

12/3/19 10:24 THORNBROWN E:\DATA\CURRENT PROJECTS\MTDC-920 PACKSACK\MTDC-920_01.DWG;

NOTES:

1. THE COATED SIDE OF THE FABRIC SHALL BE INSIDE EXCEPT FOR BACK PANEL LINER WHICH SHALL HAVE COATED SIDES FACING EACH OTHER.
2. ALL ENDS OF WEBBING AND CORD SHALL BE FUSED TO PREVENT FRAYING. THERE SHALL BE NO ROUGH EDGES.
3. THERE SHALL BE NO REPAIRS, SUCH AS MENDS, DARNS OR PATCHES. SPlicing OF ANY MATERIALS SHALL NOT BE PERMITTED.
4. ALL STITCHING SHALL CONFORM TO ASTM D 6193, TYPE 301, 6-8 STITCHES PER INCH.
5. UNLESS OTHERWISE SPECIFIED, STITCHING MARGINS SHALL BE 1/8".
6. ENDS OF ALL 301 STITCHING SHALL BE BACKSTITCHED 1-INCH MINIMUM (1/2 INCH FOR BOX X) STITCHING DEFECTS SHALL BE OVERSTITCHED NOT LESS THAN 1-INCH PAST END OF DEFECTS. AUTOMATIC STITCH PATTERNS SHALL HAVE AT LEAST THREE OR MORE TYING OR OVERLAPPING BACKSTITCHES.
7. THREAD TENSION SHALL BE MAINTAINED TO PREVENT LOOSE OR TIGHT STITCHING. THE LOCK SHALL BE EMBEDDED IN THE MATERIALS SEWN.
8. ALL THREAD ENDS SHALL BE TRIMMED TO A MAXIMUM OF 1/4"
9. AUTOMATIC MACHINES MAY BE USED FOR STITCHING PATTERNS PROVIDING THE STITCHING DIMENSIONS, STRENGTH, EFFICIENCY, AND FUNCTION ARE EQUAL TO OR BETTER THAN THE SPECIFIED PATTERN.
10. LOCATION MARKS MAY BE DRILLED, PROVIDING THE DRILL HOLES ARE COVERED IN THE FINISHED ITEM. MAXIMUM DRILL DIAMETER 0.076".
11. ALL DIMENSIONS EXCEPT PATTERN SIZES ARE FINISHED DIMENSIONS, UNLESS OTHERWISE SPECIFIED.
12. THE WORKING PATTERNS SHALL BE IDENTICAL TO THE GOVERNMENT FURNISHED PATTERNS, SHOWING SIZE, SHAPE, PLACEMENT OF COMPONENT PARTS AND LOCATION LINES FOR CUTTING, MARKING AND FOLDING. NEITHER THE GOVERNMENT PATTERNS NOR THE WORKING PATTERNS SHALL BE ALTERED IN ANY WAY.
13. HOLES SHALL BE PRE-PUNCHED FOR THE GROMMETS AND SHALL BE SMALLER THAN THE BARREL DIAMETER. GROMMETS SHALL BE SECURELY CLINCHED WITHOUT CUTTING THE MATERIAL.
14. THE PACK SHALL BE MARKED WITH THE LETTERS NFES, LOCATION AND SIZE SHOWN ON THE DRAWING. THE LETTERS SHALL CONFORM TO TYPE IV, CLASS 9 OF MIL-DTL-32075, COLOR BLACK. LETTERS NFES SHALL BE SILK SCREENED AND THERE SHALL BE NO CLOTH VISIBLE UNDER THE MARKING.

