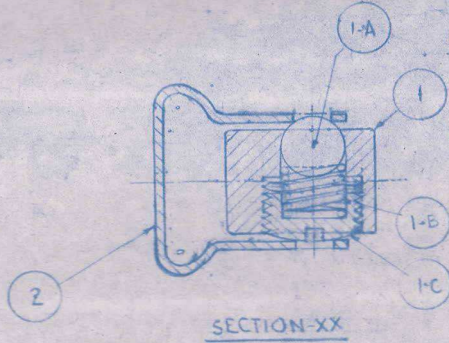


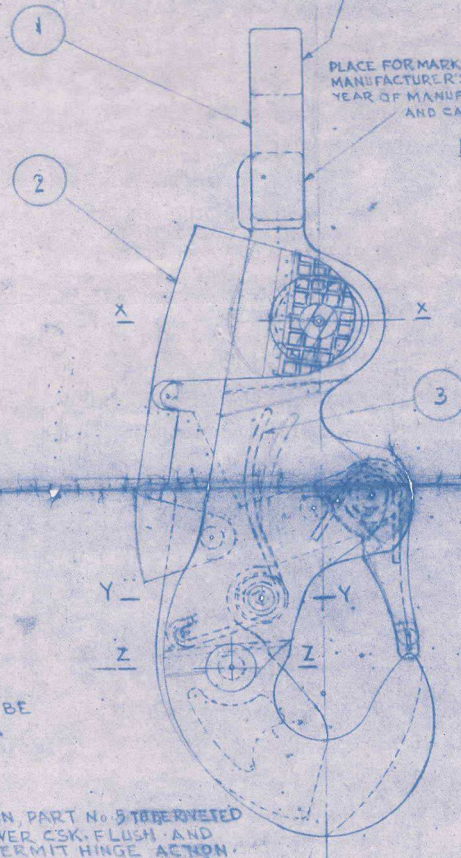
PROOF LOAD - 11180 N (1140 KG)

PERFORMANCE TEST: - PULL RELEASER TO LIFT LEVER FROM BALL WITHOUT LOAD FOR 26 HOURS. MAX. LEVER WILL SET ON BALL WITH PUSH OF 700 N (70 KG) MAX. SNAPS SHALL BE CAPT. BY THE BALL SHOWN LOCK ON A BALL WITH FULL SWING SHUT.



PLACE FOR INSPECTION MARKING

PLACE FOR MARKING MANUFACTURER'S INITIALS, YEAR OF MANUFACTURE AND CAT. NO.

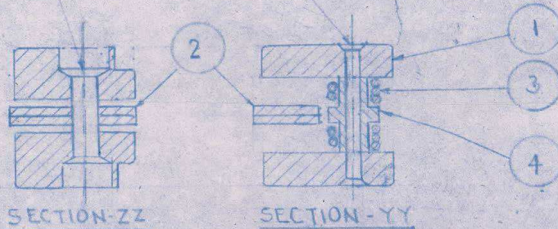


PACKING: - EACH HOOK SNARE QUICK EJECTOR SHALL BE WRAPPED IN TISSUE PAPER AND 10 NOS. THUS WRAPPED BE PACKED IN A SUITABLE CARTON. 50 NOS. OF SUCH CARTONS SHALL BE PACKED IN A C.W.P. (DULY LINED WITH PAPER PACKING WATER PROOF). ONE SAMPLE IN EACH CARTON SHALL BE IDENTIFIED BY A LABEL SHOWING CAT. NO., DESIGNATION OF THE STORE AND ALSO THE RECOGNISED INITIALS OF THE MANUFACTURER'S. EACH CARTON SHALL BE MARKED WITH THE INITIALS OF THE MANUFACTURER.

- BEFORE DESPATCH EACH PACKING CASE SHALL BE LEGIBLY AND INDELIBLY MARKED WITH THE FOLLOWING DETAILS: -
- (i) NOMENCLATURE, CAT. NO. OF THE STORE AND THE YEAR OF MANUFACTURE.
  - (ii) TOTAL No. OF THE PACKING CASES AND THE NUMBER OF THE INDIVIDUAL PACKING CASE IN A CONSIGNMENT.
  - (iii) No. OF CARTONS IN EACH PACKING CASE AND THE QTY. IN EACH CARTON.
  - (iv) MASS OF THE PACKING CASE IN KG.
  - (v) ADDRESS OF THE CONSIGNEE.
  - (vi) ADDRESS OF THE CONSIGNOR.

PIN PART No. 6 TO BE RIVETED OVER CSK.

PIN PART No. 5 TO BE RIVETED OVER CSK. FLUSH AND PERMIT HINGE ACTION.



