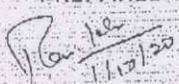
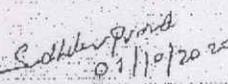
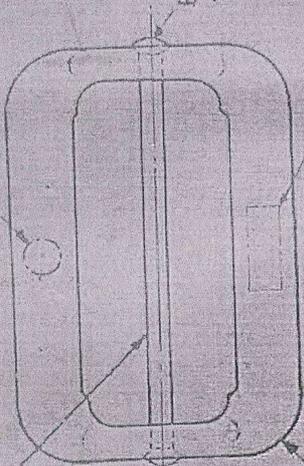


CHANGE SHEET No. 288	DRAWING CHANGE SHEET			AFFECTED DRG. NO. ADRDE/195 (a)
DATED 01/10/2020	DRAWING TITLE: AIRCREW PARACHUTE BACK/CHEST TYPE MK-I (LIFT WEB SPACER)			NEW DRG. NO. ADRDE/195 (b) SHEET 1 OF 1
Sl. No.	SHEET NO./ LOCATION	EXISTING	AMENDED	REASON
1.	Sheet 2 of 2	Material: Gold Drawn Spring Steel Wire to Specn: 1408-M-1964	Material: Steel Wire for Mechanical Spring as per IS: 4454 (Part-I): 2001,SH	As decided in CCB meeting held at RCMA on 23.06.2020
PREPARED BY  (Ravi Krishna, Sc 'D')		APPROVED BY  (Sudhakar Prasad, Sc 'E')		VETTED BY  RCMA (K)
AERIAL DELIVERY RESEARCH AND DEVELOPMENT ESTABLISHMENT MINISTRY OF DEFENCE AGRA CANTT				

PROOF LOAD: (1140 kg) 100% OF EACH ASSEMBLY.

PLACE FOR INSPECTION MARKING.



BOTH ENDS OF PIN TO BE SNAPPED.

PLACE FOR MANUFACTURERS INITIALS YEAR OF MANUFACTURE AND CAT NO.

ASSEMBLY.

PACKING:- EACH COMPONENT SHALL BE WRAPPED IN TISSUE PAPER AND 25 Nos. THUS WRAPPED BE PACKED IN A SUITABLE CARTON. IN SUCH CARTONS SHALL BE PACKED IN A C.W.P. (DULY LINED WITH PAPER PACKING WATER-PROOF). EACH CARTON SHALL BE MARKED WITH THE INITIALS OF THE MANUFACTURERS 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 NO. OF THE INDIVIDUAL PACKING CASE IN A CONSIGNMENT.
- (iii) NO. OF CARTONS IN EACH PACKING CASE AND THE QUANTITY IN EACH CARTON.
- (iv) MASS WEIGHT OF THE PACKING CASE IN KG.
- (v) ADDRESS OF THE CONSIGNEE.
- (vi) ADDRESS OF THE CONSIGNOR.

DETAIL INDEX

DETAIL NO.	SHEET NO.	NOMENCLATURE	No. OF
-	1	ASSEMBLY, PACKING CLAUSE	-
1	2	RING	1
2	2	PIN	1

AIRCREW PARACHUTE BACK / CHEST TYPE M-I

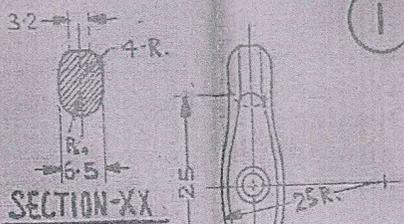
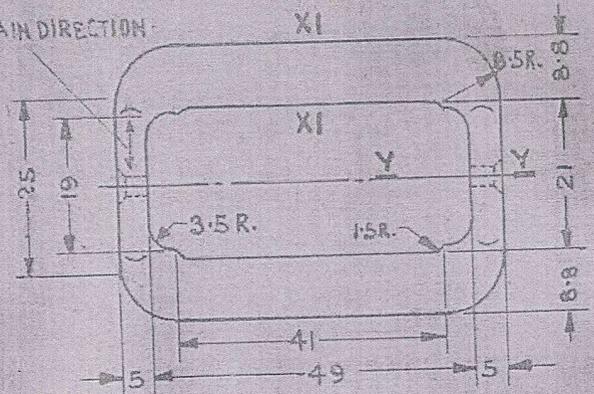
(LIFT WEB SPACES)

COUNTERSIGNED	DATE	NAME
	DGN	W. R. KHANNA
BY DIRECTOR, ADDE, AGRA.	DIRN	W. R. KHANNA
	CHD	W. R. KHANNA
BY DIRECTOR, ADDE, AGRA.	TRD	W. R. KHANNA
	COMP	W. R. KHANNA
BY DIRECTOR, ADDE, AGRA.	AD/DO	W. R. KHANNA
	PROBES	W. R. KHANNA
SCALE 5:1		

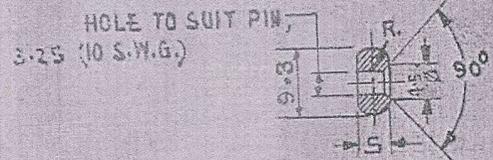
APPROVED. *[Signature]*
D.V. D.R. (DEV)

PROV. DRG. NO. 40.004/192 (G)

GRAIN DIRECTION



1



SECTION-YY

RING

1-OFF

MATERIAL: AIRCRAFT QUALITY STEEL TO SPECN. B.S. 970-EN-19.

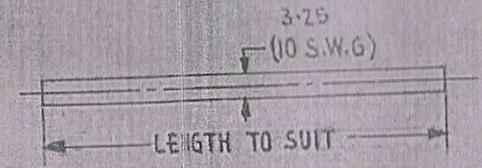
HARDNESS: 269/321 BHN.

FINISH: SPACERS 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.

EMBRITTLMENT RELEASE: SPACERS, 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: ON ALL DIMENSIONS ±0.25 mm FOR CROSS SECTIONS ±0.6 mm FOR SLOTS ±0.0 mm.

2



PIN

1-OFF

MATERIAL: COLD DRAWN SPRING STEEL WIRE TO SPECN. BS: 1408-M-1964

COUNTERSIGNED

R. K. Singh
10-6-75
Lt. Col.
DIRECTOR,
ADRDE, AGRA.

DATE	NAME
	DGN
	DRN
	CHKD
	TRD
	COMP
	A.D/O
	PRD. OFFR

AIRCREW PARACHUTE BACK/CHEST TYPE MK-I
(LIFT WEB SPACER)

SCALE: 1:1

THIRD-ANGLE PROJECTION

DIMENSIONS IN MILLIMETRES

APPROVED

G. S. Singh
(DY. DIR. (DEV))

PROV.

DRG. No. ADRDE/195