

ASSEMBLY SHOWING  
BODY, MALE IN LOCKED POSITION

ASSEMBLY SHOWING  
BODY, MALE IN RELEASE POSITION

ASSEMBLY

NOTE: THE DRGS HAVE BEEN TRACED FROM D0/136/77 DUE TO POOR CONDITION OF NEGATIVES

PRO. OFF. *[Signature]*  
CHD BY. *[Signature]*

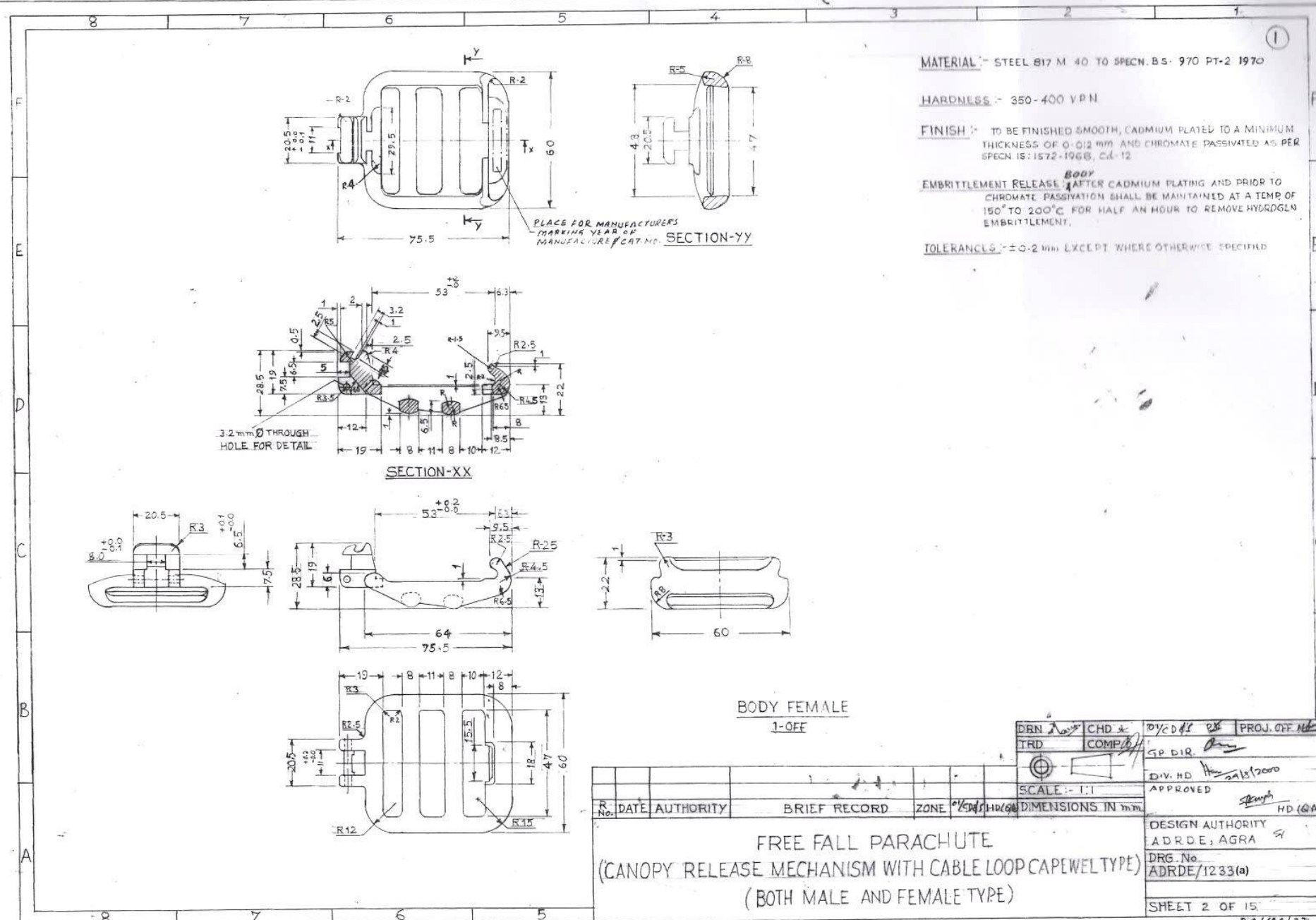
**PACKING CLAUSE:-**  
EACH CANOPY RELEASE MECHANISM SHALL BE PACKED IN A POLYTHENE BAG OF SUITABLE SIZE & TIED THE MOUTH OF THE BAG TO BE HEAT SEALED. THIS SEALED BAG SHALL BE PACKED IN A SUITABLE SIZE OF CARTON. 10 Nos. OF SUCH CARTONS SHALL BE PACKED IN A C.W.M.T (DULY LINED WITH PAPER PACKING WATER PROOF). CANOPY RELEASE MECHANISM IN EACH CARTON SHALL BE IDENTIFIED BY LABEL SHOWING CAT No. DESIGNATION OF THE STORE & ALSO THE RECOGNISED INITIALS OF MANUFACTURER. THE PACKING CASE SHALL BE LEGIBLY & INDELIBLY MARKED WITH THE ADDRESS OF THE CONSIGNEE, CONSIGNOR, CAT. No., NOMENCLATURE OF THE STORE, THE YEAR OF MANUFACTURE, TOTAL No. OF PACKING CASES & THE INDIVIDUAL PACKING CASE IN A CONSIGNMENT.