ASSEMBLY

DETAIL INDEX

DETAIL / PART No.	SHEET No.	NOMENCLATURE	No. OFF
-	1	ASSEMBLY PERFORMANCE TEST, PACKING CLAUSE	-
1	2	HOOK BODY	1
1-A	3	SPHERICAL BALL	1
1-B	4	SPRING	1
1-C	3	SCREWED CAP	1
2	5-9	CLIP	1
3	10	B SPRING LARGE	1
4	10	PIN SLEEVE	1
5	1	PIN STEEL 1.6 mm Ø (CADMIUM PLATED) TO IS: 146	1
6	1	PIN STEEL 2.5 mm Ø (CADMIUM PLATED) TO IS: 146	1

COUNTERSIGNED	DATE	NAME
DGN		
DRN		
CHD	24/7	
TRD		
COMP		
AP/DR	16-3-79	
PROFFER		

SCALE - 2:1

FREE FALL PARACHUTE  
HOOK SNARE QUICK EJECTOR  
(FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION

APPROVED

PROV. Cat (b)  
DRG. No. AD/DE/1210



(1A)



SPHERICAL BALL 1-OFF

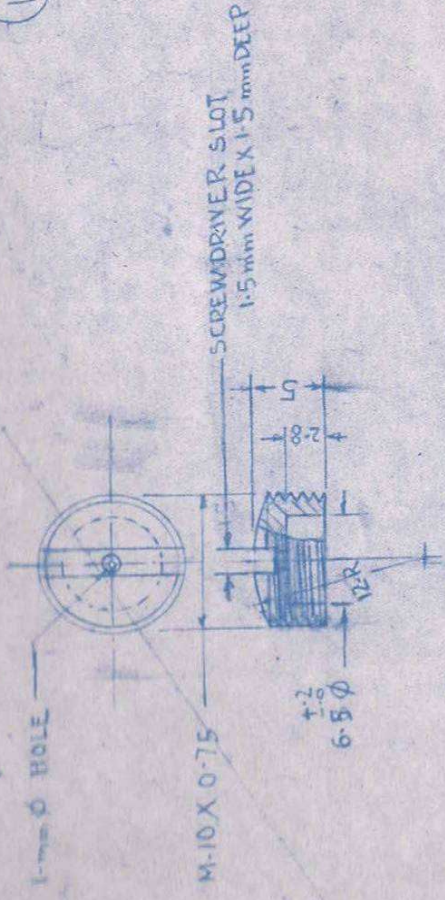
MATERIAL: - HIGH CARBON CHROMIUM ALLOY  
STEEL 20 ALLIN 50 A

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

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED <i>S. K. Singh</i> OR C FRD DIR.
PROV. (b) <i>S. K. Singh</i>
DRG. No. ADDRDE/11/10

DO/12/177

(1B)



SCREWED CAP 1-OFF

MATERIAL: - RUST ACID AND HEAT RESISTING STEEL WIRE TO  
SPECN. B.S: 1554-1949  
OR MILD STEEL TO SPECN. IS: 226-1969

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

TOLERANCES: ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

FREE FALL PARACHUTE  
(HOOK SNAP QUICK EJECTOR)  
(FOR PERSONNEL PARACHUTE)

COUNTERSIGNED	DGN.	DATE	NAME
	DRN		
	CHD	1-11-58	
	TRD		
	COMP		
	PRO-OFFR	16-3-59	
SCALE: 1:2:1			

COLL.  
DIRECTOR,  
ADDRDE, AGRA.

1-B

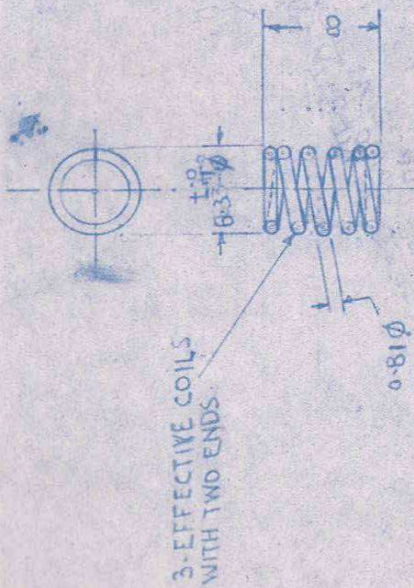
MATERIAL - STEEL SPRING WIRE TO SPECIFICATION 1005-1968  
 B.S. 1408M - 1; 0.81 mm  $\phi$   
 HARDNESS

SPRING RATE -  $3 \pm 0.25$  Kg.