REVISION DETAIL				
SHEET	REV	DESCRIPTION	APPROVED BY	DATE
ALL	A	MISC. CORRECTIONS	GMJ	07/1996
ALL	B	COMBINE 920 & 925 AT D SIZE SCALE	GMJ	12/2000
1-7 & 12	C	CHANGE-SPEC NO.s, MAT. DESCRIPTIONS & FSS TO GSA	JRS	08/2009
12	C	MODIFY PATTERN PARTS 12, 13	G. APUZZO	01/2016
13	C	MODIFY PATTERN PART 18	G. APUZZO	01/2016
7	D	CHANGE GSA TO NFES	G. APUZZO	12/2018
ALL	5	MODIFY MATERIAL LIST, RENUMBER AND RENAME PARTS, MISC. CORRECTIONS	G. APUZZO	09/2019
1	5	ADD REVISIONS BLOCK	G. APUZZO	09/2019
14	5	ADD PAGE 14, ADD PATTERN FOR PART 12	G. APUZZO	09/2019
1-6	5	MODIFY SECTIONS AND DETAILS	G. APUZZO	09/2019
1	5	ADD TOLERANCES	G. APUZZO	09/2019
1	5	EDIT NOTES	G. APUZZO	09/2019

DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

MATERIAL LIST			
NO	PART NAME	REQD	MATERIAL-DESCRIPTION
1	SHOULDER PAD COVER	2	NYLON DUCK -SPEC.5100-86, TYPE II
2	BACK PANEL	1	
3	BACK PANEL LINER	1	
4	INNER SHOULDER STRAP REINFORCEMENT	2	
5	SHOULDER STRAP CHAPE REINFORCEMENT	4	
6	FRONT PANEL	1	
7	FRONT REINFORCEMENT	1	
8	ZIPPER POCKET FRONT	1	
9	ZIPPER POCKET BACK	1	
10	ZIPPER POCKET FLAP	1	
11	BOTTOM PANEL	2	CLOTH, SPACER, SEE SPEC. 5100-214
12	SPACER CLOTH	1	
13	SHOULDER PADDING	2	
14	SHOULDER STRAP	2	
15	SHOULDER STRAP CHAPE	2	
16	HANDLE	1	
17	CHEST STRAP	1	
18	CHEST STRAP CHAPE	2	
19	ZIPPER POCKET CHAPE	2	
20	ZIPPER POCKET STRAP	2	
21	OUTER SHOULDER STRAP REINFORCEMENT	1	WEBBING, TEXTILE, WOVEN NYLON, MIL-W-17337, CLASS 2, BLACK, 3/4-INCH X 6-3/4
22	THREAD	AR	
23	THREAD	AR	
24	ZIPPER	1	
25	DRAWSTRING	1	
26	GROMMET	16	
27	BUCKLE, FEMALE	3	
28	BUCKLE, MALE	3	
29	DOUBLE BAR BUCKLE	2	
30	CORD LOCK	1	
31	IDENTIFICATION LABEL	1	CLOTH, POLYESTER. SEE SPEC. 5100-214
32	IDENTIFICATION MARKING	AR	



United States Department of Agriculture
Forest Service

WO
WASHINGTON OFFICE

STAMPS, LOGOS, AND SEALS		
	SEE REVISION LIST - SHEET 01	
NO.	REVISION / ISSUE	DATE

PROJECT NAME

PACKSACK

NATIONAL TECHNOLOGY
& DEVELOPMENT
PROGRAM

MISSOULA, MONTANA

DRAWING TITLE

PARTS LIST AND NOTES

DATE
09/17/2019

ARCHIVE NO.
MTDC-920_01.DWG

APPROVED
G.APUZZO

DESIGNER
MTDC

DRAWN
D. O'ROURKE

CHECKED
D.M-SCHULTE

PROJECT NO.
MTDC-920

DRAWING SHEET NO.
01

SHEET 01 OF 14

TOLERANCES: UNLESS OTHERWISE SPECIFIED TOLERANCES SHALL BE AS FOLLOWS

UNDER 1/2

+/-

1/16

1/2 TO 2

+/-

1/8

2 TO 30

+/-

1/4

DIMENSIONS ARE IN INCHES