-	-	-	-
7	15	BODY MALE	1
6	14	COVER GUARD	1
5	13	COVER GUARD & PERFORMANCE TEST	1
4-A	1	MACHINED WASHERS DIA-3.2 X 0.5 TO IS: 2016/1967	1
4	12	RIVET SOLID OVAL HD	1
3	4-11	RELEASE SUB-ASSEMBLY	1
2	3	SLIDER	1
1	2	BODY FEMALE	1
-	1	ASSEMBLY, PACKING CLAUSE	-
DETAIL/ PART No	SHEET No	NOMENCLATURE	No OFF

DETAIL INDEX

DRN'S. N. Stan	CHD. BY	QC'D BY	PROJ OFF. No.
TRP	COMP. BY	GP. DIR	
SCALE: 1:1		DIY. HD	
DIMENSIONS ARE IN mm		APPROVED	
R.N. DATE	AUTHORITY	BRIEF RECORD	ZONE
FREE FALL PARACHUTE (CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE) (BOTH MALE AND FEMALE TYPE)			
DESIGN AUTHORITY		HEAD (Q.A.)	
ADRDE AGRA			
DRG No			
ADRDE/1233(a)			
SHEET 1 OF 15			

D0-136/77



**MATERIAL** :- STEEL 817 M 40 TO SPECN. BS. 970 PT-2 1970

**HARDNESS** :- 350-400 V.P.N

**FINISH** :- TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MINIMUM THICKNESS OF 0.012 MM. AND CHROMATE PASSIVATED AS PER SPECN IS: 1572-1968, Cd-12

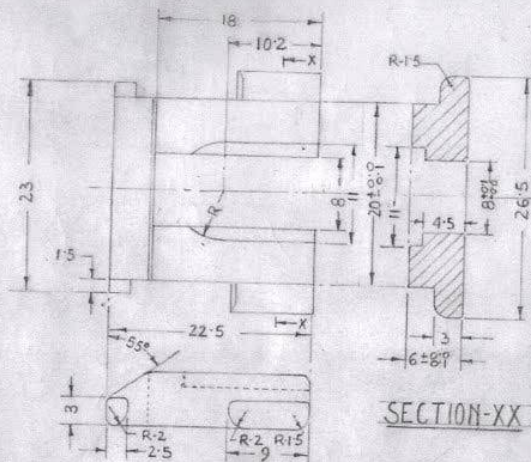
**EMBRIEMENT RELEASE** :- <sup>Body</sup> AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP OF 150° TO 200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRIEMENT.

**TOLERANCES** :- ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED

**BODY FEMALE**  
1-OFF

DRN No.	CHD	BY	DATE	PROJ. OFF
TRD	COMP	GP DIR.		
SCALE: 1:1		DIV. HD	DATE	
APPROVED		HD (GA)		
No.	DATE	AUTHORITY	BRIEF RECORD	ZONE
<b>FREE FALL PARACHUTE</b> <b>(CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWELTYPE)</b> <b>(BOTH MALE AND FEMALE TYPE)</b>				
DESIGN AUTHORITY		ADR DE, AGRA		
DRG. No.		ADRDE/1233(a)		
SHEET 2 OF 15				

D.O./156/77



SECTION-XX

SLIDER  
L-002

MATERIAL:- STEEL 817 M40 TO SPECN. B.S. 970, PT. 2-1970.

HARDNESS:- 350-400 V.P.N.

FINISH:- TO BE FINISHED SMOOTH, CADMIUM PLATED TO MIN. THICKNESS OF 0.12 mm. AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572-1968, CA. 12.

EMBRITTLMENT RELEASE:- COMPONENTS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150°-200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT

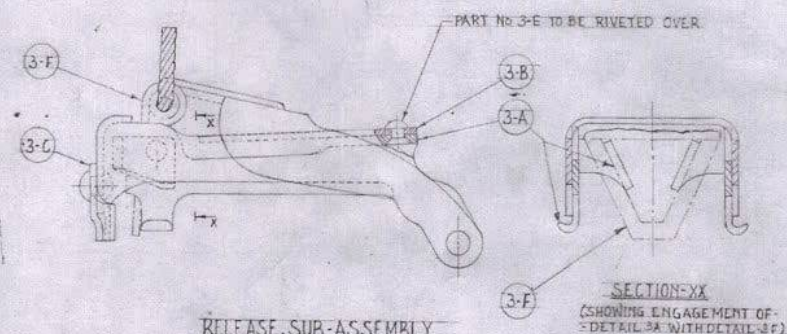
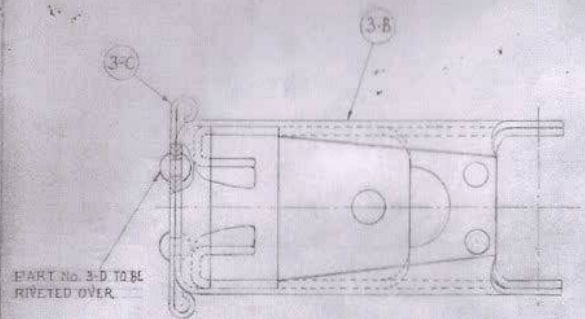
TOLERANCES:- 0.2 mm. EXCEPT OTHERWISE SPECIFIED.