FINISH - TO BE FINISHED SMOOTH, CADMIUM PLATED  
 TO A MINIMUM THICKNESS OF 0.012 mm AND  
 CHROMATE PASSIVATED AS PER SPEC. 151572-1968  
 Cd 12.00 mm (0.472 in) (0.0025 mm (0.1 in))

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

TOLERANCES -  $\pm 0.2$  mm EXCEPT WHERE OTHERWISE SPECIFIED



SPRING  
 1-OFF

COUNTERSIGNED	DATE	NAME
	DGN	
	DRN	
	CHD	
	TRD	
	COMP	
	IND/DO	
PRO/DFR		
SCALE - 2:1		

COL.  
 DIRECTOR,  
 ADRDE, AGRA

FREE FALL PARACHUTE  
 (HOOK SNAP QUICK EJECTOR)  
 (FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED
PROV. DIR.
DRG No. ADRDE/1210 (b)

DO/127/77

Dwg No. ADPDE/1210P  
 APPROVED  
 THIRD ANGLE PROJECTION

HOOK SNAP QUICK EJECTOR  
 (FOR PERSONNEL PCHUTE)

SCALE: 2:1

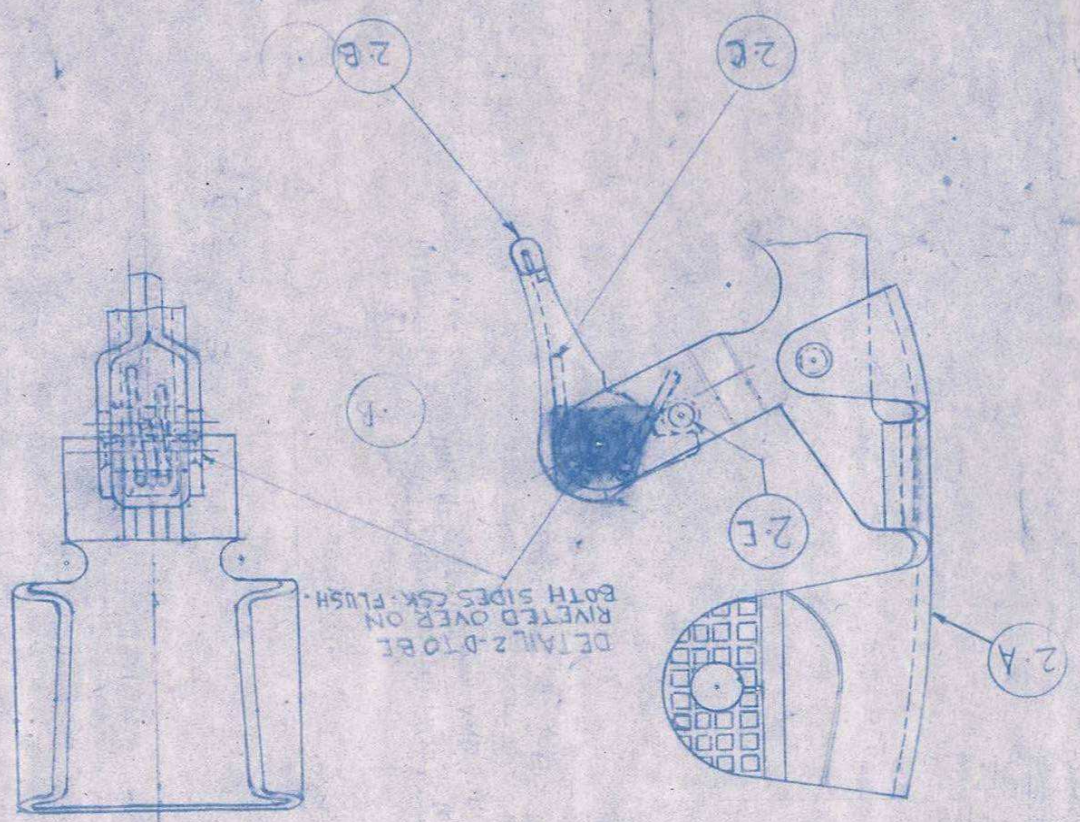
DATE	
NAME	
DGN	
DRN	
CHD	10-1-79
TRD	
COMP	
G.O.O	10-1-79
PROFFR	

DIRECTOR  
 ADPDE, AGRA  
 COUNTERSIGNED

DETAIL/PART No.	SHEET No.	NOMENCLATURE	No. OFF.
2	5	CLIP (SUB-ASSEMBLY)	1
2-A	6	CLIP BODY	1
2-A1	6	PIN STEEL, 1.5mm Ø TO 15:	1
2-A2	6	PIN STEEL, 2mm Ø TO 15:	1
2-B	7	PRESS CLIP	1
2-C	8	SPRING FOR PRESS CLIP	1
2-D	9	SPACER LARGE	1
2-E	9	SPACER SMALL	1

