

CHANGE SHEET No. 60		DRAWING CHANGE SHEET		AFFECTED DRG. NO. ADRDE/282(c)
DATED 30/11/2018		DRAWING TITLE: RIP CORD LARGE & RIP CORD SMALL BRAKE PARACHUTE FOR VIJAY/RAKSHAK/GARUD AIRCRAFT		NEW DRG. NO. ADRDE/282(d)
SL. No.	SHEET NO. & LOCATION	EXISTING	AMENDED	REASON
1.	2 OF 4	MATERIAL: COLD DRAWN SPRING STEEL MUSIC WIRE TO SPECN BS:1408-M, 1964, TENSILE RANGE-2	MATERIAL: SPRING STEEL WIRE TO SPEC NO. IS:4454 PART 1, GRADE-2	REFER OPF(K) LETTER NO. CF-1736/SPECN/T DATED 14.09.2018 MENTIONING THAT SPECIFIED MATERIAL NOT AVAILABLE.
PREPARED BY <i>A.V. Singh</i> 30/11/18 (ADARSHVIR, Sc 'C') INITIATING OFFICER		APPROVED BY <i>(Signature)</i> (VIVEK AGRAWAL, Sc 'F') PROJECT DIRECTOR		CO ORDINATED BY <i>(Signature)</i> RCMA (K)
AERIAL DELIVERY RESEARCH AND DEVELOPMENT ESTABLISHMENT MINISTRY OF DEFENCE AGRA CANTT				

for number 11/2/19

1128
01.2

for section

112/19

ISSUED ON 8/15/15, BY ABIZOLE

SECRET

Technical drawing of a wire rope end fitting, showing a side view and a cross-section labeled "SECTION A-A".

Side View Dimensions:

- Overall length: 52
- Distance from handle to rope: 53
- Distance from rope to end: 13
- Distance from end to trim: 21
- Distance from trim to end: 23.5
- Distance from handle to rope: 32
- Distance from rope to end: 17
- Distance from end to trim: 2

Labels:

- HANDLE MATERIAL A
- WIRE ROPE B
- TO BE SWAGED POSITION
- TRIM WIRE R. END FISH
- PRE-SEAL IN.

SECTION A-A

MATERIAL

(2) WIRE ROPE - GALVANIZED STEEL WITH 19X7
PREFORMED 2mm Ø, 1X7 CONSTRUCTION,
MIN. BREAKING LOAD, 2450 N (250 kg)

CHANDLER - SUITABLE PLASTIC.

33

PACKING

EACH PRODUCT HANDLE SHALL BE WRAPPED IN TISSUE PAPER AND NOT THIS WRAPPED AT DANGER IN A CONTAINER SUCH CARTONS SHALL BE PACKED IN A CARTON FULLY LINED WITH PAPER PACKING WATER-PROOF ONE SAMPLE IN EACH CARTON SHALL BE IDENTIFIED BY LABEL SHOWING THE NAME OF THE MANUFACTURER AND THE TRADE MARK/INITIALS OF THE MANUFACTURER AND THE YEAR OF THE MANUFACTURE.

EACH CARTON SHALL BE MARKED WITH THE INITIALS OF THE MANUFACTURER, RECORD DEDUCTION EACH PACKING CASE SHALL BE LIBRETT AND INDIVIDUALLY MARKED WITH THE FOLLOWING DETAILS:-

IN INK OR PENCIL, GIVE THE NAME AND THE YEAR OF INVENTION OF THE INDIVIDUAL IN TOTAL NO. OF PACKS, CASES AND THE NUMBER OF THE INDIVIDUAL

PACKING CASE IN A CONSIDERABLE

THE NO. OF CONTAINERS IN EACH PACKING CASE AND THE QUANTITY IN EACH CONTAINER OF THE PACKING CASE IN NO.

Y	1	CO-2
X	2	CO-2
W	3	CO-2
V	4	CO-2
U	5	CO-2
T	6	CO-2
S	7	CO-2
R	8	CO-2
Q	9	CO-2
P	10	CO-2
O	11	CO-2
N	12	CO-2
M	13	CO-2
L	14	CO-2
K	15	CO-2
J	16	CO-2
I	17	CO-2
H	18	CO-2
G	19	CO-2
F	20	CO-2
E	21	CO-2
D	22	CO-2
C	23	CO-2
B	24	CO-2
A	25	CO-2

DEPT. OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D. C.