DRN. SK	CHD. *	% Dfs	PRO OFF. <i>MB</i>
TRD. <i>MB</i>	COMP. <i>MB</i>	GP. DIR <i>MB</i>	
		DW. HD <i>MB</i>	
SCALE:- 2:1		APPROVED <i>MB</i>	
DIMENSIONS ARE IN mm.		HEAD (Q.A)	

R.No	DATE	AUTHORITY	BRIEF RECORD	ZONE	% Dfs	HD-QA
------	------	-----------	--------------	------	-------	-------

FREE FALL PARACHUTE  
CANOPY RELEASE MECHANISM WITH CABLE LOOP  
(BOTH MALE & FEMALE TYPE)

DESIGN AUTHORITY  
ADRDE, AGRA  
DRG. No.  
ADRDE/1233(a)  
SHEET 3 OF 15



SECTION XX  
(SHOWING ENGAGEMENT OF  
DETAIL 3A WITH DETAIL 3F)

RELEASE, SUB-ASSEMBLY

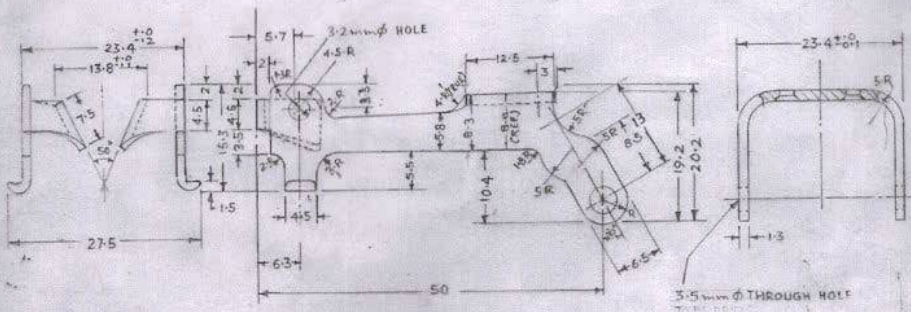
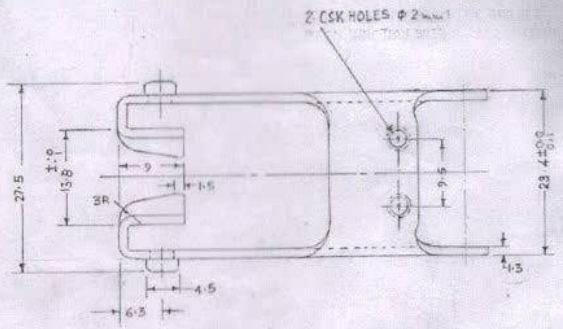
3-F	8-11	RELEASE LEVER WITH CABLE LOOP	1
3-E	4	SNAP HD. RIVET 2.5 X 6, IS: 2155-1962	2
3-D	4	CSK HD. RIVET 2x6, IS: 2155-1962	2
3-C	7	HOUSING FRONT PLATE	1
3-B	6	HOUSING COVER CATCH	1
3-A	5	COVER CATCH	1
3	4	RELEASE, SUB-ASSEMBLY	1
DETAILS SHEETS		NOMENCLATURE	No. OF

DETAIL INDEX

DRN	CHD	OVC	D&S	PROJ	OFF	DRG	O/C
TRD	COMP	GP	DIR				
SCALE: 2:1		APPROVED		HEAD (Q.A.)			
DIMENSIONS ARE IN mm.							

FREE FALL PARACHUTE  
(CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPWEL TYPE)  
(BOTH MALE & FEMALE TYPE)

DESIGN AUTHORITY  
ADRDE, AGRA.  
DRG. No.  
ADRDE/1233 (a)  
SHEET 4 OF 15



**COVER CATCH**  
1-OFF

**MATERIAL:** - 1 STEEL SHEET TO SPECN BS:1449-1956 EN-43-J  
**HARDNESS:** - 400 TO 450 V.P.N.  
**FINISH:** - TO BE FINISHED SMOOTH CADMIUM PLATED TO MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN IS:1572-1968, cd-12  
**EMBRITTLMENT RELEASE:** - COMPONENTS AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP OF 150°C TO 200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.  
**TOLERANCES:** - ± 0.2 mm EXCEPT OTHERWISE SPECIFIED.

ITEM No	DATE	AUTHORITY	BRIEF RECORD	ZONE	DRG. HD. C/A

DRN CHD X / OVC D&S P/B PRO OFF

TRD COMP GP.DIR

DIV. HD. APPROVED

SCALE: 2:1  
DIMENSIONS ARE IN MM.

FREE FALL PARACHUTE  
 (CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPE WEL TYPE)  
 (BOTH MALE & FEMALE TYPE)

DESIGN AUTHORITY  
ADRDE, AGRA

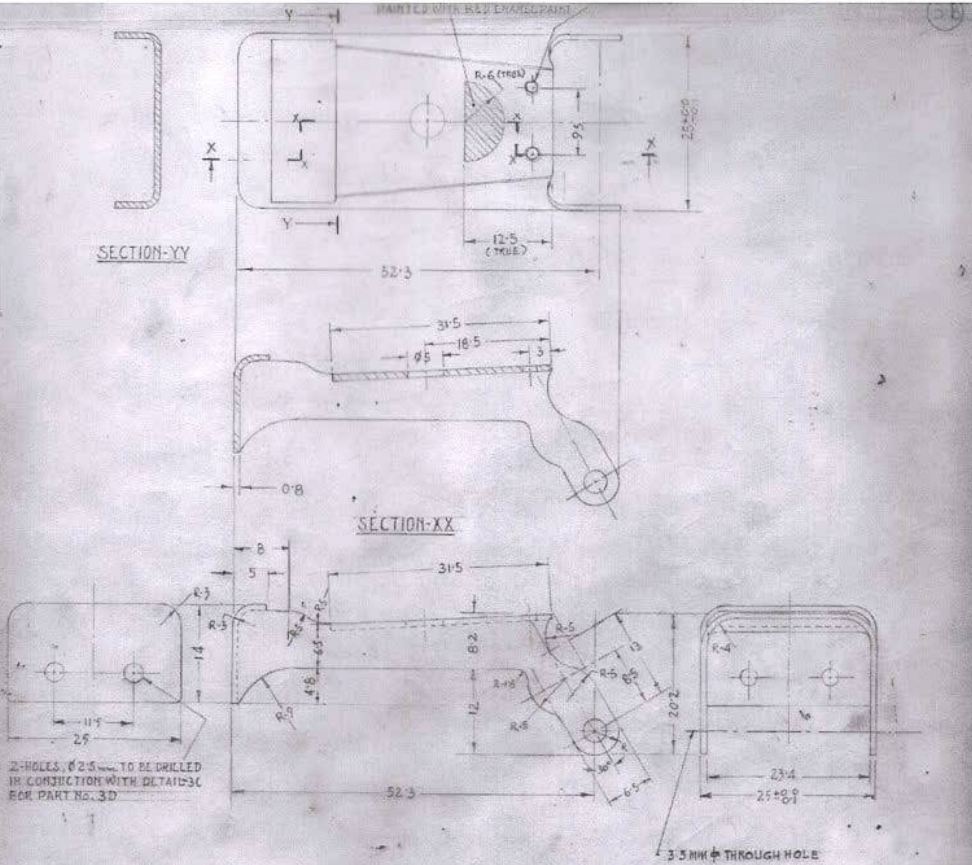
DRG. No.  
ADRDE/1233(a)

