PRO. OFF.		
SCALE: 1:1	DYCD/S		
DIMENSIONS IN MM.	COIL SPRING		
TOLERANCES: IS: 2102 (Pt-1) (MEDIUM)	BRAKE PARACHUTE FOR SU-30 AIRCRAFT		

R.No	DATE	ZONE	AUTHORITY	- BRIEF RECORD.	0 1/2 HEAD (S.A)
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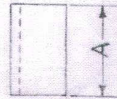
DRG. No. ADRDE/1102-03-002

SHEET 3 OF 7



1-A

1-B



1-B	10	1
1-A	15	1
DETAIL No.	A	NO.OFF
DIMENSIONS IN mm		

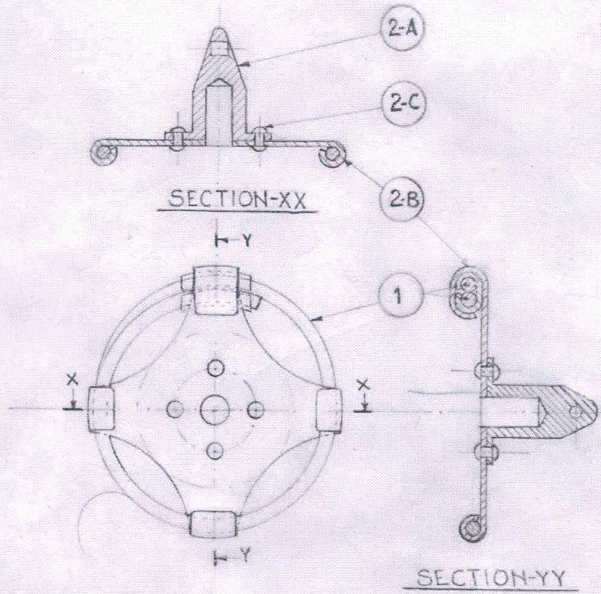
TABLE OF DIMENSIONS

FERRULE

COORDINATED BY
RCMA (M)

15/12/2010
(B.S. MAHDL01) SC'c

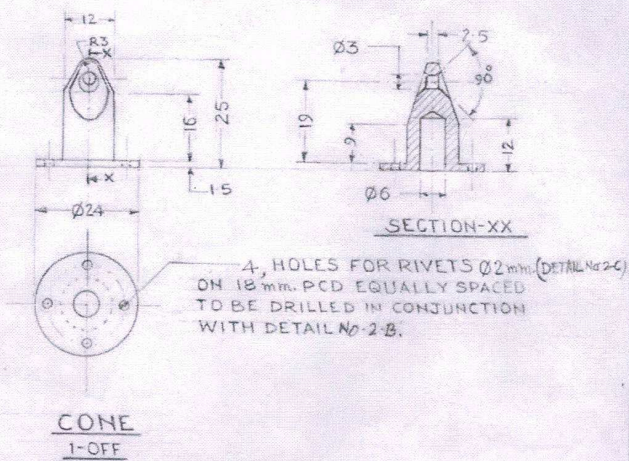
R No	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/C HEAD DAS. (G.A)
DRN	Daubh	ABS	MATERIAL: MS. SHEET C-20/C30, IS:1570-1961	ADRDE, AGRA	
CHD	Sidharany	GP.DIR.	FINISH:-		
TRD			HEAT TREATMENT:-		
COMP	DIV. HD				
SCALE:- 2:1	PRO. OFF				
DIMENSIONS IN mm.		COIL SPRING		APPROVED	
TOLERANCE IS: 2102 (pt-1) MEDIUM		BRAKE PARACHUTE FOR SU30 AIRCRAFT			
					HEMD (G.A)
					DRG No ADRDE/1102-03-002



