


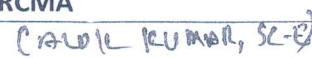
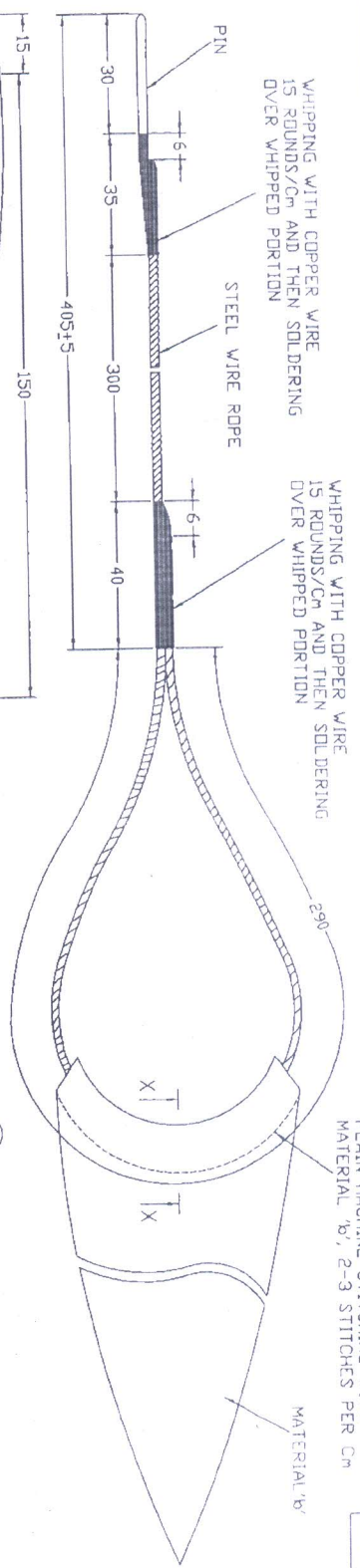


CHANGE SHEET No. 68		DRAWING CHANGE SHEET		AFFECTED DRG. NO. 1.3.01-11(a)
DATE: 28/02/2020		DRAWING TITLE: RIP CORD WITH PIN BRAKE PARACHUTE (HYBRID) 17 SQM		NEW DRG. NO. 1.3.01-11(b)
SL. No.	SHEET NO. & LOCATION	EXISTING	AMENDED	REASON
1.	01 OF 01 7B	COLD DRAWN SPRING STEEL MUSIC WIRE Ø2.34 MM SPEC NO: BS:1408-M 1954 TENSILE RANGE-2	SPRING STEEL WIRE Ø2.34 MM SPEC NO.: IS:4454- 2001, PART 1,SM	SPECIFICATION OBSOLETE. MATTER DISCUSSED IN CCB MEETING DATED 17.01.2020
PREPARED BY  (ANIMESH SINGH, TO 'A') INITIATING OFFICER		APPROVED BY  (VIVEK AGRAWAL, Sc 'F') PROJECT DIRECTOR		CO — ORD. BY  06/03/20 RCMA 
AERIAL DELIVERY RESEARCH AND DEVELOPMENT ESTABLISHMENT MINISTRY OF DEFENCE AGRA CANTT				



PACKING:-

EACH RIPCORD WITH PIN SHALL BE WRAPPED IN A TISSUE PAPER AND 20Nos. THUS WRAPPED BE PACKED IN A SUITABLE CARTON. 10 SUCH CARTON SHALL BE PACKED IN A C.W.P. DULLED LINED WITH A PAPER PACKING WATER PROOF ONE SAMPLE IN EACH CARTON SHALL BE IDENTIFIED BY A LABEL SHOWING NOMENCLATURE, CAT. NO. OF THE STORE AND THE TRADE MARK DETAILS OF THE MANUFACTURER AND THE YEAR OF THE MANUFACTURE.

EACH CARTON SHALL BE MARKED WITH THE INITIALS OF THE MANUFACTURER BEFORE DESPATCH.

THE FOLLOWING DETAILS:-

1. NOMENCLATURE, CAT. NO. OF THE STORE AND YEAR OF THE MANUFACTURE.
2. TOTAL NO. OF PACKING CASES AND THE NO. OF INDIVIDUAL PACKINGS IN A CONSIGNMENT.
3. NO. OF CARTONS IN A EACH PACKING CASE AND THE QUANTITY IN EACH CARTON.
4. MASS OF PACKING CASE IN KG.
5. ADDRESS OF THE CONSIGNEE.
6. ADDRESS OF THE CONSIGNOR.

DEVELOPMENT OF MATL. 'A'

MATERIAL:- STEEL WIRE ROPE
(a) NON CORRODIBLE STEEL WIRE ROPE (PERFORMED) 2mm, 7x7 CONSTRUCTION MIN. BRAKING LOAD 2450N (250Kg)

PIN :- (b) COLD DRAWN SPRING STEEL MUSIC WIRE Ø2.34mm TD
SPECN. BS:1408-M, 1964 TENSILE RANGE-2

FINISH:- TO BE FINISHED SMOOTH, CHROMIUM PLATED TO A MIN. THICKNESS OF 0.012mm & CHROMATE PASSIVATED AS PER SPECN. No. IS:1572-1968 ed-12

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

PERFORMANCE TEST:-
PIN JOINT AFTER BEING SWAGED IN POSITION SHALL WITHSTAND A PULL OF 490N (50Kg)

GEN.TOL.:-
±0.2mm EXCEPT SPECIFIED OTHERWISE.

Rev.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	D T/C	HEAD
					DRS	SA

S.No.	DESCRIPTION	QTY	UNIT	REMARKS
a	FABRIC NYLON 37gm DRANGE			
b	THREAD SEWING NYLON BONDED BS. 4.5KgF			
c	RIP CORD WITH PIN			

SCALE:- 1:1.21	ADDRESS	DRN	RAWI	PROJ. OFFER
DIMENSIONS IN mm	GROUP:- ABS	CHD	NIROTI	GR. DIR.
TOL.:- AS ABOVE				D T/C DRS

MATERIAL:- AS ABOVE	FINISH:- AS ABOVE	HEAT TREATMENT:-	APPROVED
RIP CORD WITH PIN			DRG. No. <i>13.01-11(a)</i>
BRAKE PARACHUTE (17 Sqm) HYBRID			

SECTION 'X-X'
SCALE 2:1
L. M. K.