SHEET 5 OF 15

DO/136/77

SECTION-YY

SECTION-XX



HOUSING COVER

L-OFF

MATERIAL: STEEL SHEET TO SPECN.B.S.1449-1956, EN-43J.

HARDNESS: 400 TO 450 V.P.N.

FINISH: TO BE FINISHED SMOOTH, CADMIUM PLATED TO MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN IS:1572-1968, C412.

EMBRITTLMENT RELEASE: COMPONENTS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150°C TO 200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.

TOLERANCE: ±0.2 mm, EXPECT WHERE OTHERWISE SPECIFIED.

R.N.	DATE	AUTHORITY	BRIEF RECORD	ZONE

DRN 57	CHD	07/04/85	PROJ. OFFICE
TRD 57	COMP. 001		
GP. DIR			
SCALE - 2:1			
DIMENSIONS ARE IN mm.			
APPROVED			

DESIGN AUTHORITY  
ADRDE, AGRA  
DRG. No.  
ADRDE/1233 (a)  
SHEET 6 OF 15

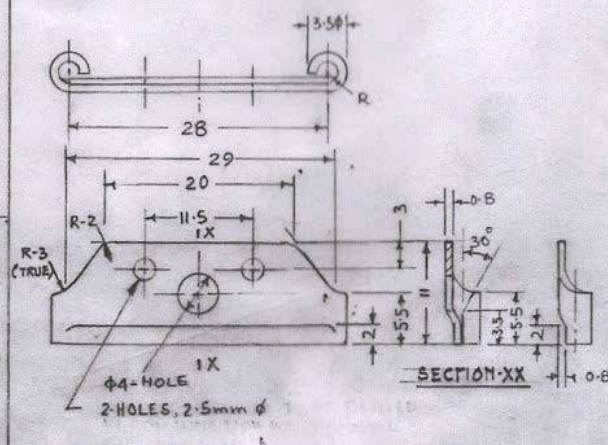
FREE FALL PARACHUTE

(CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE)

(BOTH MALE AND FEMALE TYPE)

00/136/77

30



HOUSING FRONT PLATE  
1-OFF

MATERIAL:- STEEL TO SPECN. BS  
1449-1956, EN-43J.

HARDNESS:- 400-450 V.P.N.

FINISH:- TO BE FINISHED SMOOTH  
CADMIUM PLATED TO A  
MIN. THICKNESS OF 0.012  
mm. AND CHROMATE  
PASSIVATED AS PER SPECN.  
IS:1572-1968, c.d.12.

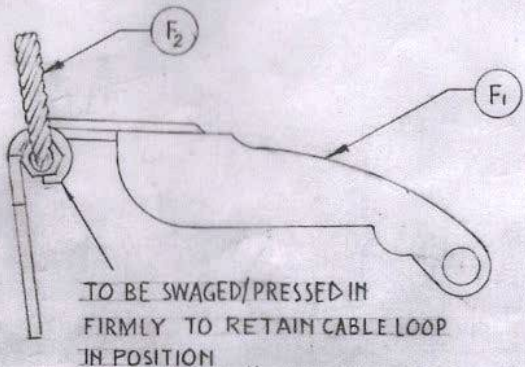
EMBRITTLMENT RELEASE:-  
COMPONENTS, AFTER  
CADMIUM PLATING AND  
PRIOR TO CHROMATE  
PASSIVATION SHALL BE  
MAINTAINED AT A TEMP. OF  
150-200°C FOR HALF AN HOUR  
TO REMOVE HYDROGEN  
EMBRITTLMENT.

TOLERANCES :- 0.2 mm EXCEPT  
OTHERWISE SPECIFIED.