CONE SUB-ASSEMBLY
1-OFF

COORDINATED BY
RCMA (N)
(Signature)
(B.S. MANDL01) sc'e

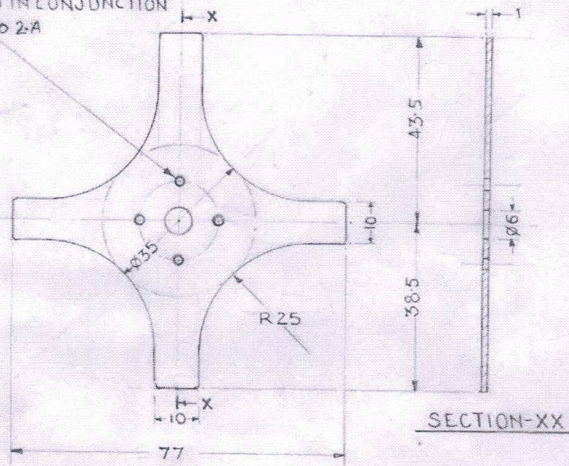
R No	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/C PGD.
DRN: <i>1402</i>			ABS	MATERIAL: -	ADRDE, AGRA
CHD: <i>Silva</i>			GP DIR	FINISH: -	 APPROVED: <i>(Signature)</i>
TRD: <i>(Signature)</i>			DIV. HD. <i>(Signature)</i>	HEAT TREATMENT: -	
COMP: <i>(Signature)</i>			PRO. OFF <i>(Signature)</i>		
SCALE: 1:1			<i>(Signature)</i>		
DIMENSIONS IN mm			COIL SPRING		
TOLERANCES: IS: 2102 (P1) (MEDIUM)			BRAKE PARACHUTE FOR SU-30 AIRCRAFT		HEAD (O.A)
				DRGN: <i>(Signature)</i>	
				ADRDE/1402-03-002	



COORDINATED BY
RCMA (N)
(Signature)
(B.S. MANDLOI) SC'61

R.No	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/C PGD.
DRN: <i>Manj</i>				MATERIAL - STEEL T8	
CHD: <i>S. K. R. Singh</i>				C-20/c-30, IS: 1570-1961	ADRDE; AGRA.
TED:			G.P. DIR	FINISH: -	
COMP:			DIV. HD <i>Manj</i>	HEAT TREATMENT:	APPROVED: <i>(Signature)</i>
SCALE: 1:1			PROJ OFF <i>(Signature)</i>		
DIMENSIONS IN m.m.			<i>o/c D/S</i> <i>Pite</i>		
TOLE RANCES: IS: 2102 (Pt. 1) MEDIUM				COIL SPRING BRAKE PARACHUTE FOR SU-30 AIRCRAFT	HEAD (Q.A.) DRG No ADRDE 11402-03-002

4 HOLES FOR RIVETS $\phi 2$ mm (DETAIL NO. 2-C)
ON 18 mm PCD EQUALLY SPACED
TO BE DRILLED IN CONJUNCTION
WITH DETAIL No 2-A



BASE PLATE
1-OFF

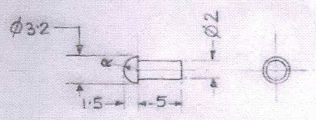
FINISH:- CADMIUM PLATED TO A MIN.
THICKNESS OF 0.012 mm
CHROME PASSIVATED AS
PER IS: 1572-1968
WORKMANSHIP: ALL SHARP EDGES
TO BE ROUNDED OFF

COORDINATED BY
RCMA (IN)

(Signature)
15/12/2008
(B.S. MANDLOI) SC'C


R.No	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/C PGD.
DRN:	<i>Mony</i>		ABS	MATERIAL: STEEL TO SPECN. IS: 1570-1961, DESIGNATION: C20	ADRDE; AGRA.
CHD:	<i>Sita Ram</i>		GPDIR	FINISH: AS ABOVE	
TRD:			DIV. HD	HEAT TREATMENT: —	
COMP:			PRO. BFF		APPROVED: <i>(Signature)</i>
SCALE:	1:1		<i>o/c D/S Pate</i>		
DIMENSIONS IN mm					
TOLERANCES: IS: 2102 (P1) (MEDIUM)					
				COIL SPRING BRAKE PARACHUTE FOR SU-30 AIRCRAFT	DRG. NO. ADRDE/1402-03-002

20



RIVET SNAP HEAD
4-OFF

COORDINATED BY
RCMA (H)
(Signature)
(B.S. MANDEL) SC'G

R.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD.	O/C PGD.
DRN: <i>Shafiq</i>			ABS	MATERIAL:- MS C-20/C30 IS: 1570-1961	ADRDE, AGRA.
CHD: <i>Sita Ram</i>			G.P.D.R.	FINISH:-	
TRD:			DIV. HD <i>Shafiq</i>	HEAT TREATMENT.	APPROVED: <i>(Signature)</i>
COMP:			PRO.OFF		
SCALE:- 2:1			<i>c/c D/S Rite</i>		
DIMENSIONS IN mm.			COIL SPRING		
TOLE RANCES: IS: 2102(Pt1)			BRAKE PARACHUTE FOR		
MEDIUM			SU-30 AIRCRAFT		
				FIG. 11 HEAD (Q.A.)	
				DRG.No.	
				ADRDE/1402-03-002	