HE INJECTION	NUMBER OF AT 0.8	NUMBER
1	ASSEMBLY PAPER 1.00	1
2	PER	1
3	FERTILE	1
4	PERFORMANCE TEST	1

TABLE OF DIMENSIONS

RIP COND. SURVEY	A
1830	
1835	
RIP COND. SURVEY	

2008/04/24

BRAKE PARACHUTE FOR

THE

PLATE 1

RECORDS (SMALL)

SHEET 2 OF 4

E 2
VIDE CHANGE SHEET NO: 60 dtd 30.11.18

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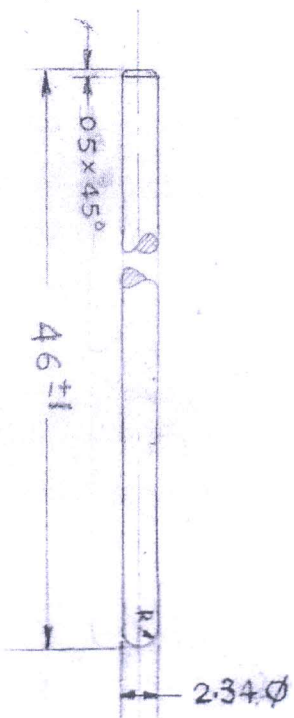
MATERIAL - COLD DRAWN SPRING STEEL MUSIC WIRE TO SPECN
B-S1402 M. 1964, TENSILE RANGE -2

FINISH

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

EMBRITILEMENT RELEASE. PING 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
EMBRIITLEMENT.



07

103

10/10/99

BRAKE PARACHUTE FOR

VIJAY/RAKSHAK / GARDIAN AIRCRAFT
(RIP CORD LARGE)
(RIP CORD SMALL)

[illegible]

3rd
 3rd FLOOR, ADDRESS 282
 SCIENTIST-C
 (C) (b) (4)
 282

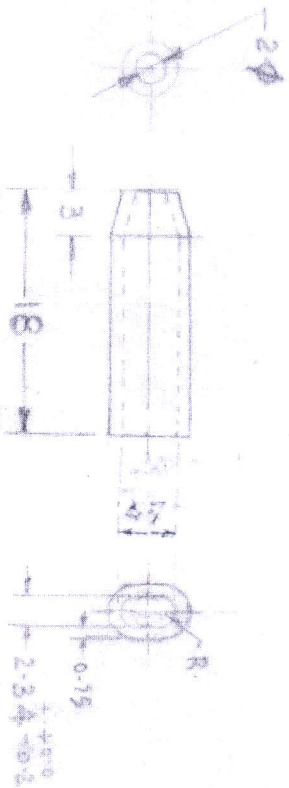
DO/123/83

MATERIAL: STEEL 302 S 25 OR

221 S 20 TO SPEC. NO. BS 970, Pt. 4, 1970

FINISH: POLISHED BRIGHT

TOLERANCES: ± 0.2 mm EXCEPT WHERE
OTHERWISE SPECIFIED.



FERRULE

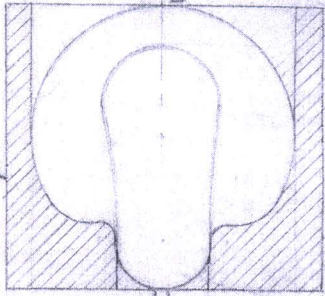
1-OFF

Proctor

(S. Gupta) Scientist F (RIPD, ASRA)		Date: 2.1.1
(S. Gupta) (RIPD, ASRA)	Date: 2.1.1	Date: 2.1.1

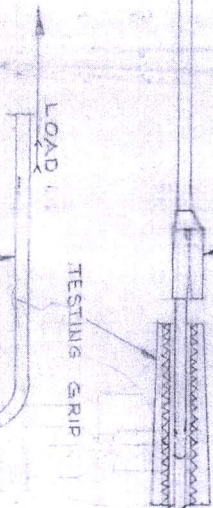
BRAKE PARACHUTE
FOR
VIJAY/RAKSHAK/TEJARUD AIRCRAFT
(RIPCORD LARGER)
(RIPCORD, SMALLER)

(S. Gupta) (RIPD, ASRA)	Date: 2.1.1
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CROSS SECTION
OF GRIP

TEST-1



PINJOINT, WHEN TESTED AS INDICATED SHALL WITH STAND A PULL OF 490N (50KG) WITHOUT SHOWING ANY SIGN OF FATIGUE/FAILURE

-SUITABLE PADDING
TO BE PROVIDED TO
AVOID GRID INTERFERENCE

DRILL HOLE
FOR PIN

Q

PIN, WHEN TESTED AS INDICATED SHALL WITHSTAND A LOAD OF 30N (3kg) WITHOUT TAKING A PERMANENT SET

SOFT METAL BLOCK
HELD IN FIXED POSITION

PERFORMANCE TEST

[illegible]