RN	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO
			DRN <i>[Signature]</i> / CHD <i>[Signature]</i>	O/C DES <i>[Signature]</i>	PRO. OFFN <i>[Signature]</i>	
		FREE FALL PARACHUTE	TRD / COMP <i>[Signature]</i>	GP. DIR <i>[Signature]</i>		
			SCALE:- 2:1	DV. HD <i>[Signature]</i> 29/8/2000	APPROVED	
			DIMENSIONS ARE IN mm	<i>[Signature]</i> HEAD (C.A.)		
		CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE (BOTH MALE & FEMALE TYPE)	DESIGN AUTHORITY ADRDE AGRA			
			DRG No. ADRDE/1233(a)			
			SHEET 7 OF 15			

D.O/36/77

3-F



RELEASE LEVER WITH CABLE LOOP

1-OFF

3-F <sub>3</sub>	11	BEAD FOR CABLE LOOP	
3-F <sub>2</sub>	10	CABLE LOOP	1
3-F <sub>1</sub>	9	RELEASE LEVER	1
3-F	8	RELEASE LEVER WITH CABLE LOOP	1
DETAIL No.	SHT. No.	NOMENCLATURE	No OFF

DETAIL INDEX

RN#	DATE	AUTHORITY	BRIEF RECORD		ZONE	o/c d/s	HD(SA)
			DRN sc. sh. n.	CHD dt.	o/c d/s	DR	PROJ. OFFR. No.
			TRD	COMP. dt.	GP. DIR	<i>Pring</i>	
					DIV. HD	<i>Hann</i>	<i>29/12/2006</i>
			SCALE: 2:1		APPROVED	<i>Stuyh</i>	HEAD (Q.A)
			DIMENSIONS ARE IN MM		DESIGN AUTHORITY		
					ADRDE, AGRA.		
					DRG No.		
					ADRDE/1233(a)		
					SHEET 8 OF 15		

FREE FALL PARACHUTE

CANOPY RELEASE MECHANISM WITH CABLE LOOP (CAPEWEL TYPE) (BOTH MALE & FEMALE TYPE)



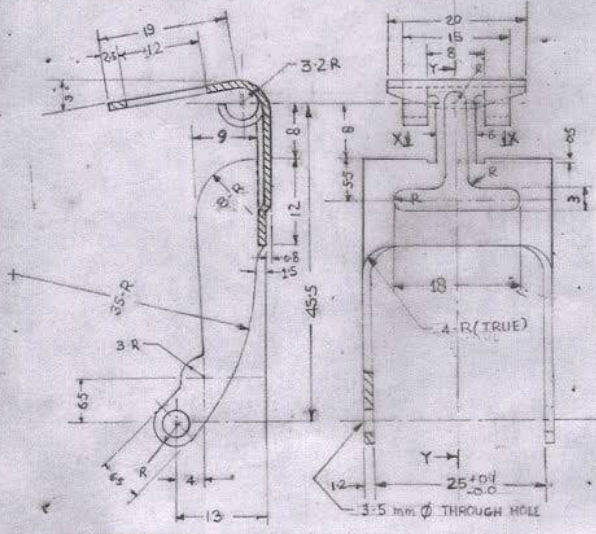
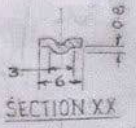
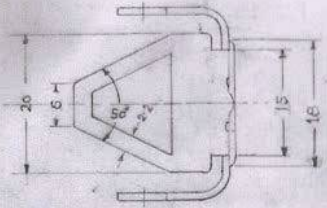
MATERIAL :- STEEL TO SPECN BS:1229-1966,  
EN-43J

HARDNESS :- 400-450 V.P.N

FINISH :- TO BE FINISHED SMOOTH, CADMIUM  
PLATED TO A MIN. THICKNESS OF 0.012mm  
AND CHROMATE PASSIVATED AS PER  
SPECN. IS:1572-1968, Cl: 12

HYDROGEN EMBRITTLEMENT :- COMPONENTS,  
AFTER CADMIUM PLATING AND PRIOR  
TO CHROMATE PASSIVATION SHALL BE  
MAINTAINED AT A TEMP. OF 150°C-200°C  
FOR HALF AN HOUR TO REMOVE HYDRO-  
GEN EMBRITTLEMENT

TOLERANCES :- ± 0.2 mm EXCEPT OTHERWISE  
SPECIFIED



SECTION - YY

RELEASE LEVER

1-OFF

			DRN. Jm.	CHD. sh	% C.D.S. RE	PRO OFF
			TRD	COMP		
					SP. DIR	
			SCALE :- 2:1		DIV. HD	
			DIMENSIONS ARE IN mm		APPROVED	HEAD (R.A.)
AUTHORITY	BRIEF RECORD	ZONE	DESIGN AUTHORITY			
			ADRDE, AGRA,			
			DRG NO.			
			ADRDE/1233 (a)			
			SHEET 9 OF			

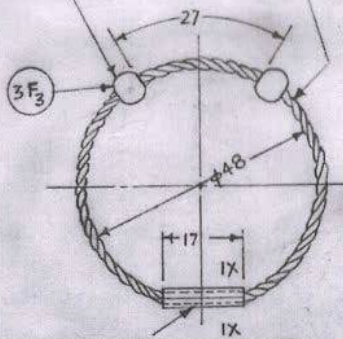
FREE FALL PARACHUTE

RY RELEASE MECHANISM WITH CABLE LOOP CAPEWELL TYPE)  
(BOTH MALE AND FEMALE TYPE)

FLEXIBLE STAINLESS STEEL  
CABLE 2.4mm  $\phi$  7x7 CONSTRUCTION,  
MIN. BS: 3925 H(400kg).

(3F2)

DETAIL TO BE  
SWAGED IN POSITION



BOTH THE ENDS OF THE WIRE ROPE  
BUT TOGETHER IN THE CENTRE OF THE  
FERRULE AND THEN FERRULE TO BE  
SWAGED IN POSITION.

WORKMANSHIP:- FERRULE AND BEAD  
TO BE SWAGED FIRMLY IN  
POSITION.

TOLERANCES:- 0.2mm EXCEPT  
OTHERWISE SPECIFIED.