DETAIL INDEX

CLIP (SUB-ASSEMBLY) 1-OFF





2.B

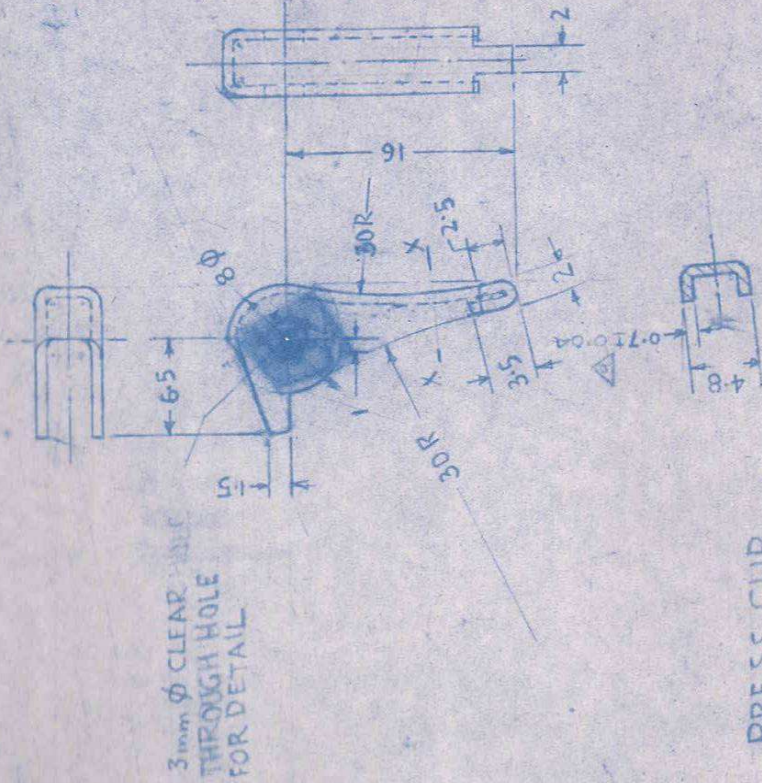
MATERIAL: SPRING STEEL TO B.S. 1449 - EN - 42B

HARDNESS: 400 TO 450 VHN

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

EMBRITTLMENT RELEASE: CLIPS, 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:  $\pm 0.2$  mm EXCEPT WHERE OTHERWISE SPECIFIED.



Q 27/62K PAS/222/A/23 TOLERANCE 0.04 INCLUDED  
R.No. DATE AUTHORITY IS RIF RECORDED

THIRD ANGLE PROJECTION

DIMENSIONS IN MILLIMETRES

APPROVED

PROV. DRG. No. ADRDE/1210(B)

FIRE FALL PARACHUTE  
(HOOK SNAP QUICK EJECTOR)  
(FOR PERSONNEL PARACHUTE)

COUNTER SIGNED	DATE	NAME
DGN		
DRN		
CHD		
TRD		
COMP		
PRO. OFFR.	16.3.68	

SCALE: 2:1

DIRECTOR,  
ADR DE, AGRA

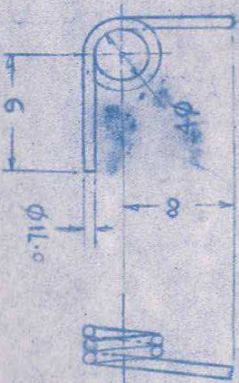
2-C

STAINLESS STEEL WIRE  
GRADE: AISI 302  
MATERIAL: STEEL SPRING WIRE TO SPECN. B5:1498 M: 2:0-741 mm.  
HARDNESS: 202

FINISH: TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS:1572-1968 Cd12.

EMBRITTLMENT RELEASE: - SPRINGS, AFTER CADMIUM PLATED AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150-200°C FOR NOT LESS THAN HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.

TOLERANCES: ±0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.



SPRING FOR PRESS CLIP

1-OFF

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED
PROV. DRG. No. ADRDE/1210 (b)

PRELIMINARY PROTOTYPE  
(HOOK SNAP QUICK EJECTOR)  
(FOR PERSONNEL PARACHUTE)

COUNTER-SIGNED	DATE	NAME
DGN		
DR. H.		
CHD		
TRD		
COMP		
MG/CO		
PROV. DIR		
SCALE: 2:1		

COL. DIRECTOR, ADRDE, AGRA

00/127/77

(2-D)

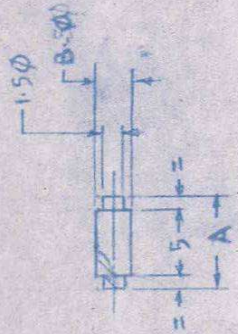
(2-E)

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

HARDNESS: 200-220 V.P.N.