FERRULE & WIRE ROPE  
MATERIAL:- AUSTENETIC STAINLESS STEEL  
TO IS: 6528 - 04 Cr 18 Ni 10



SECTION-XX  
SCALE: 2:1

CABLE LOOP  
1-OFF

R No	DATE	AUTHORITY	BRIEF RECORD	ZONE	o/c D/S MO (RA)
					PRD. OFFICER. N. K. B
FREE FALL PARACHUTE		DRN <i>Handwritten</i>	CHD <i>Handwritten</i>	o/c D/S <i>Handwritten</i>	PRD. OFFICER. N. K. B
		TRD	COMP <i>Handwritten</i>	GP DIR <i>Handwritten</i>	
				DIV. HD. <i>Handwritten</i> 29/08/2000	
		SCALE: 1:1		APPROVED	
		DIMENSIONS ARE IN mm		<i>Handwritten</i> HEAD (Q.A)	
(CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE) (BOTH MALE & FEMALE TYPE)		DESIGN AUTHORITY			
		ADRDE, AGRA			
		DRG No.			
		ADRDE/1233(a)			
		SHEET 10 OF 15			

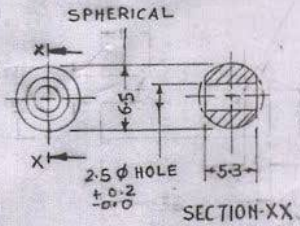
DD/136/77

3F<sub>3</sub>

MATERIAL:- AUSTENETIC STAINLESS STEEL TO IS: 6527.

FINISH:- TO BE POLISHED BRIGHT

TOLERANCES:-  $\pm 0.2$  mm EXCEPT OTHERWISE SPECIFIED.



BEAD FOR CABLE LOOP  
2-OFF

RN.	DATE	AUTHORITY	BRIEF RECORD		ZONE	CD	GO
			DRN <i>High</i>	CHD <i>or</i>	O/C DES <i>Patil</i>	PRO. OFF <i>No</i>	
			TRD	COMP <i>AB</i>	GP. DIR. <i>Patil</i>		
					DV. HD <i>Ha</i>	29/12/2000	
			SCALE:- 1:1		APPROVED		
			DIMENSIONS ARE IN mm		<i>Patil</i>	HEAD (Q. A.)	
					DESIGN AUTHORITY		
					ADRDE, AGRA		
					DRG No.		
					ADRDE/1233(a)		
					SHEET 11 OF 15		

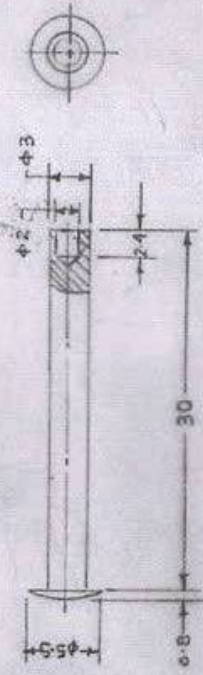
CANOPY RELEASE MECHANISM  
WITH CABLE LOOP CAPEWEL-TYPE  
(BOTH MALE & FEMALE TYPE)

00/136/77

4

MATERIAL: MILD STEEL TO  
SPECN IS: 226-1969.

FINISH: - TO BE FINISHED SMOOTH,  
CADMIUM PLATED TO A  
MIN. THICKNESS OF  
0.012 mm AND CHROMATE  
PASSIVATED AS PER SPECN.  
IS: 1572-1968, Cd-12.



TOLERANCES:  $\pm 0.2$  mm EXCEPT  
OTHERWISE SPECIFIED.

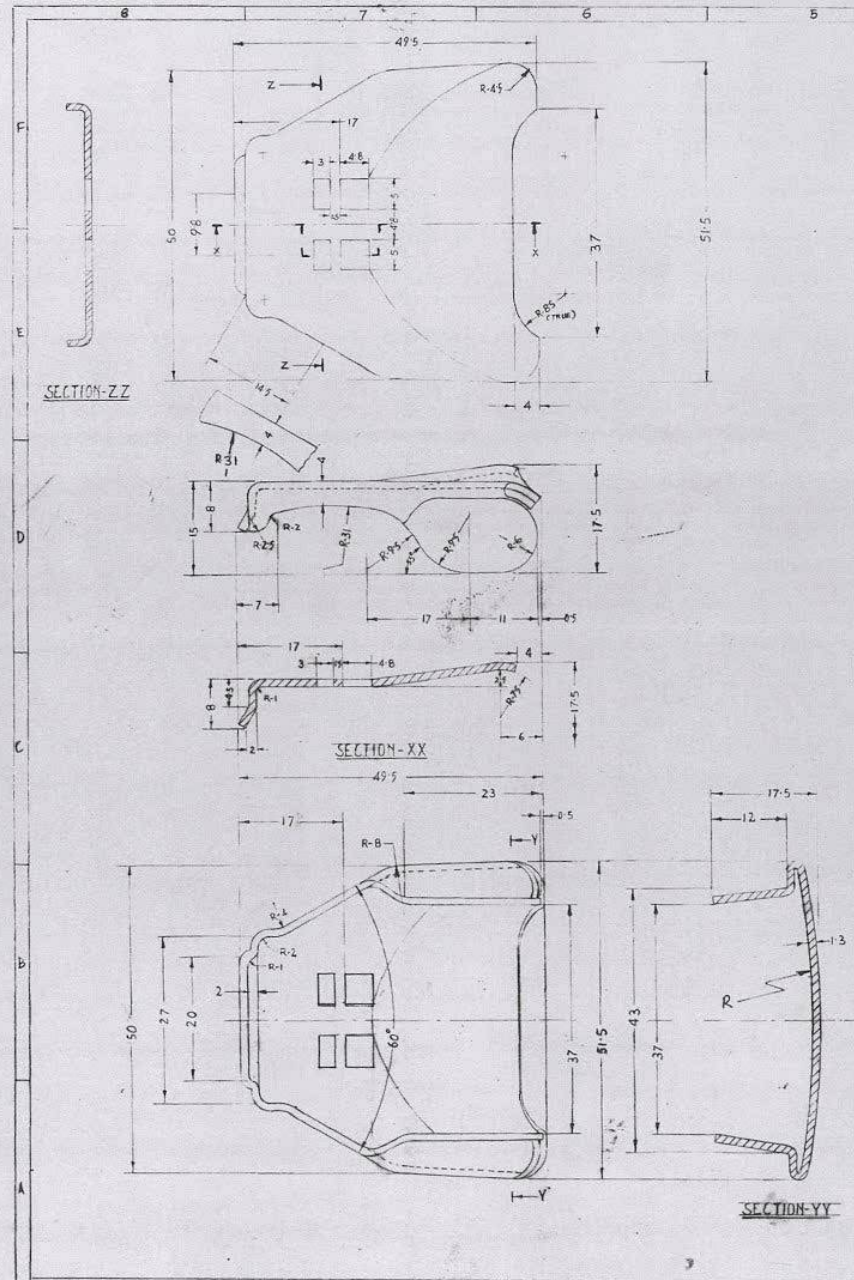
RIVET SOLID OVAL HD

1-OFF

RN. DATE	AUTHORITY	BRIEF RECORD	ZONE	%CDS	HD (GRA)
	FREE FALL PARACHUTE	DRN <i>Pring</i> CHD <i>de</i> TRD <i>COMP</i> GP. DIR. <i>Pring</i>	01C (DAS)	PRO. OFF No. <i>1000</i>	
		 SCALE: - 2:1 DIMENSIONS ARE IN MM	DIV. HD <i>How</i> 20/18/2000 APPROVED <i>Pring</i> HEAD (Q.A.)		
		CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE (BOTH MALE & FEMALE TYPE)	DESIGN AUTHORITY ADRDE, AGRA		
			DRG No. ADRDE/1233(a)		

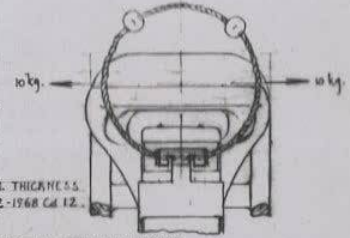
SHEET 12 OF 15

00/136/77



**PERFORMANCE TEST:-**

- (i) COVER (DETAIL No 5) WHEN REMOVED FROM UNLOCK TO LOCK POSITION MUST CLOSE AND LOCK. THE RELEASE SUB-ASSEMBLY (DETAIL No 3)
- (ii) A STATIC PULL OF 15N TO 24N (1.5 kg TO 2.4 kg) SHALL RELEASE THE COVER FROM LOCKED TO UNLOCKED POSITION.
- (iii) A MAX LOAD OF 68 N (7 kg) PULL APPLIED ON THE WIRE ROPE LOOP MUST RELEASE THE RELEASE SUB ASSEMBLY (DETAIL No 3) FROM THE BODY-MALE (DETAIL No 7)
- (iv) UNDER AN APPLIED LOAD OF 2250N (230 kg) IN THE DIRECTION Q Q AS SHOWN IN THE ASSEMBLY DRAWING (SHEET 1 OF 15) WITH THE RELEASE SUB ASSEMBLY DULY LOCKED TO THE BODY-MALE (DETAIL No 7), A MAX LOAD OF 68 N (7 kg) ON THE WIRE ROPE LOOP WILL BE REQUIRED TO RELEASE THE BODY-MALE.
- (v) EACH ASSEMBLY SHALL BE PROVE LOADED TO 2220N (227 kg) STATIC AS INDICATED BY ARROWS IN ASSEMBLY DRAWING (SHEET 1 OF 15) P P AND Q Q (TWO SEPARATE PROVE LOADS). LOAD TEST OF WIRE LOOP IS ALSO TO BE CARRIED OUT AT 10 kg LOAD AS SHOWN IN SHEET 1 OF 15



**MATERIAL:-** STEEL TO SPECN. B.S. (449)-1956, EN-43J.

**HARDNESS:-** 400 TO 450 V P N

**FINISH:-** TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012MM AND CHROMATE PASSIVATED AS PER SPECN. IS:1572-1968 Cl 12.

**EMBRITTLMENT RELEASE:-** COMPONENTS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150° TO 200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.

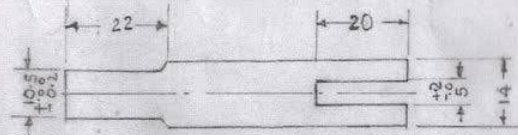
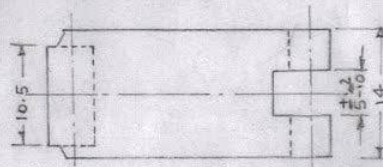
**TOLERANCES:-** ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

**COVER GUARD**  
1-OFF

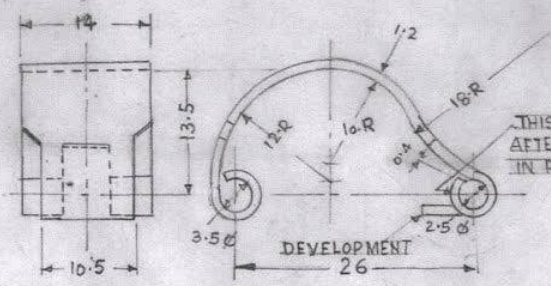
DR No	DATE	AUTHORITY	BRIEF RECORD	ZONE	pk	D/S	HD	GR

DRN 5-R	CHD	OK	BYC D/S	OK	PRO. OFF	
TRD	COMP					
		SCALE: 2:1 DIMENSIONS ARE IN mm.				
DESIGN AUTHORITY ADRDE, AGRA						
DRG. No. ADRDE/1233(a)						
SHEET 13 OF 15						