FINISH:-- TO BE FINISHED SMOOTH AND MILD STEEL COMP TO RECAGMOMA  
PLATED TO A MIN THICKNESS OF 0.012 MM AND CHROMATE  
PASSIVATED AS PER SPECN. IS: 1572-1968, Cd 12

TOLERANCES: ±0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.



SPACER LARGE --- DETAIL  
SPACER SMALL --- --- DETAIL

TABLE OF DIMENSIONS

DETAIL No	A	B-Ø	Nb OFF
2D	8.5	3	1
2E	7	2.5	1

COUNTER SIGNED	DATE	NAME

DIRECTOR,  
ADRDE, AGRA

SCALE: 2:1

THIRD ANGLE PROJECTION

DIMENSIONS IN MILLIMETRES

APPROVED

*(Signature)*  
PRCDR.

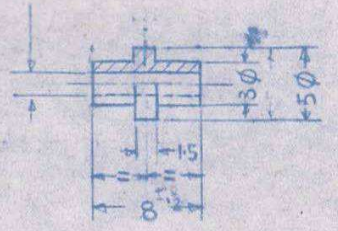
PROV.

DRG. No. ADRDE/1210(b)

FREE FALL PARACHUTE  
(HOOK SNAP QUICK EJECTOR)  
(FOR PERSONNEL PARACHUTE)

4

1-6 mm  $\phi$  HOLE IN HOLE FOR PIN, PART NO.

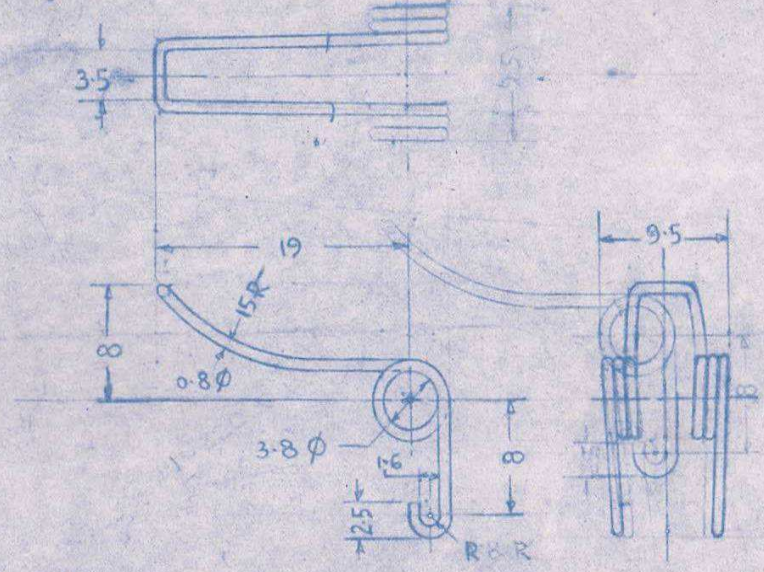


PIN SLEEVE 1-OFF

MATERIAL: - MILD STEEL TO SPECN. IS: 226-1969 OR STAINLESS STEEL  
HARDNESS: - 200-220 V.P.N.  
FINISH: - TO BE FINISHED SMOOTH AND MILD STEEL COMP. TO BE CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572-1968, cd12.

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

3



U SPRING LARGE 1-OFF

MATERIAL: - STEEL SPRING MUSIC WIRE TO SPECN. B.S. 1408 M: 2.0-813 mm OR STAINLESS STEEL WIRE GRADE AISI 302  
FINISH: - TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572-1968, cd12.  
EMBRITTLMENT RELEASE: - SPRINGS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150-200°C FOR NOT LESS THAN 16 HOURS TO REMOVE HYDROGEN EMBRITTLING.  
TOLERANCES: -  $\pm 0.2$  mm EXCEPT WHERE OTHERWISE SPECIFIED.

COUNTERSIGNED	DATE	NAME
DGN		
DRN		
CHD	12/1/77	✓
TRD		
COMP		
GOV	16-5/77	✓
PROFFER		
SCALE: 2:1		

FREE FALL PARACHUTE  
 (HOOK SNAP QUICK EJECTOR)  
 (FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED
PRO. DIR. [Signature]
PROV. [Signature]
DRG. No. ADPDE/1210 (15)

00/12/77