**FREE FALL PARACHUTE**  
**(CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE)**  
**(BOTH MALE AND FEMALE TYPE)**



DEVELOPMENT



COVER GUARD

1-0FF

**MATERIAL:** STEEL TO SPECN. BS:1449-1956, EN-43 J

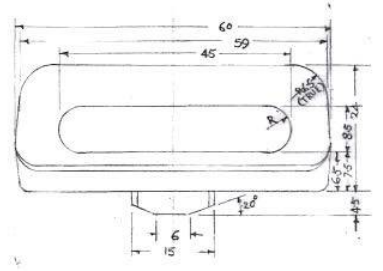
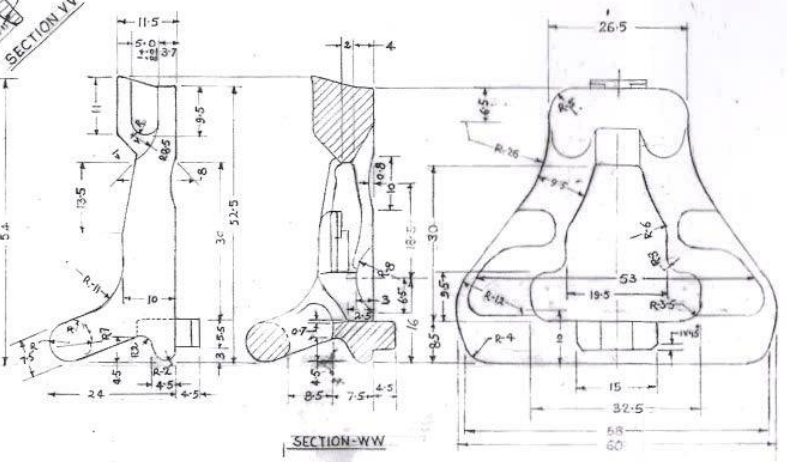
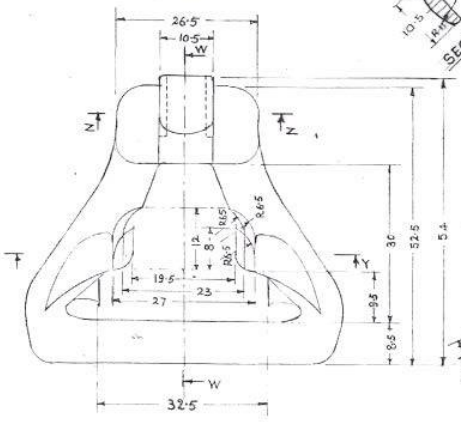
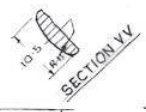
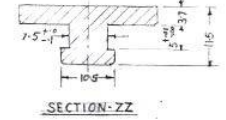
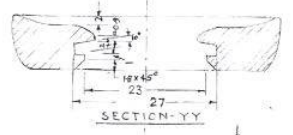
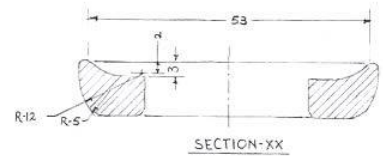
**HARDNESS:** HV 400 TO 450

**FINISH:** TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.12 mm AND CHROMATE PASSIVATED AS PER SPECN. IS:1572-1968, cd12

**EMBRITTLMENT RELEASE:** COMPONENTS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150°-200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.

**TOLERANCES:** ±0.2 mm EXCEPT OTHERWISE SPECIFIED.

						DRN	CHD	e/c D & S	PROOF
						TRD	COMP		
R.No	DATE	AUTHORITY	BRIEF	RECORD	ZONE	SCALE: 2:1 & 1:1			
						DIMENSION IN mm			
<p>FREE FALL PARACHUTE (CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPEWEL TYPE) (BOTH MALE &amp; FEMALE TYPE)</p>									
								GP. DIR	
								DIV. HD	29/11/2000
								APPROVED	
								HEAD (R/A)	
								DESIGN AUTHORITY	
								ADRDE, AGRA	
								DRG. No.	
								ADRDE/1233 (a)	
								SHEET 14 OF 15	
								00/136/77	



BODY MALE  
1-OFF

**MATERIAL:-** STEEL BIT M-40 TO SPECN BS. 970. PT.2 1970  
**HARDNESS:-** 350 TO 400 HRC  
 400-440 VHN  
**FINISH:-** TO BE FINISHED SMOOTH CADMIUM PLATED TO A MIN. THICKNESS OF 0.025 MM AND CHROMATE PASSIVATED AS PER SPECN IS:1973-1980, CA. 13.  
**EMBRITTLMENT RELEASE:-** COMPONENTS AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMPERATURE OF 150 TO 200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.  
**TOLERANCES:-** ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

DRN 65	CHD 20	PKD'S 11	PRAJ. OFFR. 11
TRD	COMP 10	GP.DIR	
		DIV. HD	
		APPROVED	
			HD(OA)
SCALE: 1:2:1			
DIMENSIONS IN mm			
a 8.1.16 PAS/224/OPF/50 AMENDED HARDNESS AS PER CHANGE SHEET G4 RUN DATE AUTHORITY BRIEF RECORD ZONE PKD'S/HUD/04			
FREE FALL PARACHUTE (CANOPY RELEASE MECHANISM WITH CABLE LOOP CAPE WEL TYPE) (BOTH MALE AND FEMALE TYPE)			
DESIGN AUTHORITY ADRDE, AGRA DRG.No. ADRDE/1233(M) SHEET 15 OF 15			